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U.S. Army Influenza Activity Report

Week Ending 16 November 2013 (Week 46)

2013-2014 Seasonal Influenza Vaccination Coverage

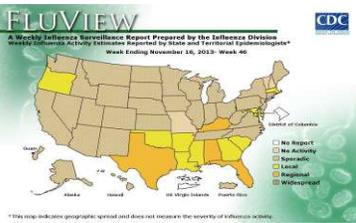
As of 19 NOV 2013

75%	DOD
85%	Army Active Duty
57%	Army Guard
39%	Army Reserve

SYNOPSIS: Influenza-like illness (ILI) activity continues to increase slightly in both Army and civilian populations, with influenza A-activity steadily increasing nationwide.

- **ILI Activity:** Army incident ILI outpatient visits in week 46 were 37% lower than for the same week last year.
- **Influenza cases:** Five hospitalized influenza cases were reported to USAPHC in week 46. To date, 8 cases have been reported during this influenza season: 2 in AD SMs and 6 in non-AD beneficiaries.
- **Viral specimens:** During week 46, 108 of 630 (17%) laboratory specimens tested were positive for respiratory pathogens. As in week 45, more specimens were positive for Influenza A (40%) than for RSV (33%). The majority of influenza A-specimens were submitted by MTFs in SRMC.
- **Army Vaccination Rates:** Army (COMPO 1) compliance in week 46: USAREUR 98%, MEDCOM 95%, TRADOC 86%, USARPAC 86%, FORSCOM 85%, USARSO 63%.

Geographic Spread

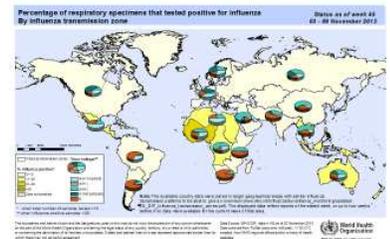


United States

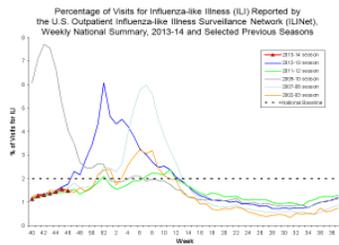
- During week 46, 34 states, Puerto Rico, and Guam reported sporadic influenza activity. Local or regional activity was reported by 13 states. 3 states reported no influenza activity.

Global

- Overall influenza activity in North America increased slightly over the past three weeks, but remained at low levels throughout the region. Countries from WHO European Region report low levels of activity.

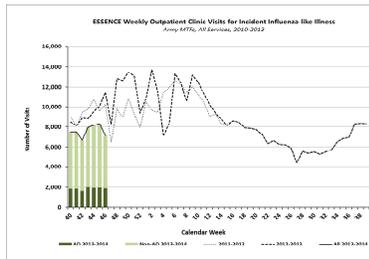


ILI Activity United States



- For week 46, 1.5% of outpatient visits reported through ILINet were due to ILI, which is below the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 0.5 to 3.5% across regions.

ILI Activity Army



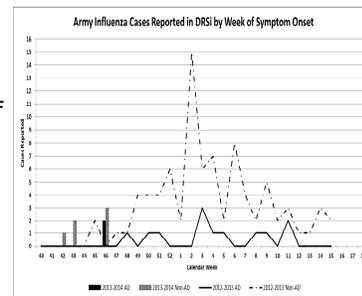
- During week 46, incident ILI activity was 37% lower than at the same time last year and 30% lower than during the 2011-2012 season.
- Active Duty (AD) Service Members (SMs) accounted for 26% of incident ILI clinic visits during week 46; in 2012-2013, AD SMs comprised 26% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 43	Week 44	Week 45	Week 46	Season Total
Influenza A	24	23	43	43	159
Influenza B	3	1	3	4	14
Adenovirus	1	7	16	10	44
Enterovirus	0	0	1	1	2
Parainfluenza	15	33	18	14	118
RSV	25	28	39	36	166
Negative	467	445	536	522	3172
Total Results	535	537	656	630	2358

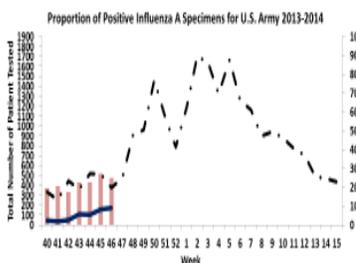
- 17% (108) of respiratory specimens were positive during week 46.
- Influenza A accounted for 40% of positive specimens. RSV accounted for 33% of positive specimens, parainfluenza for 13%, and adenovirus for 9%.
- Influenza B accounted for 4% of positive specimens.

