

Click on images to enlarge.

U.S. Army Influenza Activity Report

Week Ending 3 November 2012 (Week 44)

2012-2013 Seasonal Influenza Vaccination Coverage

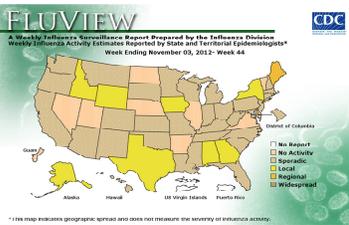
As of 6 NOV 2012

82%	DOD
81%	Army Active Duty
66%	Army Guard
49%	Army Reserve

SYNOPSIS: Although some areas are beginning to see increases in influenza activity, overall influenza and influenza-like illness (ILI) activity remains low in US Army and civilian populations.

- **ILI Activity:** Army outpatient visits for incident ILI are 19% lower than the same time last year.
- **Influenza cases:** Five hospitalized influenza cases have been reported in DRSi this influenza season.
- **Acute Respiratory Disease at BCT sites:** ARDS rates remain lower at all Army BCT sites compared to the same period last year.
- **Viral specimens:** During week 44, 83 of 451 (18%) clinical specimens tested were positive for respiratory pathogens. Influenza A was identified in 44 (53%) of these positive samples. Most of the Army influenza positive specimens were reported by SRMC (48%), primarily at Ft. Stewart (65%) and Ft. Gordon (25%).

Geographic Spread

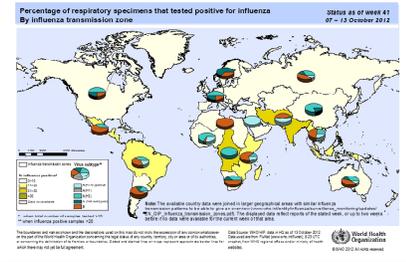


United States

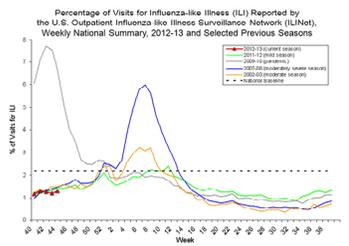
- During week 44, local influenza activity was reported in Alabama, Alaska, Georgia, Iowa, New York, Texas, and Wyoming.
- Regional influenza activity was reported in Maine.
- All other states reported sporadic or no activity.

Global

- In recent weeks, some tropical areas have noted increased influenza transmission. Nicaragua and Costa Rica have seen increased influenza B virus circulation.

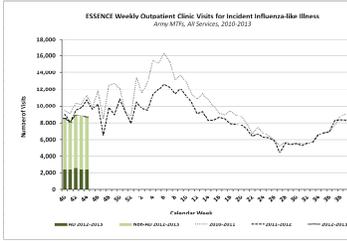


ILI Activity United States



- For week 44, 1.3% of outpatient visits reported through ILINet were due to ILI.
- The percentage of ILI outpatient visits ranged from 0.6 to 2.4% across regions.
- Overall, the percentage remains below the national baseline of 2.2%.

ILI Activity Army



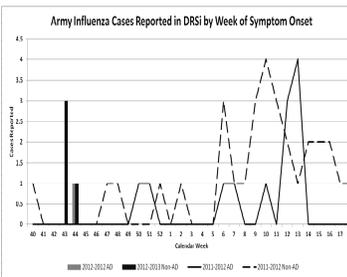
- Overall incident ILI activity is 19% lower this year than the same time last year.
- Similar to week 43, Active Duty Service Members accounted for 28% of incident ILI clinic visits during week 44. In the 2011-2012 season, AD SMs comprised 33% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2012-13					
Test Result	Week 41	Week 42	Week 43	Week 44	Total
Influenza A	9	36	44	44	133
Influenza B	2	1	3	1	7
Adenovirus	4	5	5	3	17
Enterovirus	0	2	0	1	3
Parainfluenza	7	15	12	17	51
RSV	15	29	37	17	98
Negative	245	344	315	368	1272
Total Results	282	432	416	451	1130

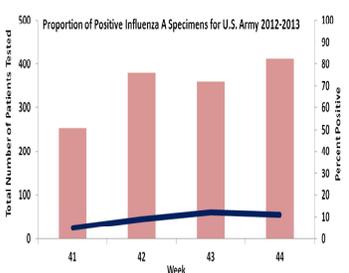
- 18% of respiratory specimens were positive during week 44.
- Influenza A accounted for 53% of positive specimens.
- Parainfluenza and RSV each accounted for 20% of positive specimens.
- Adenovirus accounted for 4% of all positive samples.

