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U.S. Army Influenza Activity Report

Week Ending 09 November 2013 (Week 45)

2013-2014 Seasonal Influenza Vaccination Coverage

As of 12 NOV 2013

69%	DOD
77%	Army Active Duty
47%	Army Guard
34%	Army Reserve

SYNOPSIS: The Southeastern states continue to experience slightly elevated influenza-like illness (ILI) activity while overall activity remains low in both Army and civilian populations nationwide.

- **ILI Activity:** Army incident ILI outpatient visits in week 45 were 24% lower than for the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to USAPHC in week 45; to date, three cases have been reported during this influenza season for Army MTFs.
- **Viral specimens:** During week 45, 120 of 656 (18%) laboratory specimens tested were positive for respiratory pathogens. For the first time this season, more specimens were positive for Influenza A (36%) than for RSV (32%). The majority of influenza A-specimens were submitted by MTFs in SRMC.
- **Army Vaccination Rates:** Army (COMPO 1) compliance in week 45: USAREUR 96%, MEDCOM 92%, TRADOC 83%, USARPAC 79%, FORSCOM 75%, USARSO 51%.

Geographic Spread

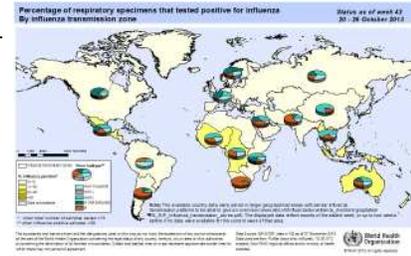


United States

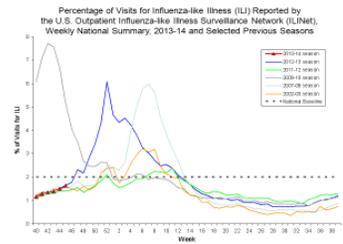
- During week 45, 35 states, the District of Columbia, and Guam reported sporadic influenza activity. Local or regional activity was reported by 9 states and Puerto Rico. 6 states reported no influenza activity.

Global

- Although in many European countries influenza-like illness activity started to increase, influenza detections in the northern hemisphere temperate zones remained low.



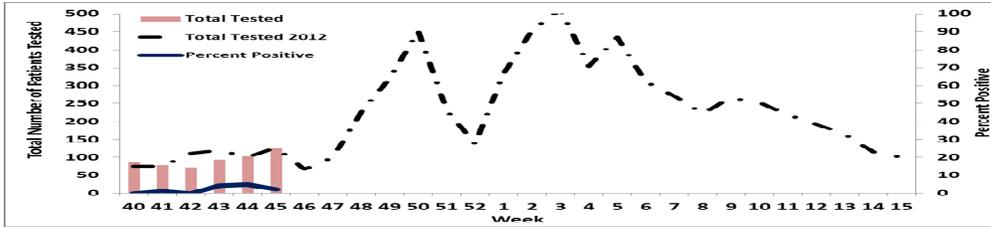
ILI Activity United States



U.S. Army Influenza Activity Report

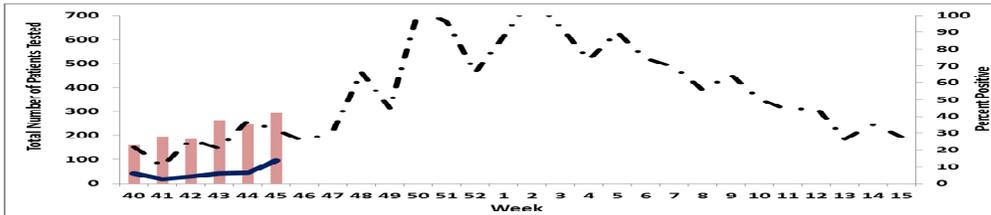
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-14 as Compared to 2012-2013

Northern Regional Medical Command (NRMC)