DRSi Influenza Case Reporting



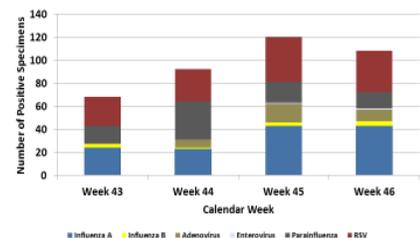
- In week 46, five cases of influenza-associated hospitalizations were reported in DRSi; two in AD SMs and three in non-AD beneficiaries.
- Eight hospitalized influenza cases have been reported since the beginning of this influenza season.
- At the same time last influenza season, two hospitalized influenza cases had been reported.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 46 (9%) increased slightly from week 44 (8%).
- 37 of the 43 (86%) positive influenza A specimens in week 46 were from non-AD personnel.
- 36 (84%) of the 43 positive specimens were from SRMC, a slight decrease from week 45 (93%). NRMC and WRMC each reported 3 (7%) positive influenza A specimens, and PRMC reported 1 (2%).
- ERMC and CENTCOM 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

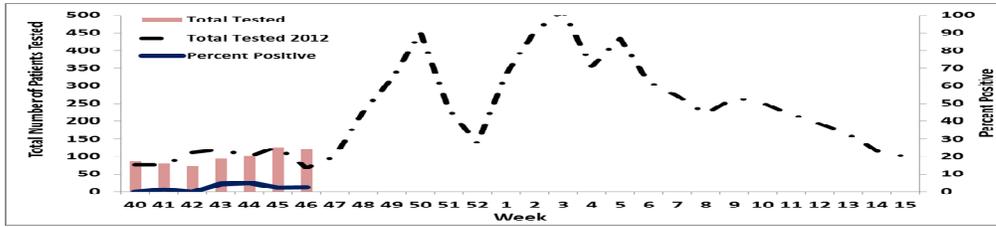
Questions?

Email USAPHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

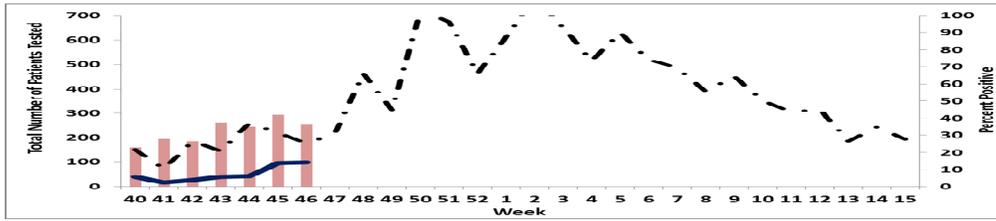
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-14 as Compared to 2012-2013

Northern Regional Medical Command (NRMC)



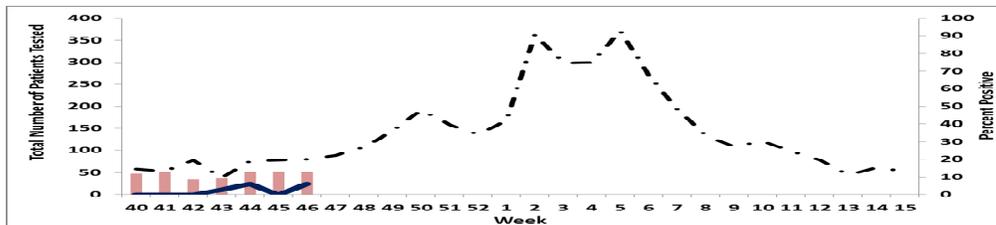
Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	6
18-29	1	0	3
30-39	0	0	0
40-49	1	0	3
50-59	0	0	0
60+	0	0	4
Total	2	1	16