DRSi Influenza Case Reporting



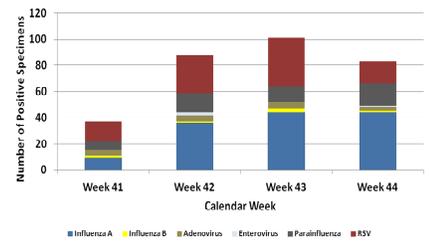
- Five cases of hospitalized influenza have been reported in DRSi since September 2012.
- Of those five cases, four were reported as non-AD. All five cases were reported from Ft. Gordon.
- Only one case was reported during the same period last year.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests increased from weeks 40 through 43, from 1% to 12%, but decreased slightly to 11% in week 44.
- 37 of the 44 (84%) positive influenza A specimens were from non-Active Duty personnel.
- 40 of the 44 (91%) positive influenza A specimens were from SRMC.
- PRMC had two positive specimens. NRMC and ERMC each had one positive specimen, while WRMC had none.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 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; ARD - Acute Respiratory Disease; NHRC - Naval Health

Questions?

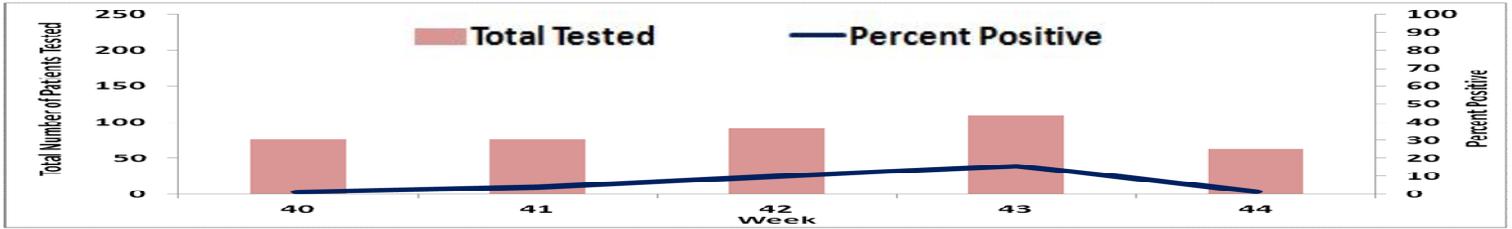
Email USAPHC-DEP
410-417-3774



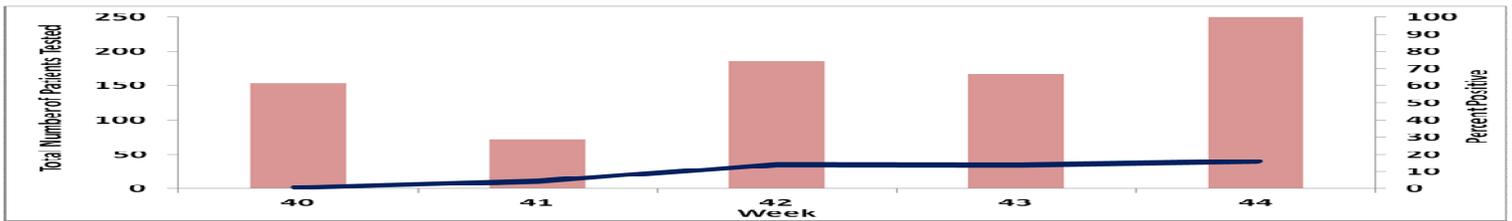
U.S. Army Influenza Activity Report

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2012-13

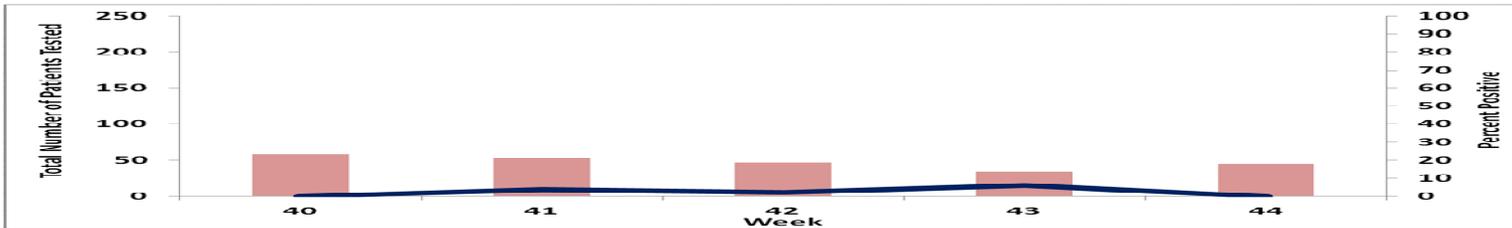
Northern Regional Medical Command (NRMC)