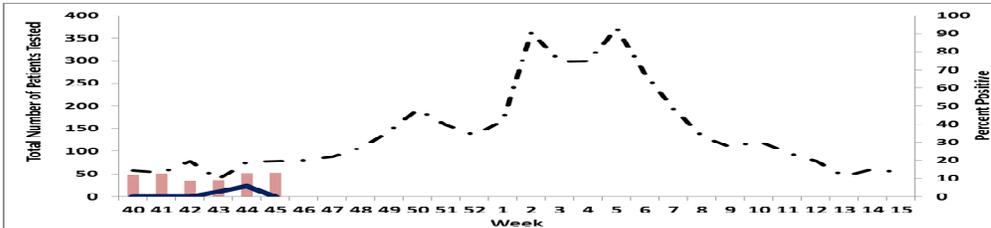
Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	5
18-29	1	0	2
30-39	0	0	0
40-49	0	0	2
50-59	0	0	0
60+	0	0	4
Total	1	2	13

Southern Regional Medical Command (SRMC)



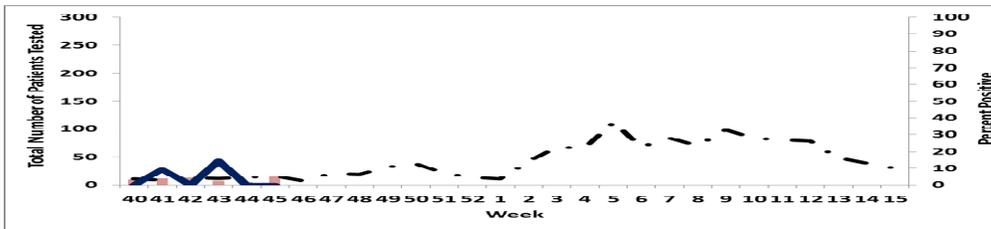
Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	21	46
18-29	2	2	13
30-39	2	3	13
40-49	2	3	8
50-59	1	2	5
60+	0	2	6
Total	7	33	91

Western Regional Medical Command (WRMC)



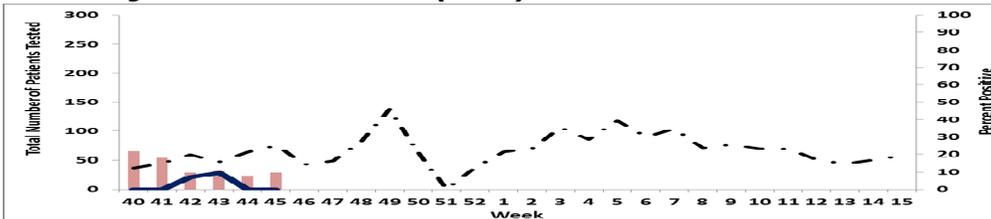
Week 45			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	1
18-29	0	0	2
30-39	0	0	1
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	0	4

Europe Regional Medical Command (ERMC)



Week 45			
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 45			
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

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	0	0	0	1	0	0	1	3	1	4	1	2				
SRMC	1	8	3	2	1	6	3	12	2	13	7	33				
WRMC	0	0	0	0	0	0	0	1	1	2	0	0				
ERMC	0	0	1	0	0	0	0	1	0	0	0	0				
PRMC	0	0	0	0	0	2	0	3	0	0	0	0				
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0				

