

Click on images
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U.S. Army Influenza Activity Report

Week Ending 27 October 2012 (Week 43)

2012-2013 Seasonal Influenza Vaccination Coverage

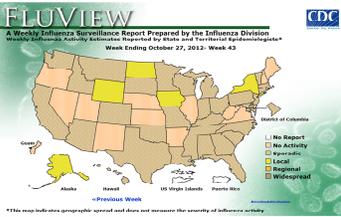
As of 1 NOV 2012

73%	DOD
78%	Army Active Duty
60%	Army Guard
46%	Army Reserve

SYNOPSIS: Although MTFs are beginning to see an increase in influenza-positive specimens, 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 14% lower this year than the same time last year.
- **Influenza cases:** No hospitalized influenza cases have been reported in DRSi this influenza season.
- **Acute Respiratory Disease at BCT sites:** ARDS rates are lower at all Army BCT sites for 2012 compared to 2011.
- **Viral specimens:** During week 43, 90 of 430 (21%) clinical specimens tested were positive for respiratory pathogens. Influenza A was identified in 39 (43%) of these positive samples. Most of the Army influenza positive specimens were reported by SRMC (56%), primarily at Ft Gordon and Ft Stewart (56%).

Geographic Spread

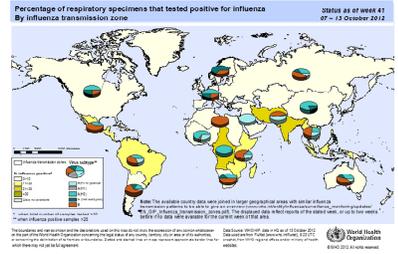


United States

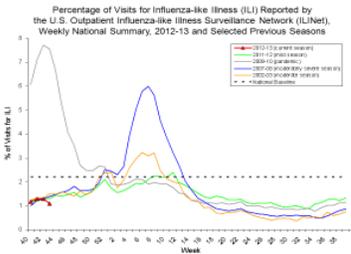
- Local influenza activity was reported in Alaska, Iowa, New York, North Dakota and Wyoming.
- The remaining states and territories reported sporadic activity or no influenza activity.

Global

- Central Asia and sub-Saharan Africa reported the highest percentage of influenza positive respiratory specimens, followed by Central and South America, Southwest Asia and East Africa.

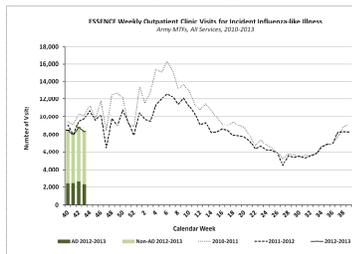


ILI Activity United States



- For week 43, 1.1% of outpatient visits reported through ILINet were due to ILI.
- The percentage of ILI outpatient visits ranged from 0.5 to 2.3% across regions.
- Overall, the percentage is below the national baseline of 2.2%.

ILI Activity Army



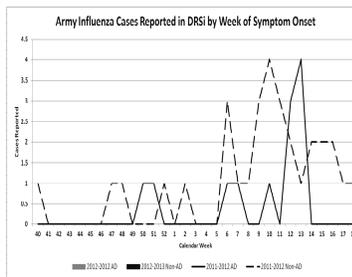
- Overall incident ILI activity is 14% lower this year than the same time last year.
- Similar to week 42, Active Duty Service Members accounted for 28% of incident ILI clinic visits during week 43. In the 2011-2012 season, AD SMs comprised 34% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 40	Week 41	Week 42	Week 43	Total
Influenza A	4	9	35	39	87
Influenza B	0	2	1	2	5
Adenovirus	4	4	5	4	17
Enterovirus	1	0	2	0	3
Parainfluenza	5	6	15	10	36
RSV	25	12	27	35	99
Negative	384	279	381	340	1384
Total Results	423	312	466	430	1631

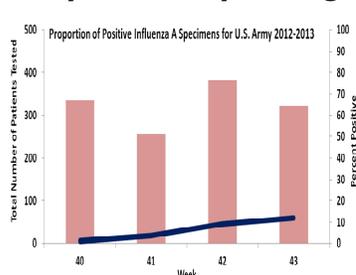
- 21% of respiratory specimens were positive during week 43.
- Influenza A and RSV accounted for 43% and 39% of positive samples, respectively.
- Parainfluenza and adenovirus accounted for 11% and 4% of all positive samples.