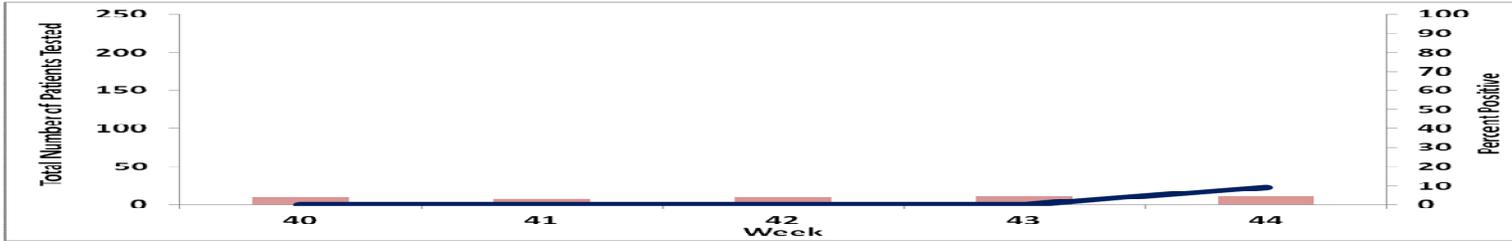
Southern Regional Medical Command (SRMC)



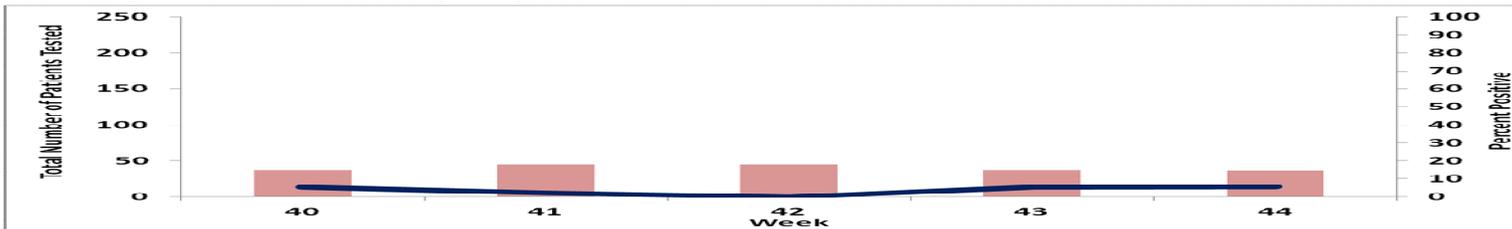
Western Regional Medical Command (WRMC)



European Regional Medical Command (ERMC)



Pacific Regional Medical Command (PRMC)



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43		Week 44	
	AD	Non-AD								
NRMC	1	0	0	3	2	7	2	15	1	0
SRMC	0	1	1	2	5	21	4	19	5	35
WRMC	0	0	0	2	1	0	1	1	0	0
ERMC	0	0	0	0	0	0	0	0	1	0
PRMC	0	2	0	1	0	0	0	2	0	2