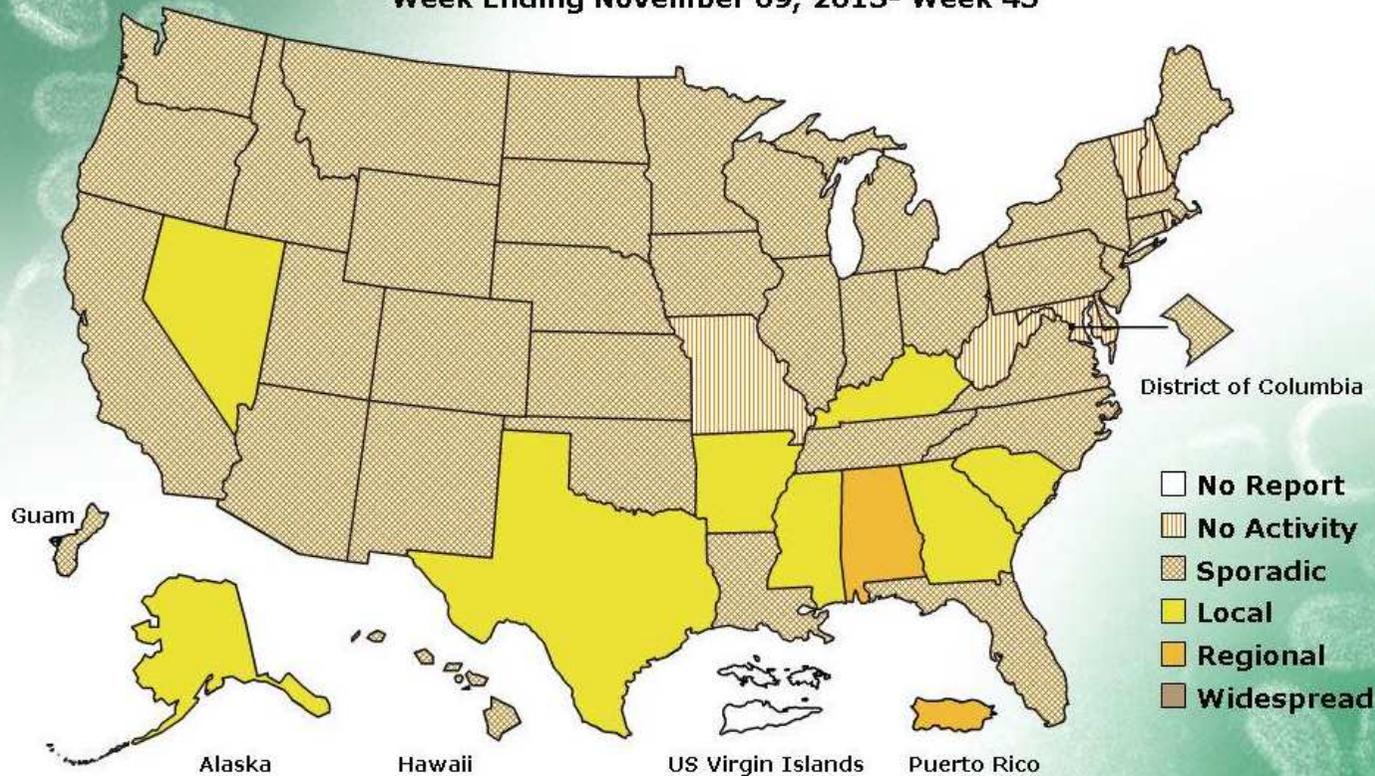
Locations providing week 45 laboratory data as of 13 November 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam 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*