Southern Regional Medical Command (SRMC)



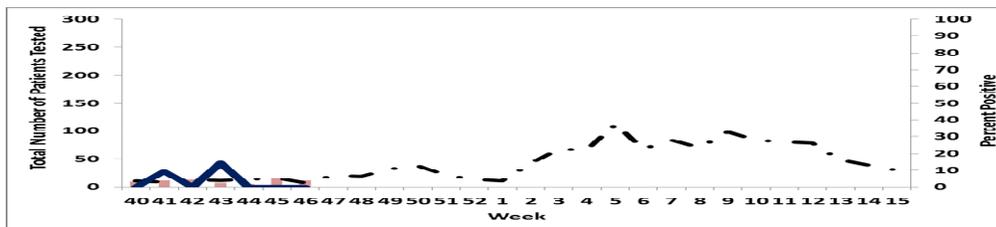
Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	18	64
18-29	2	1	16
30-39	0	4	17
40-49	1	2	11
50-59	0	1	6
60+	0	7	13
Total	3	33	127

Western Regional Medical Command (WRMC)



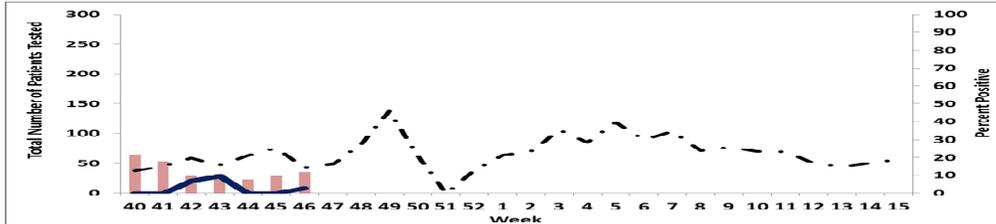
Week 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	2
18-29	1	0	3
30-39	0	0	1
40-49	0	0	0
50-59	0	0	0
60+	0	1	1
Total	1	2	7

Europe Regional Medical Command (ERMC)



Week 46			
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 46			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	2
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	1	6

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	1	2	2	1		
SRMC	1	8	3	2	1	6	3	12	2	13	8	33	3	33		
WRMC	0	0	0	0	0	0	0	1	1	2	0	0	1	2		
ERMC	0	0	1	0	0	0	0	1	0	0	0	0	0	0		
PRMC	0	0	0	0	0	2	0	3	0	0	0	0	0	1		
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

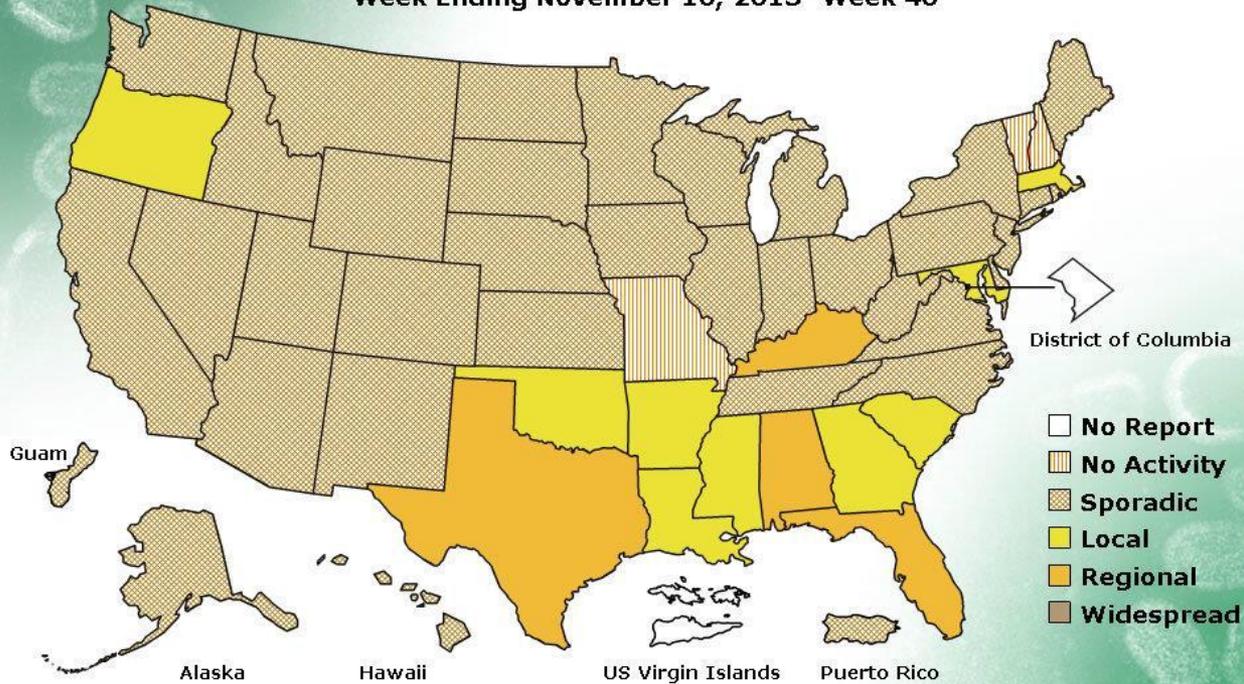
Locations providing week 46 laboratory data as of 19 November 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam 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*