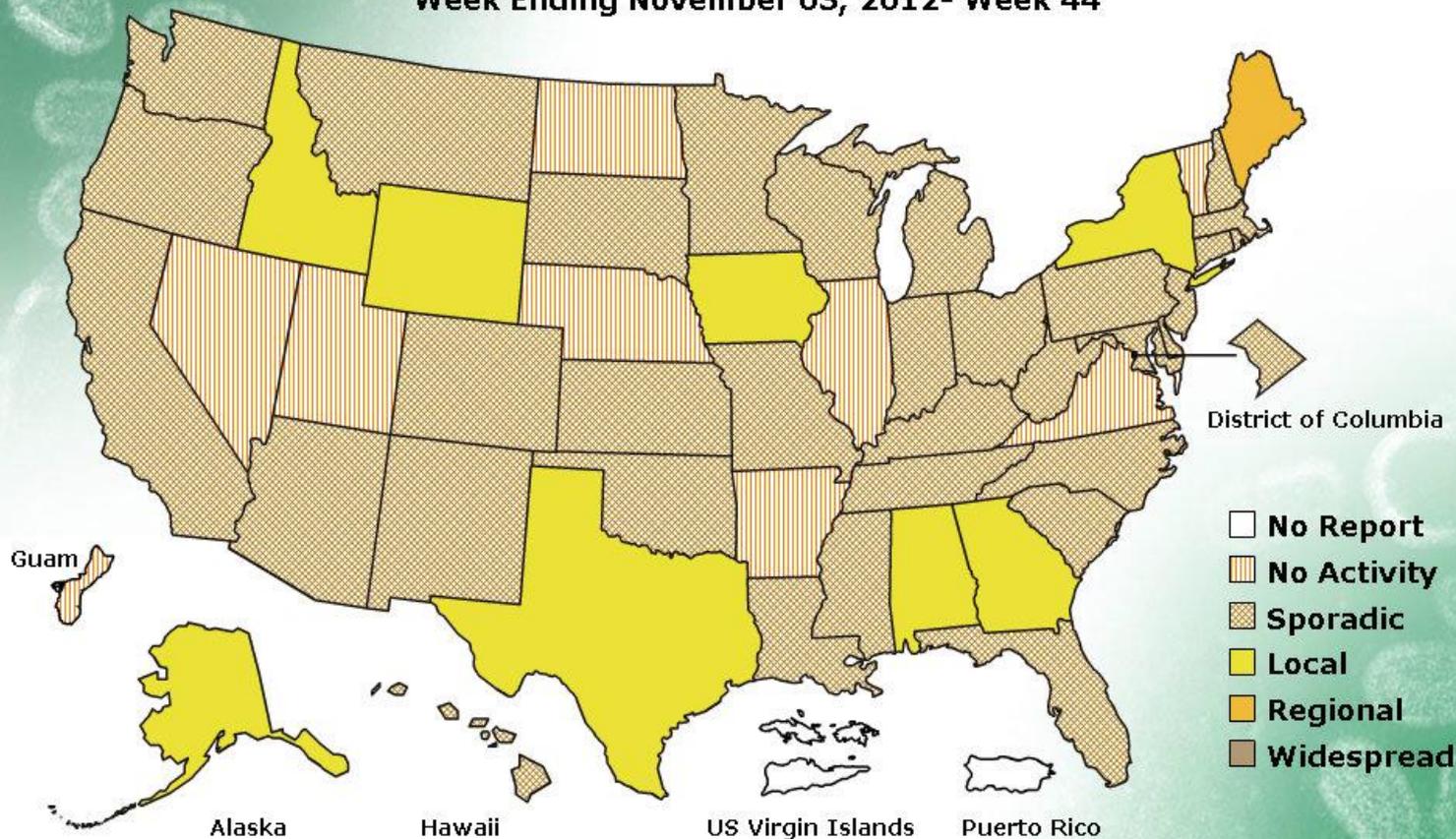
Locations providing week 44 laboratory data as of 6 November 2012: Korea, Ft Bliss, Ft Bragg, Ft Gordon, Ft Hood, Ft Lewis, Ft Sam Houston, Landstuhl, Tripler, Ft Benning, Ft Carson, Ft Campbell, Ft Irwin, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Polk, Ft Rucker, Ft Wainwright, Redstone Arsenal, Ft Knox