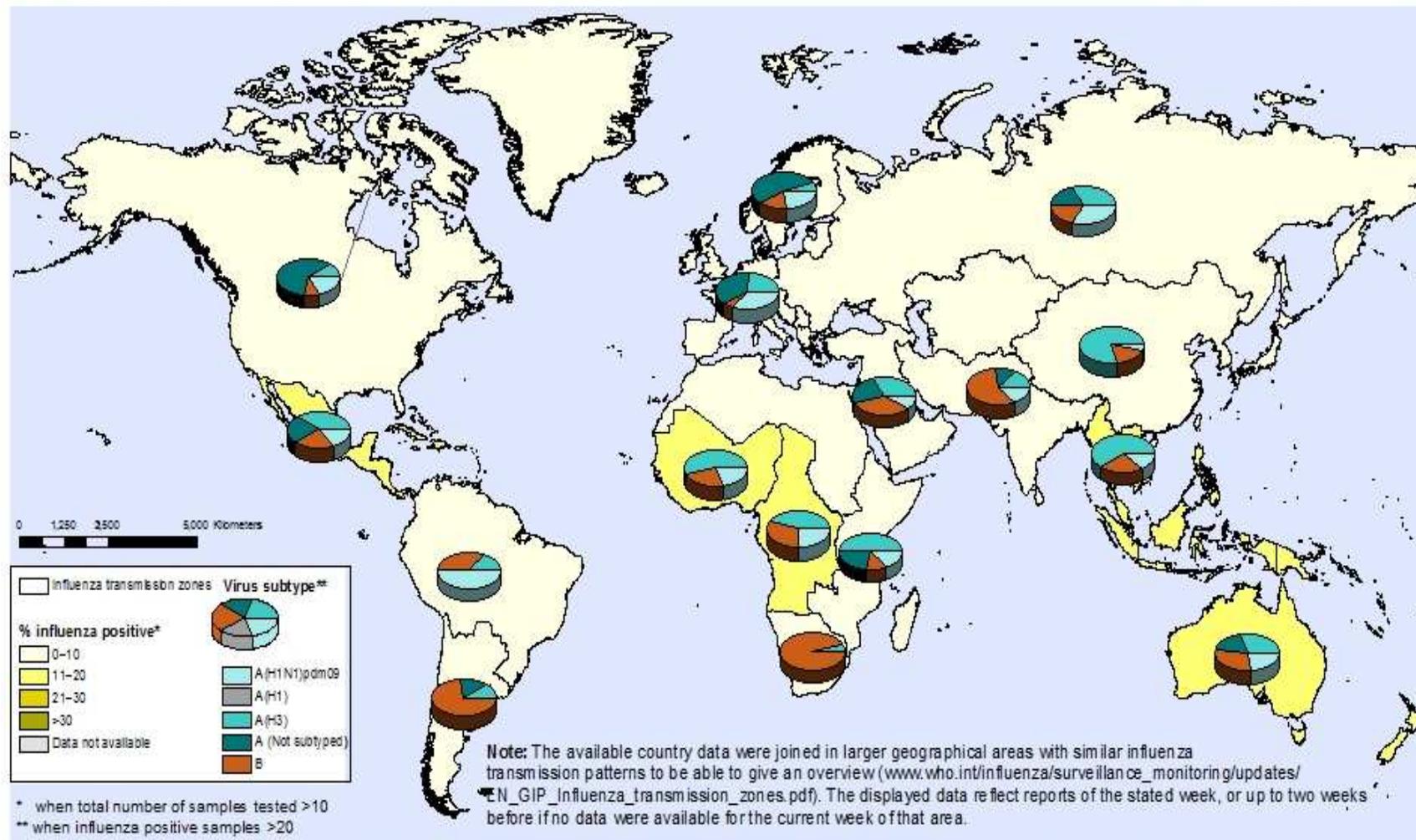
Week Ending November 09, 2013- Week 45



*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 43
20 - 26 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.