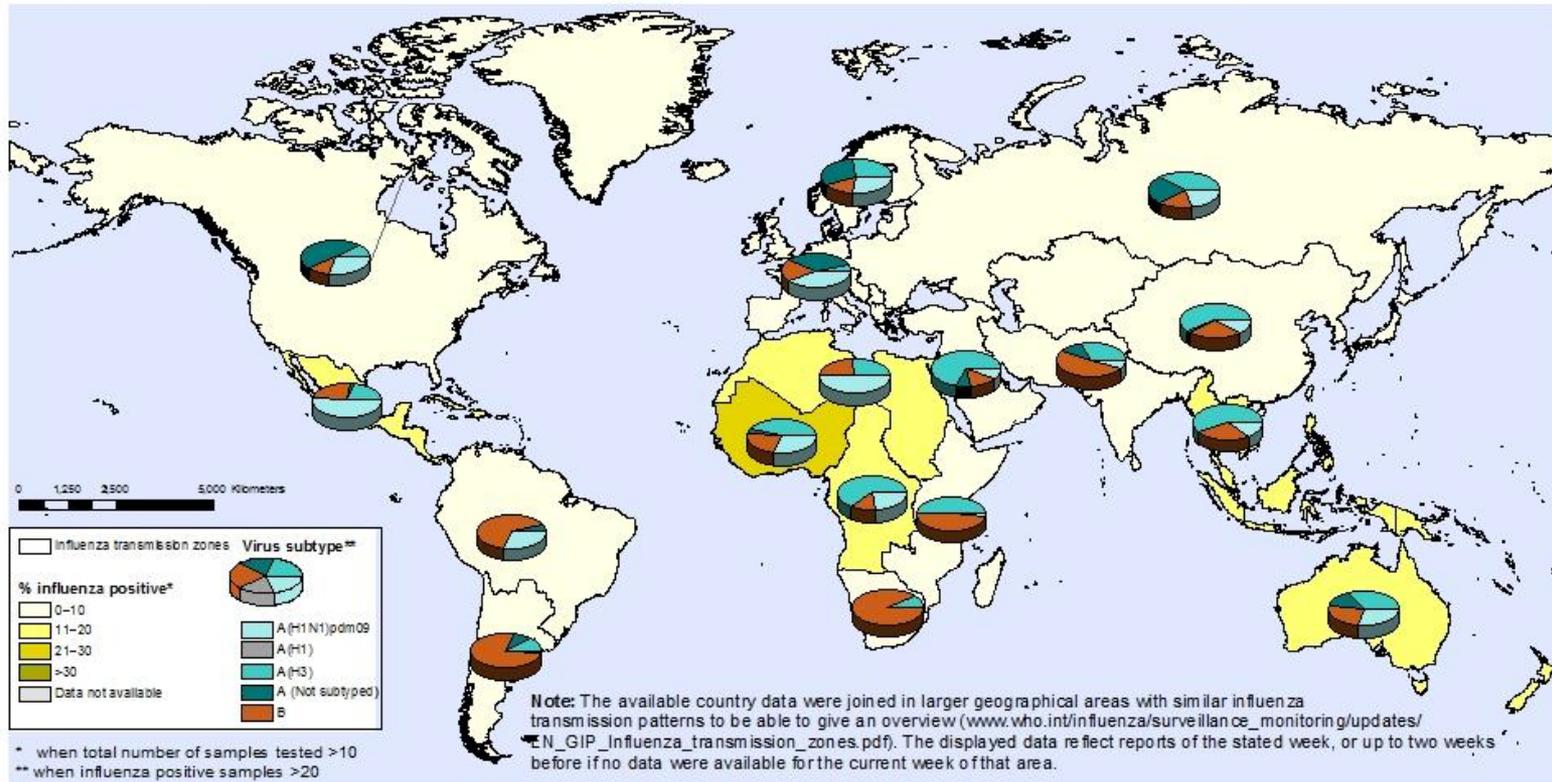
Week Ending November 16, 2013- Week 46



*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 45
03 - 09 November 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.