FLUVIEW



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

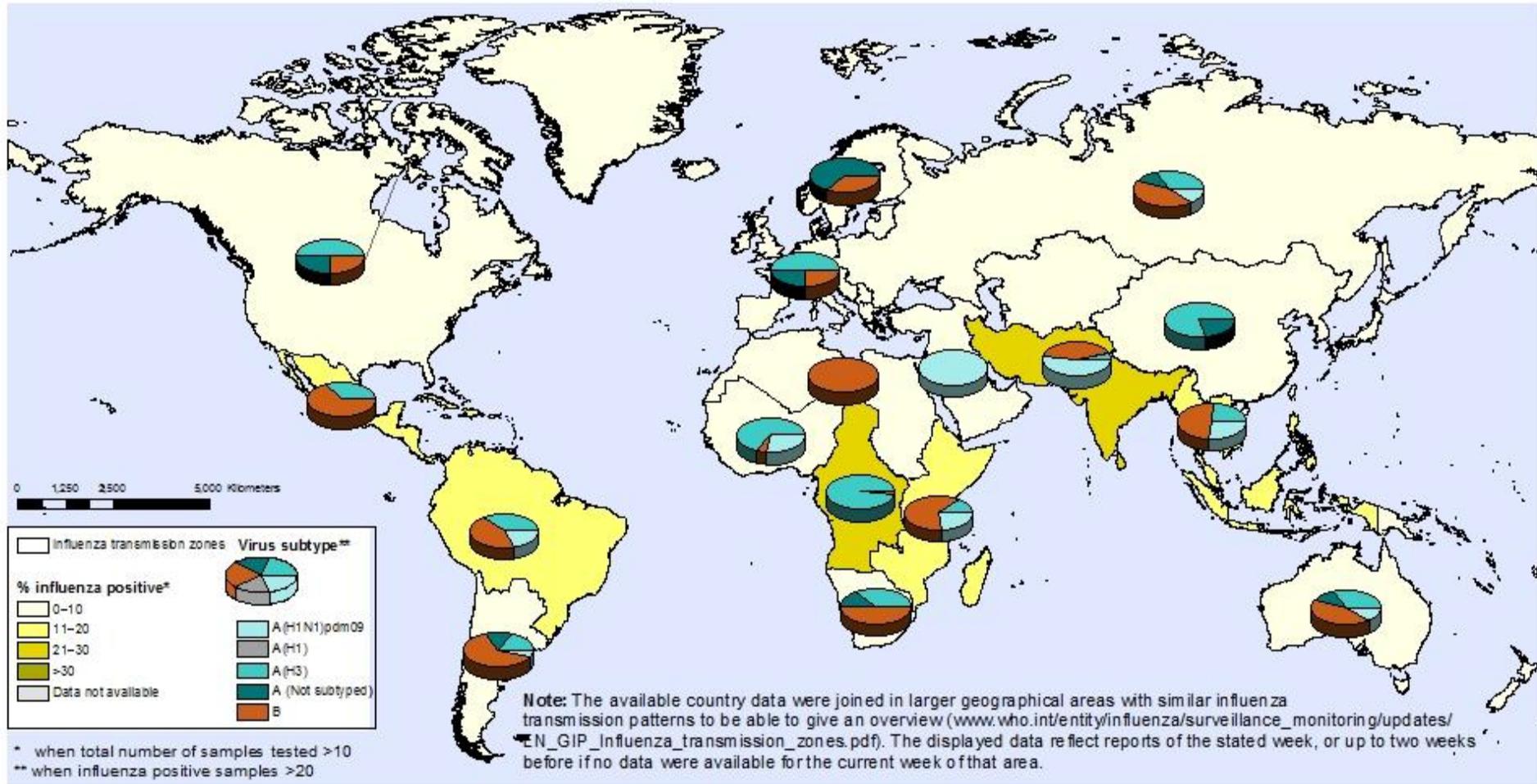
Week Ending November 03, 2012- Week 44



*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
07 – 13 October 2012



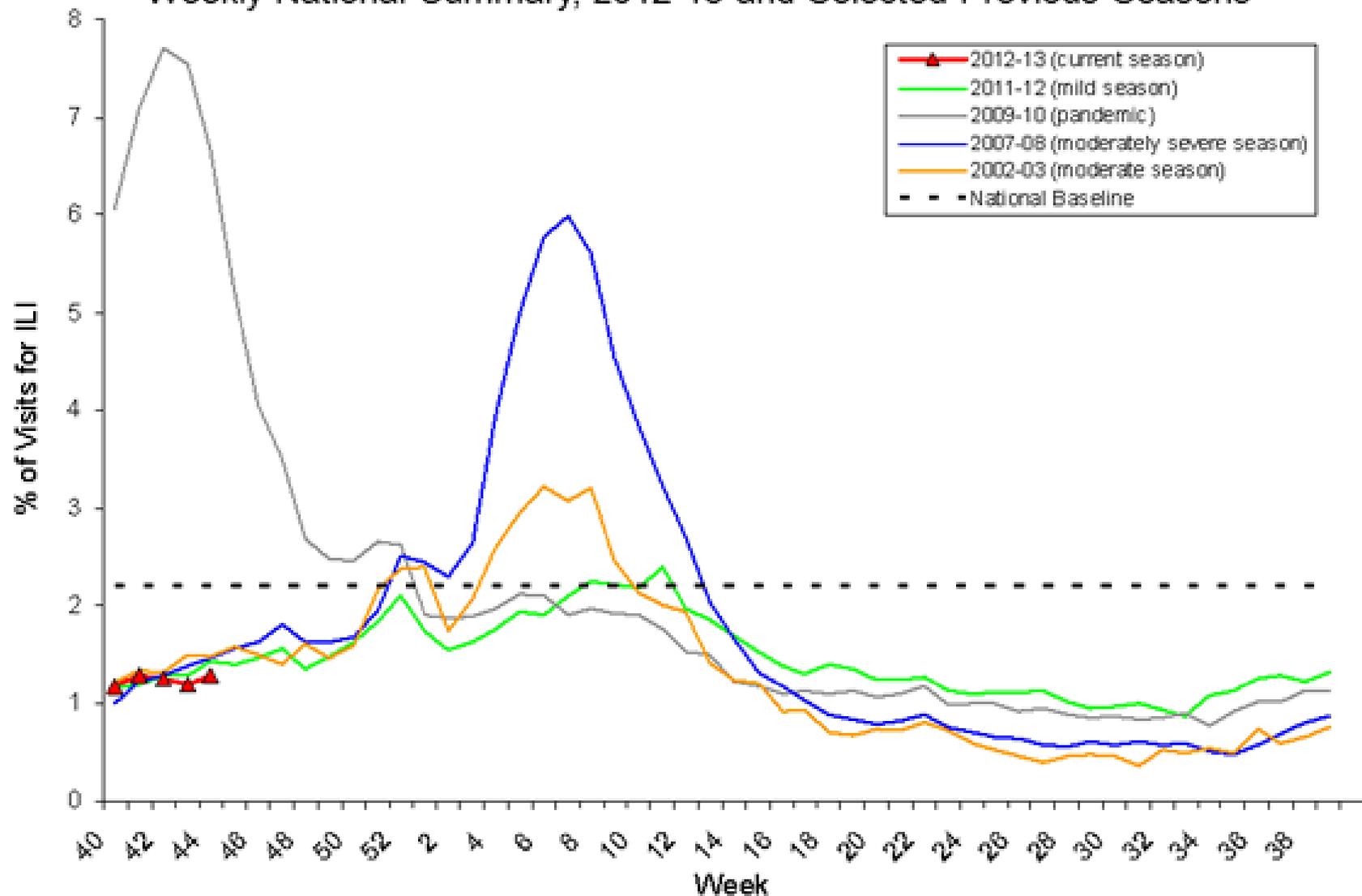
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: WHO/HIP, data in HQ as of 13 October 2012. Data used are from FluNet (www.who.int/flu-net), 8:23 UTC snapshot, from WHO regional offices and/or ministry of health websites.