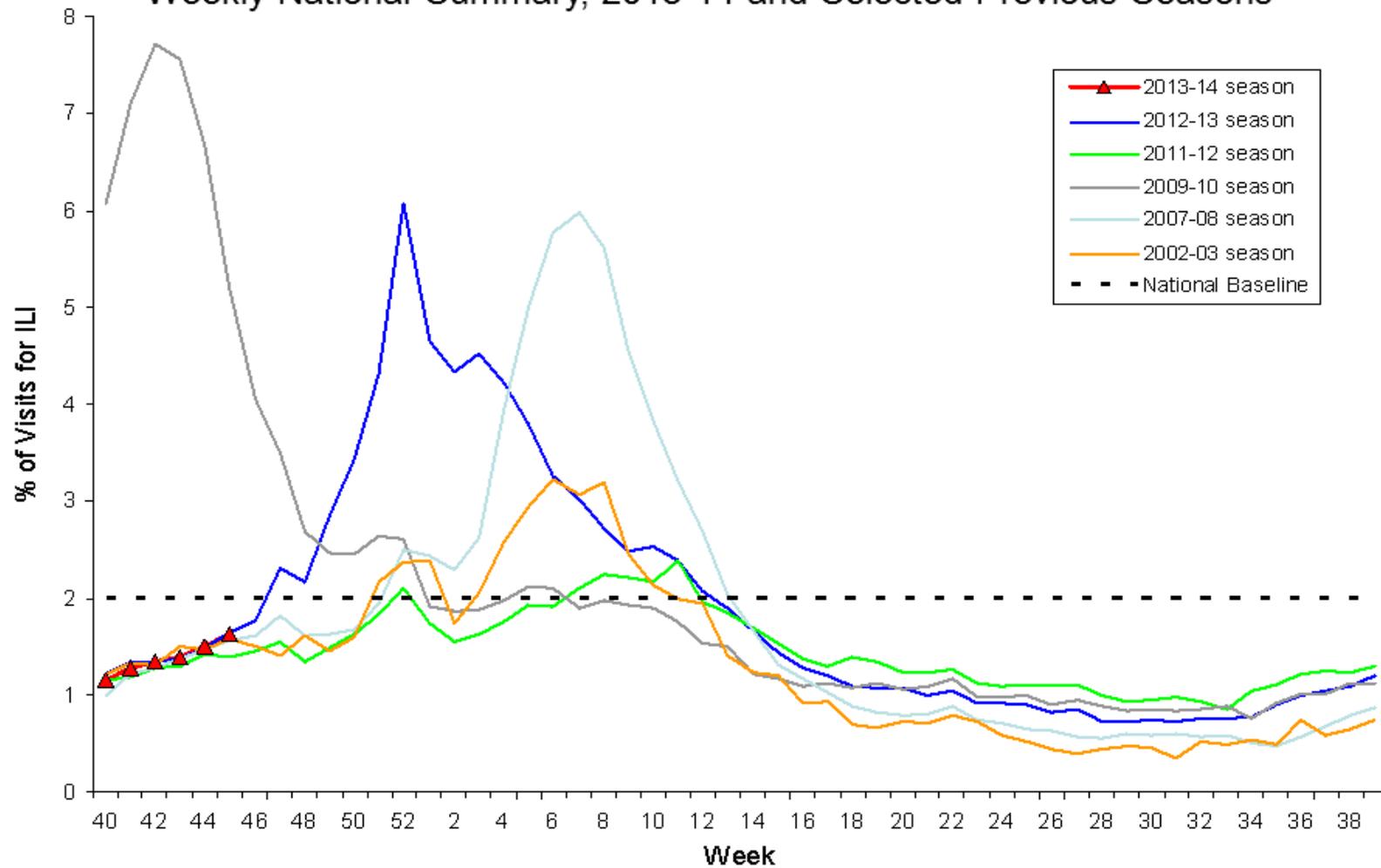
Data Source: WHO/GIP, data in HQ as of 07 November 2013. Data used are from FluNet (www.who.int/flu-net), 12:30 UTC snapshot, from WHO regional offices and/or ministry of health websites.