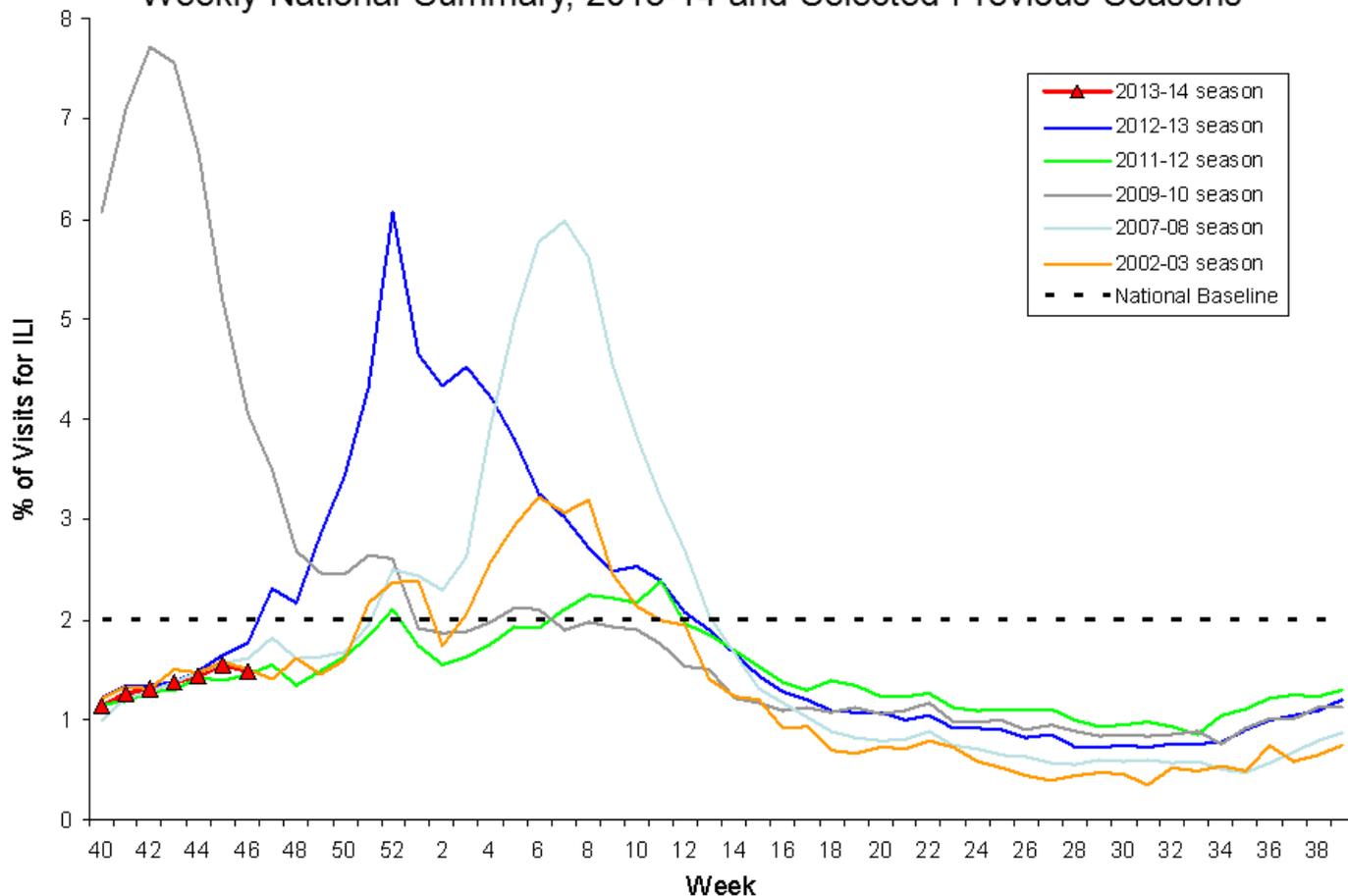
Data Source: WHO/GIP, data in HQ as of 20 November 2013.
Data used are from FluNet (www.who.int/flu-net), 11:30 UTC snapshot, from WHO regional offices and/or ministry of health websites.