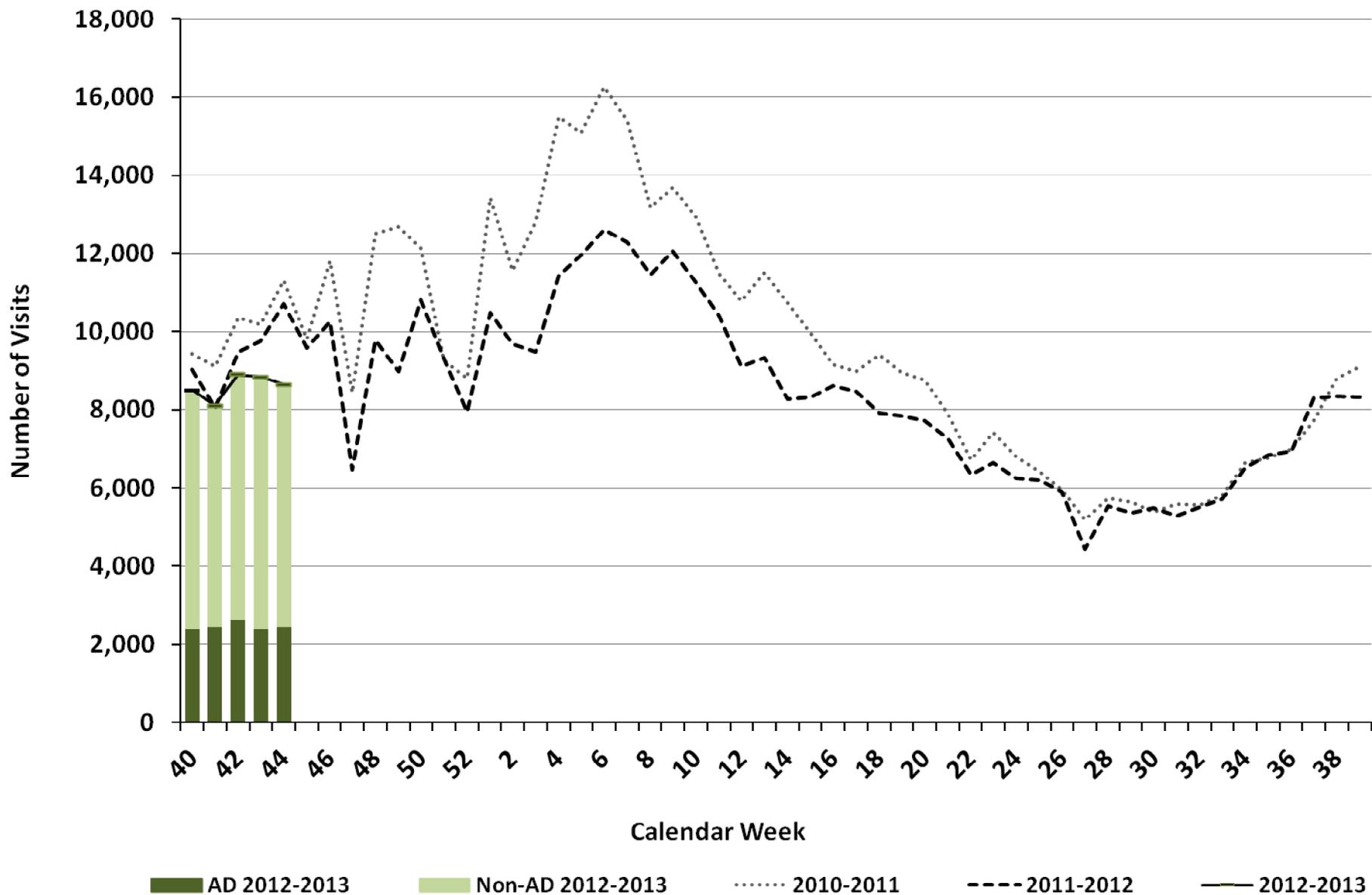
© WHO 2012. All rights reserved.