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

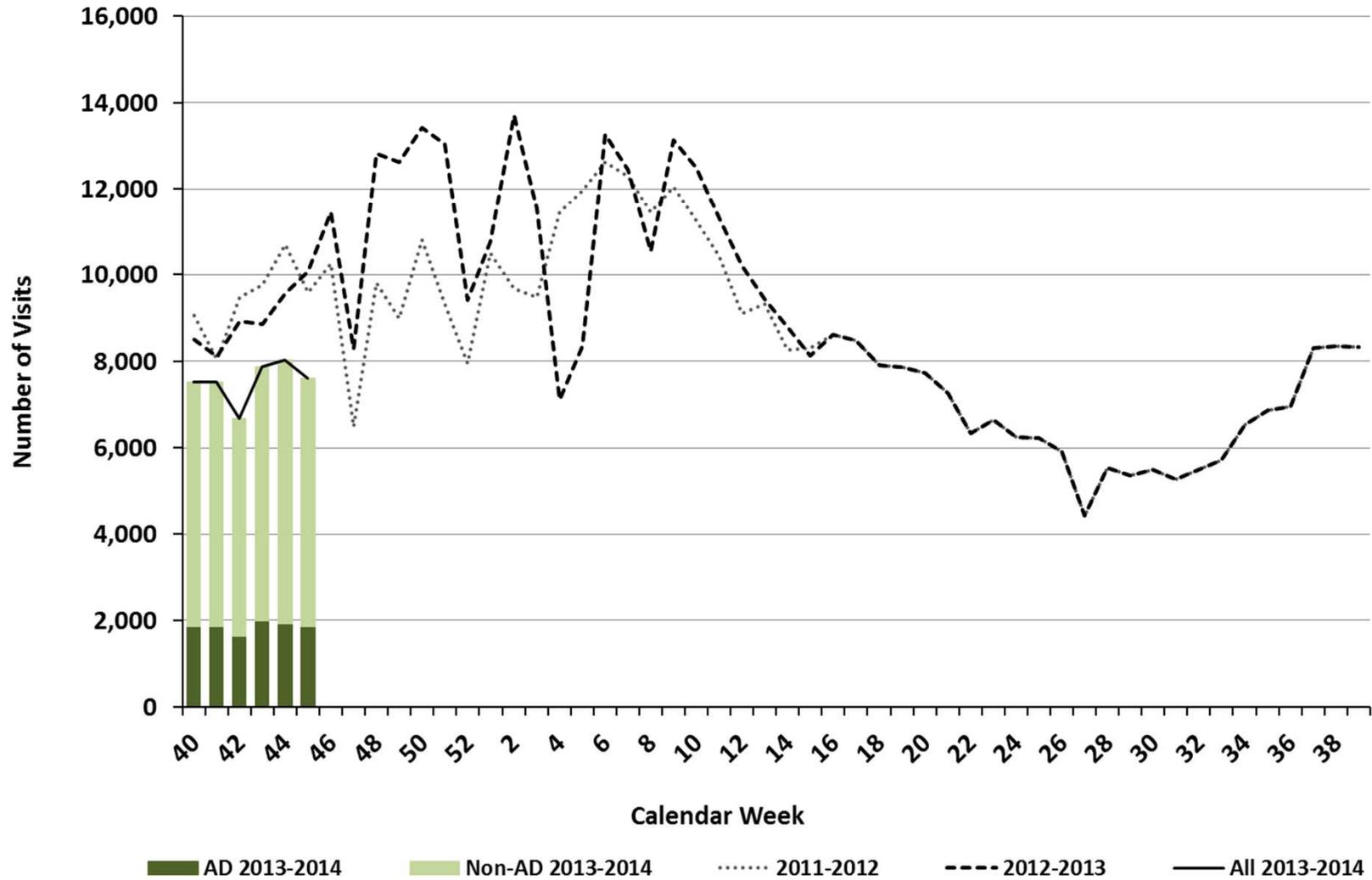
http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html