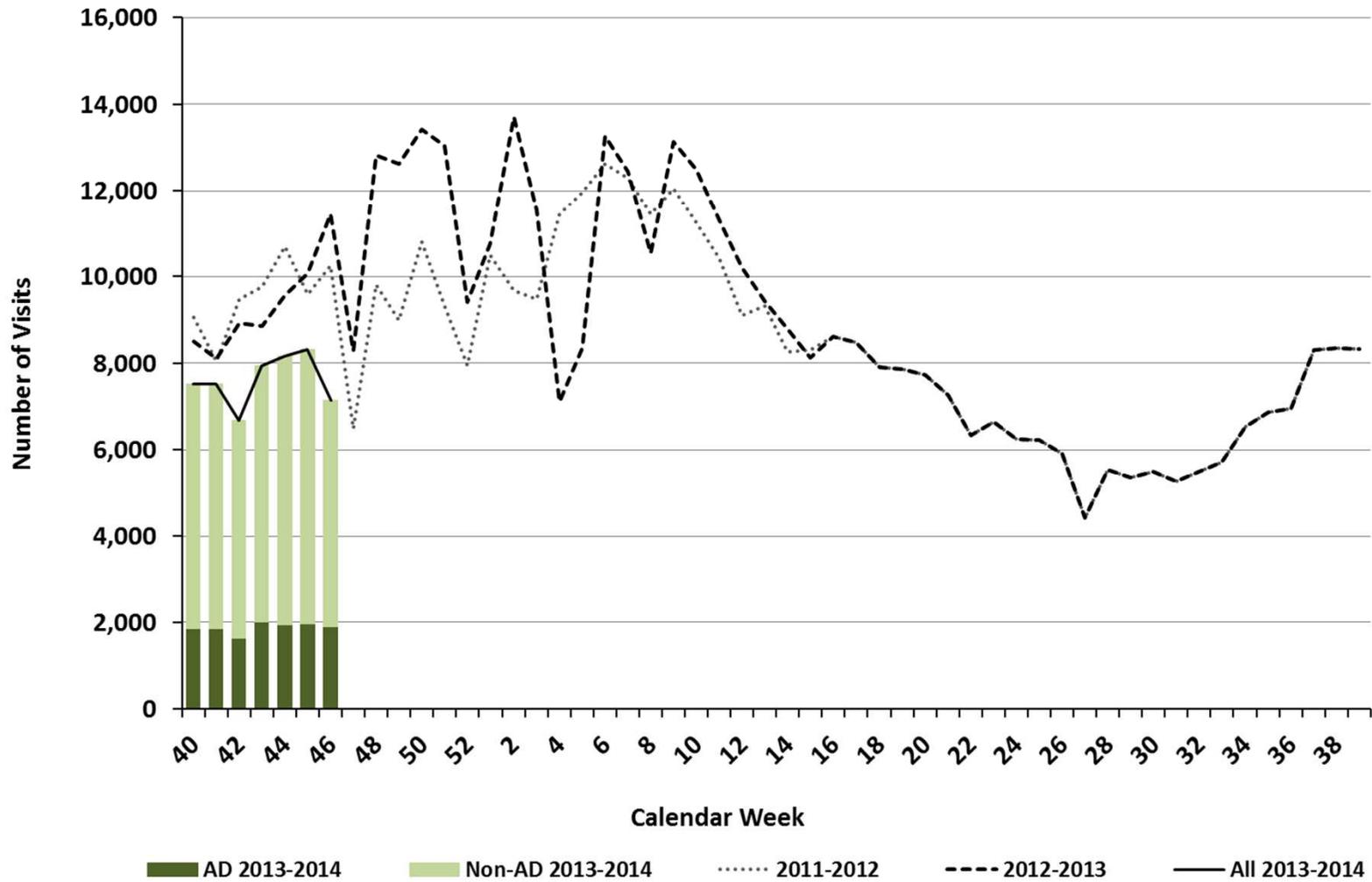
http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html