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



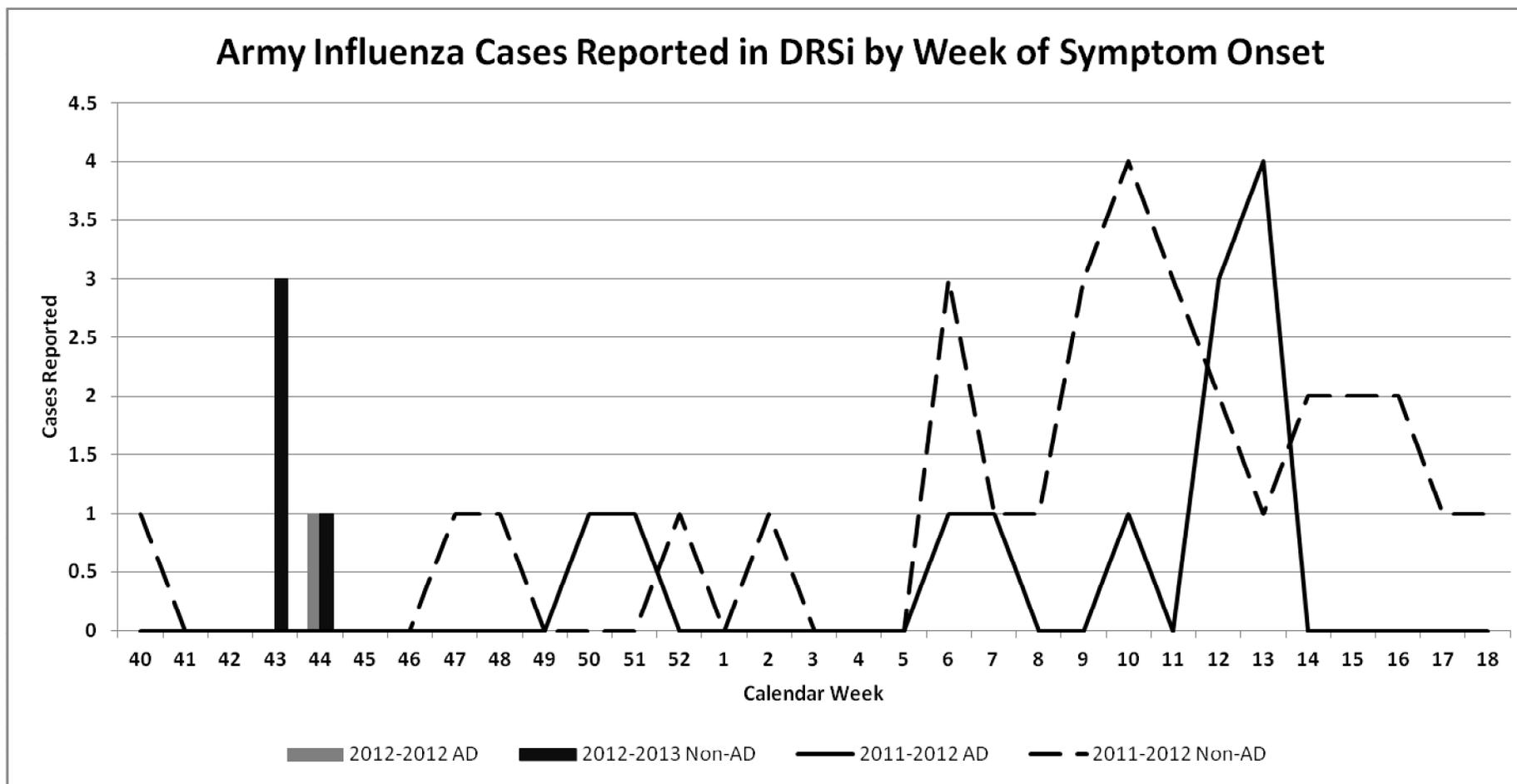
ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2013