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

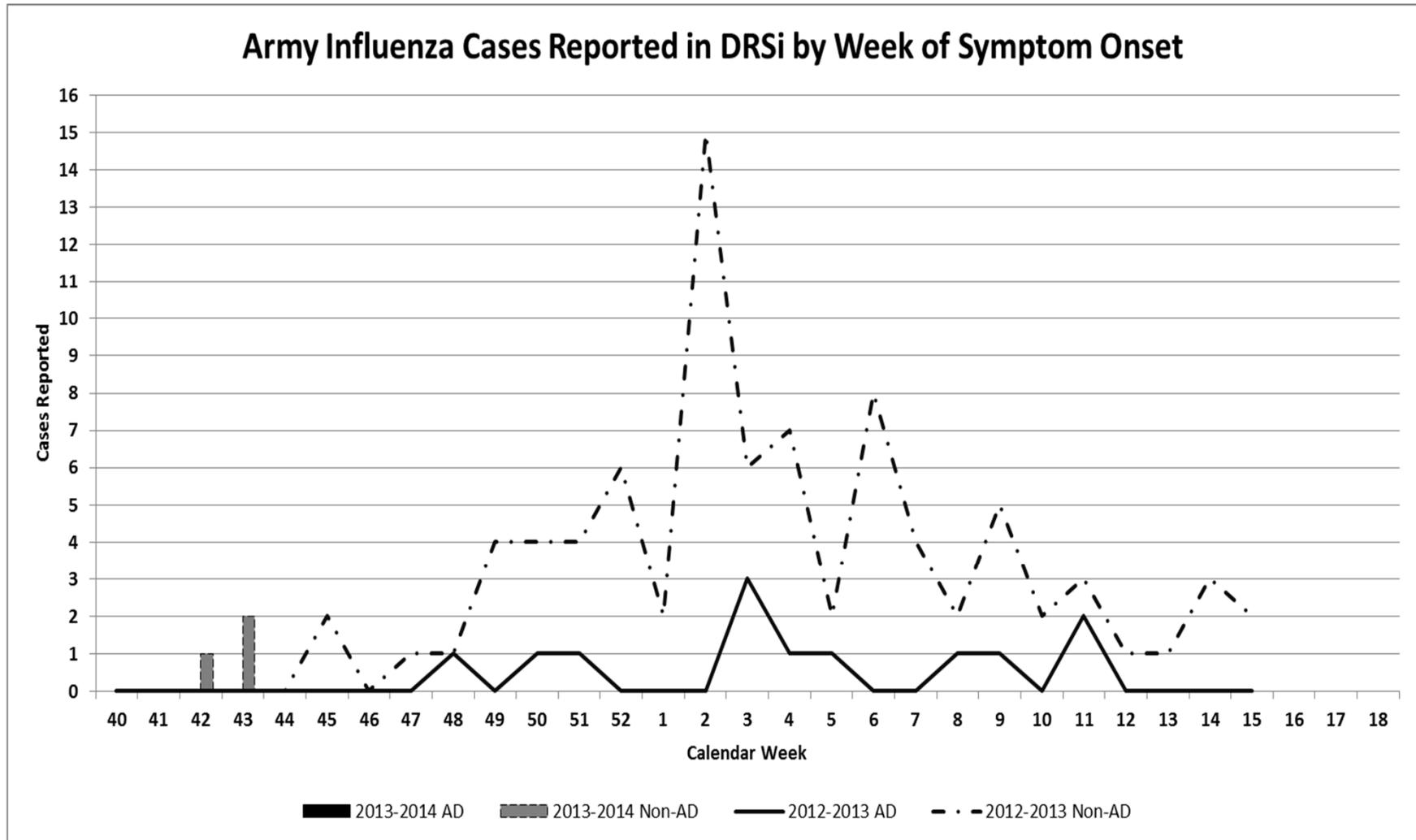
Army MTFs, All Services, 2010-2013



Clinic visits for ILI are obtained from ESSENCE. Data as of 13 November 2013.