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



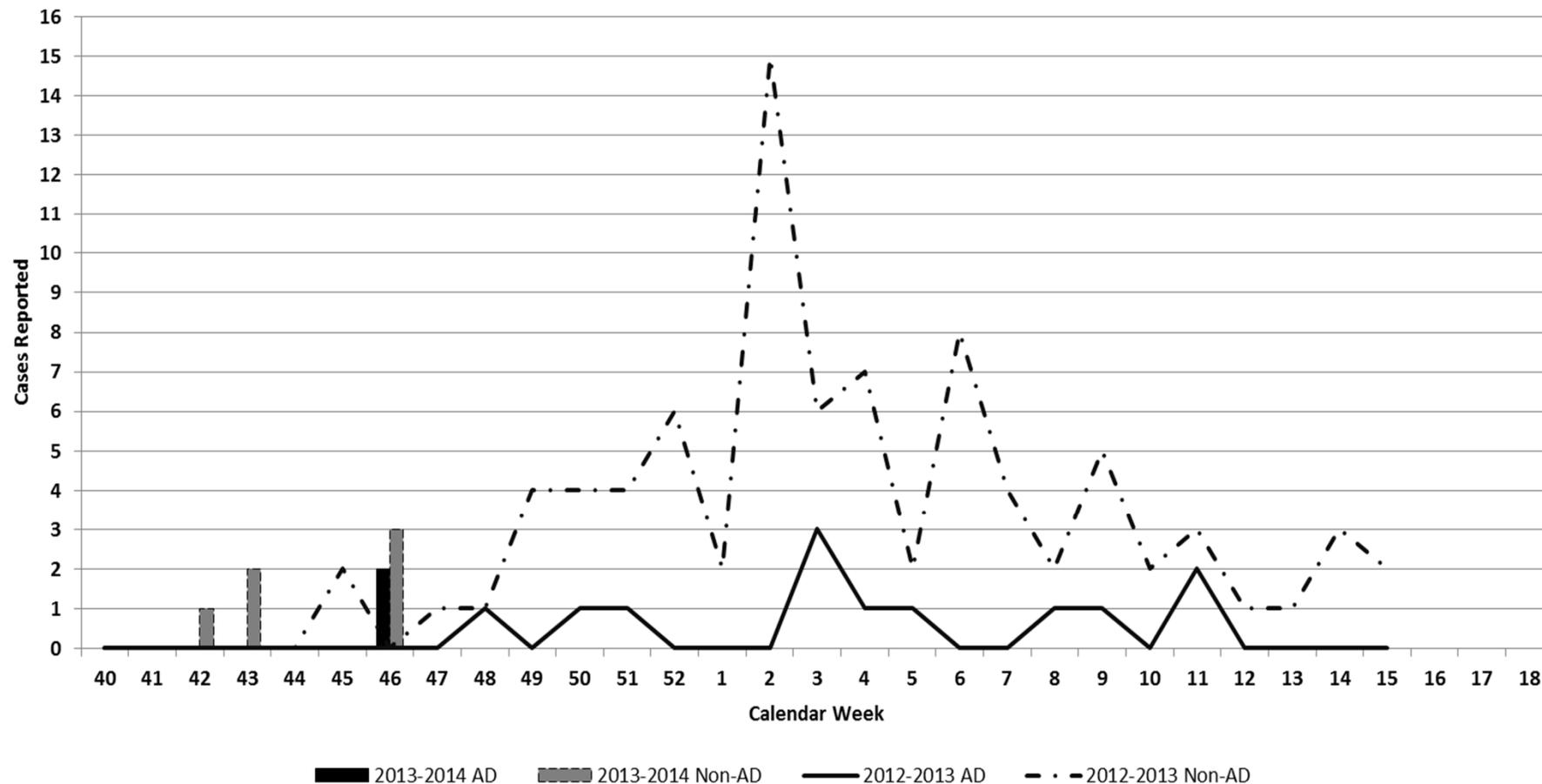
Clinic visits for ILI are obtained from ESSENCE. Data as of 19 November 2013.