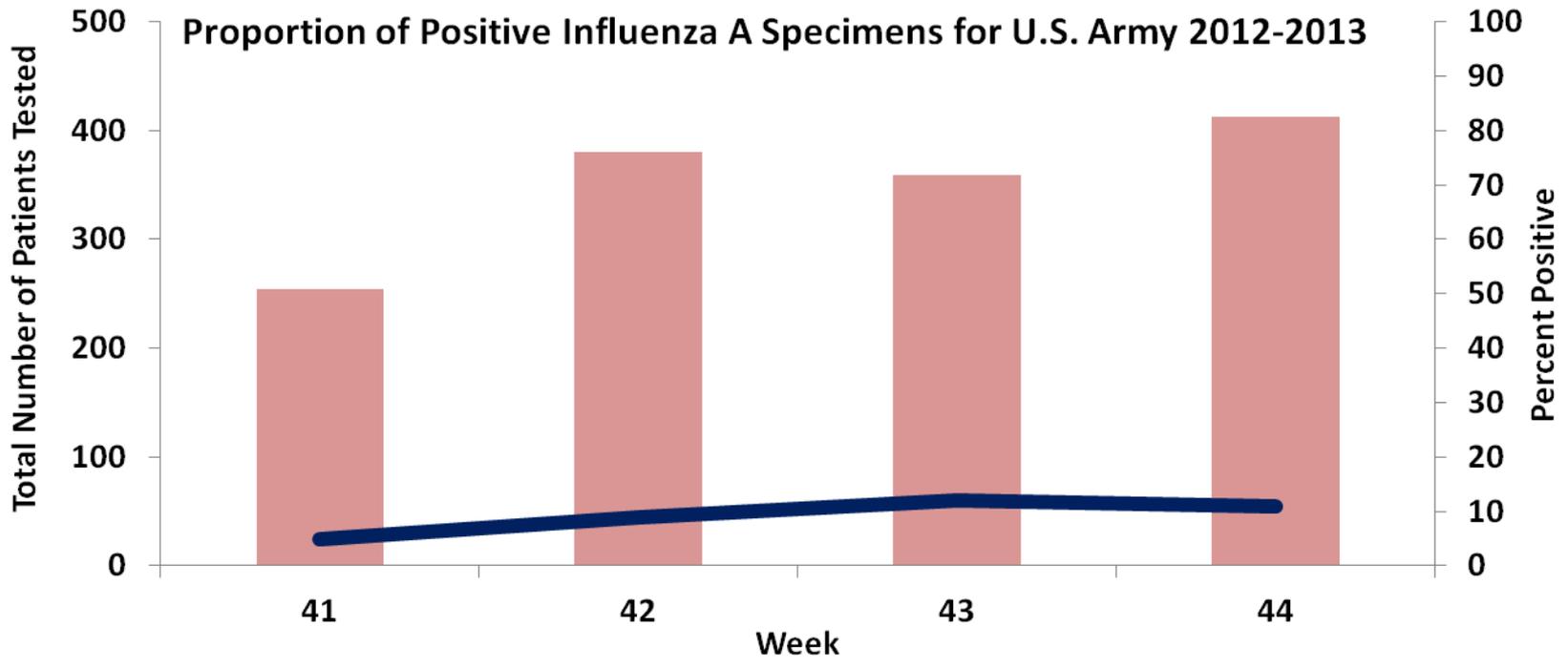


Army MTF Laboratory Results, 2012-13

Test Result	Week 41	Week 42	Week 43	Week 44	Total
Influenza A	9	36	44	44	133
Influenza B	2	1	3	1	7
Adenovirus	4	5	5	3	17
Enterovirus	0	2	0	1	3
Parainfluenza	7	15	12	17	51
RSV	15	29	37	17	98
<i>Negative</i>	245	344	315	368	1272
Total Results	282	432	416	451	1130



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 06 November 2012.



Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season