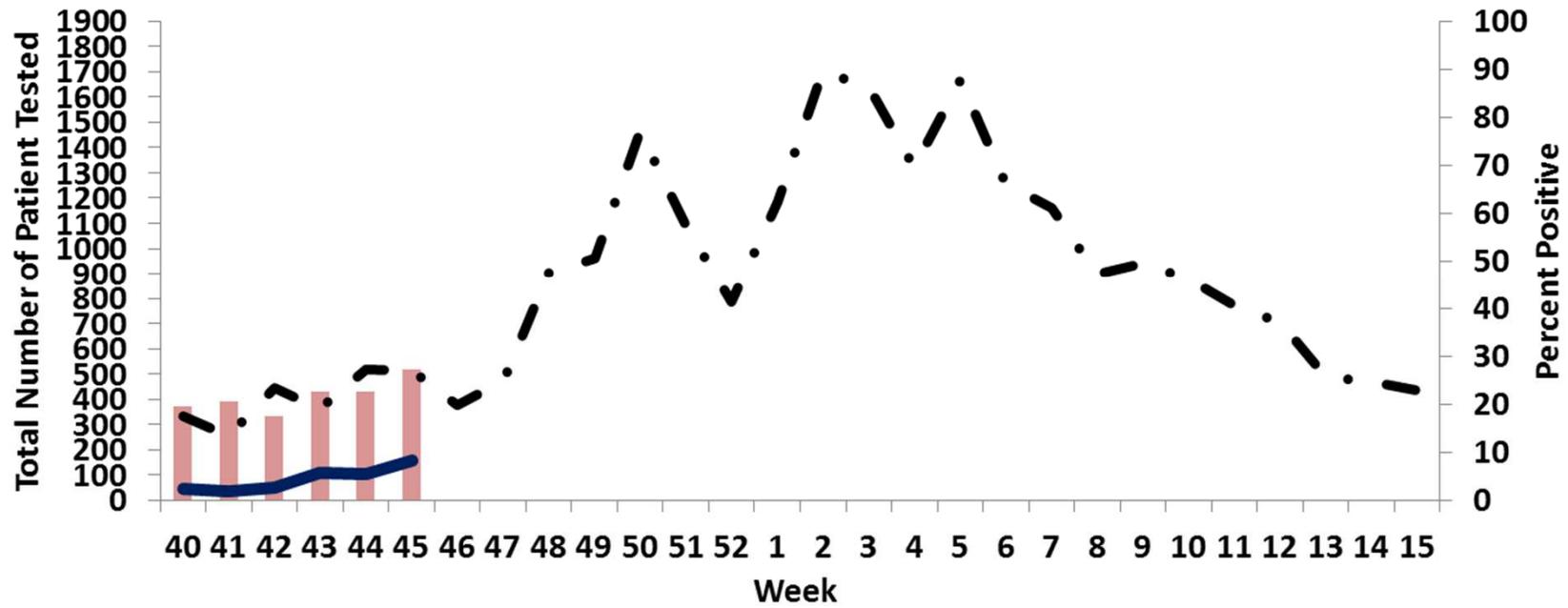
Army MTF Laboratory Results, 2013-14

Test Result	Week 42	Week 43	Week 44	Week 45	Season Total
Influenza A	9	24	23	43	115
Influenza B	2	3	1	3	10
Adenovirus	7	1	7	16	35
Enterovirus	0	0	0	1	1
Parainfluenza	17	15	33	18	104
RSV	16	25	28	39	130
<i>Negative</i>	<i>384</i>	<i>467</i>	<i>445</i>	<i>536</i>	2656
Total Results	435	535	537	656	2163

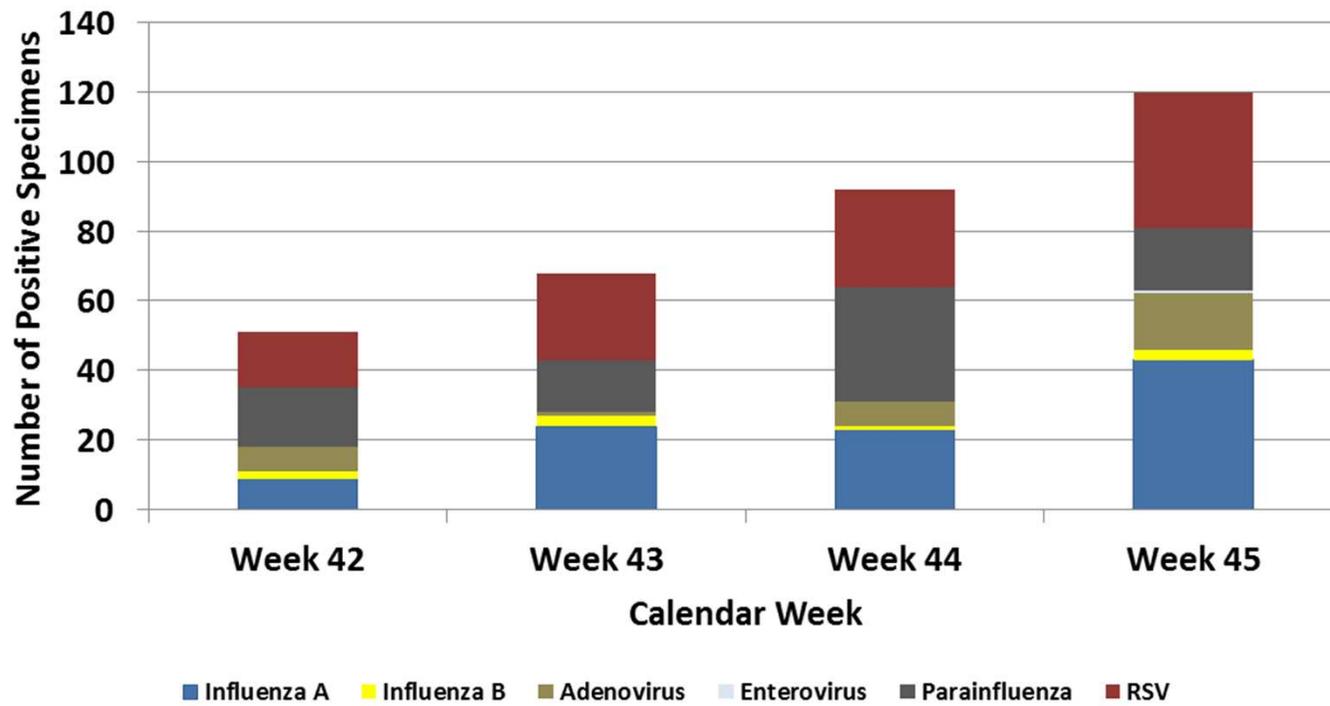


Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See [Armed Forces Reportable Medical Events Guidelines and Case Definitions](#) for more information
Data as of 13 November 2013.

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



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														
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PRMC	0	0	0	0	0	2	0	3	0	0	0	0				
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0				