Army MTF Laboratory Results, 2013-14

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Influenza A	24	23	43	43	159
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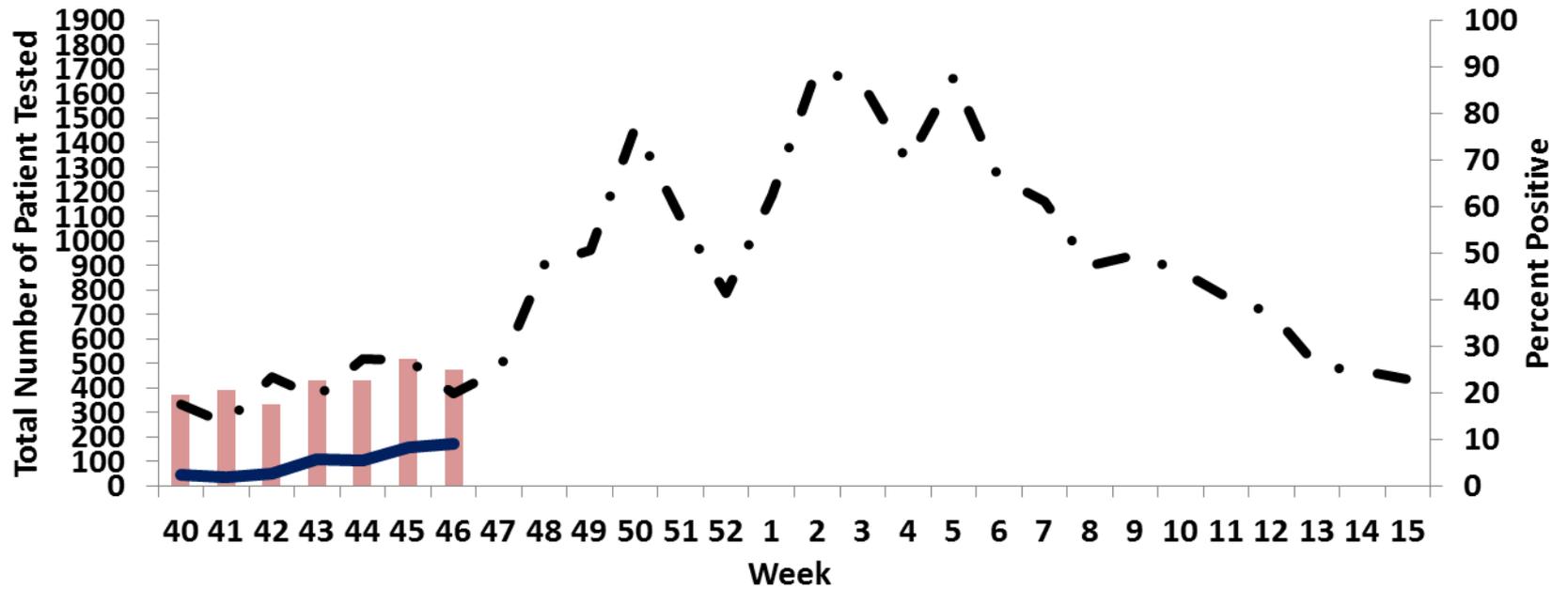


Army Influenza Cases Reported in DRSi by Week of Symptom Onset



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 19 November 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