DRSi Influenza Case Reporting



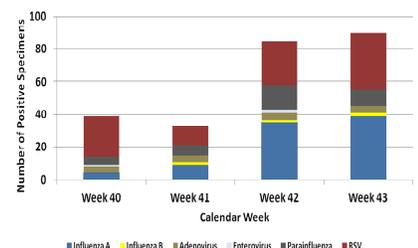
- No cases of hospitalized influenza have been reported in DRSi since September 2012
- Only one case had been reported during the same period last year.
- Since July 2012, eight cases of influenza-associated hospitalization have occurred at Army MTFs, two of which have been in Army AD SMs.

Army Laboratory Testing for Influenza A



- The proportion of positive influenza A tests increased from weeks 40 through 43, from 1.2% to 12.1% over this four week period.
- 32 of the 30 (82%) positive specimens were from non-active duty personnel.
- 22 of the 39 (56%) positive specimens were from SRMC, where most of the influenza tests were ordered (55%).
- Due to Hurricane Sandy, many NRMCM installations were unable to send data.

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 Research Center; ADV - Adenovirus; RSV - Respiratory Syncytial Virus

Questions?

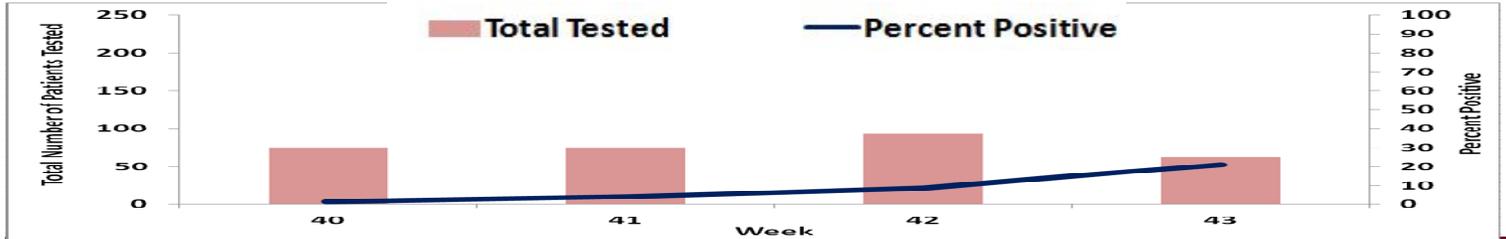
<http://phc.amedd.army.mil>



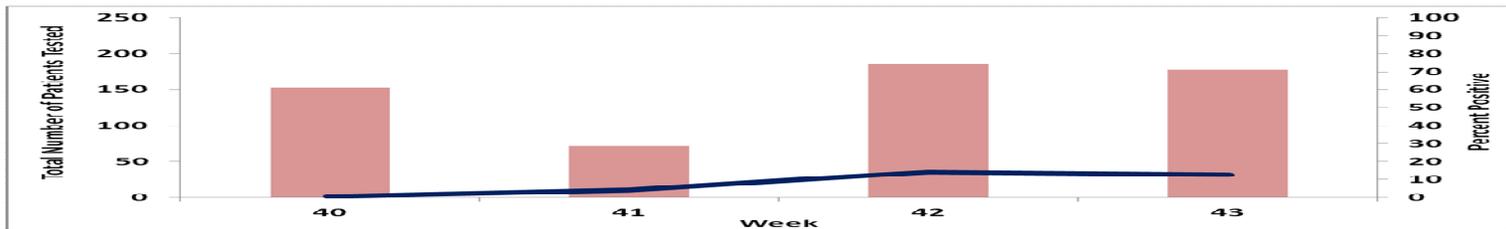
U.S. Army Influenza Activity Report

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

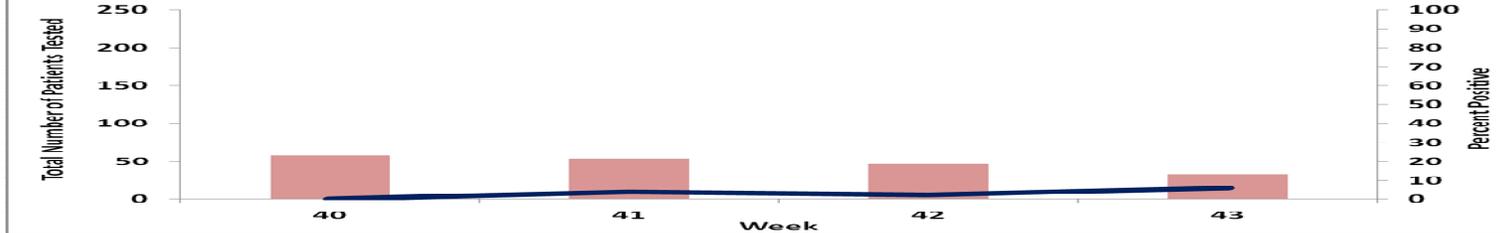
Northern Regional Medical Command (NRMC)



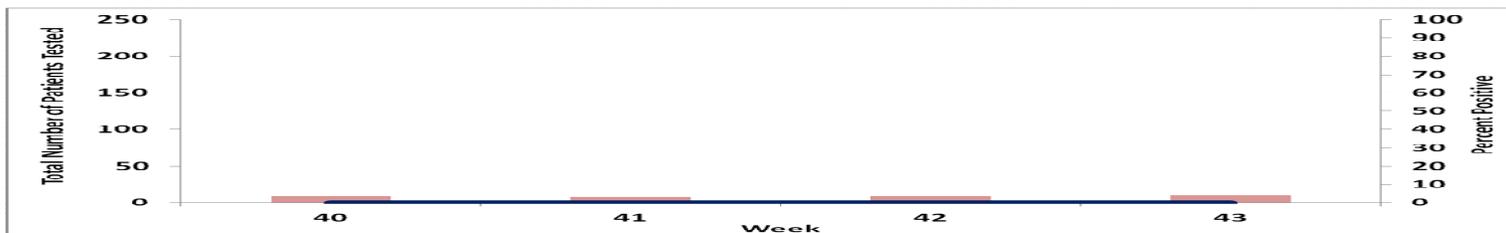
Southern Regional Medical Command (SRMC)



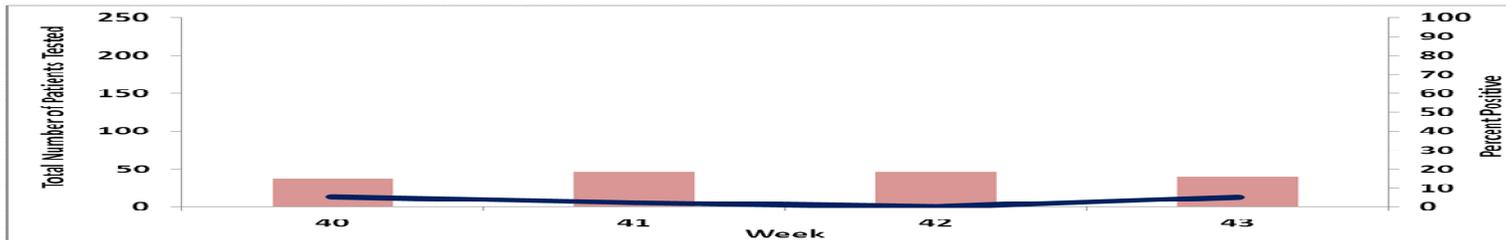
Western Regional Medical Command (WRMC)



European Regional Medical Command (ERMC)



Pacific Regional Medical Command (PRMC)



Region	Week 40		Week 41		Week 42		Week 43	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	1	0	0	3	2	6	2	11
SRMC	0	1	1	2	5	25	4	18
WRMC	0	0	0	2	1	0	1	1
ERMC	0	0	0	0	0	0	0	0
PRMC	0	2	0	1	0	0	0	2

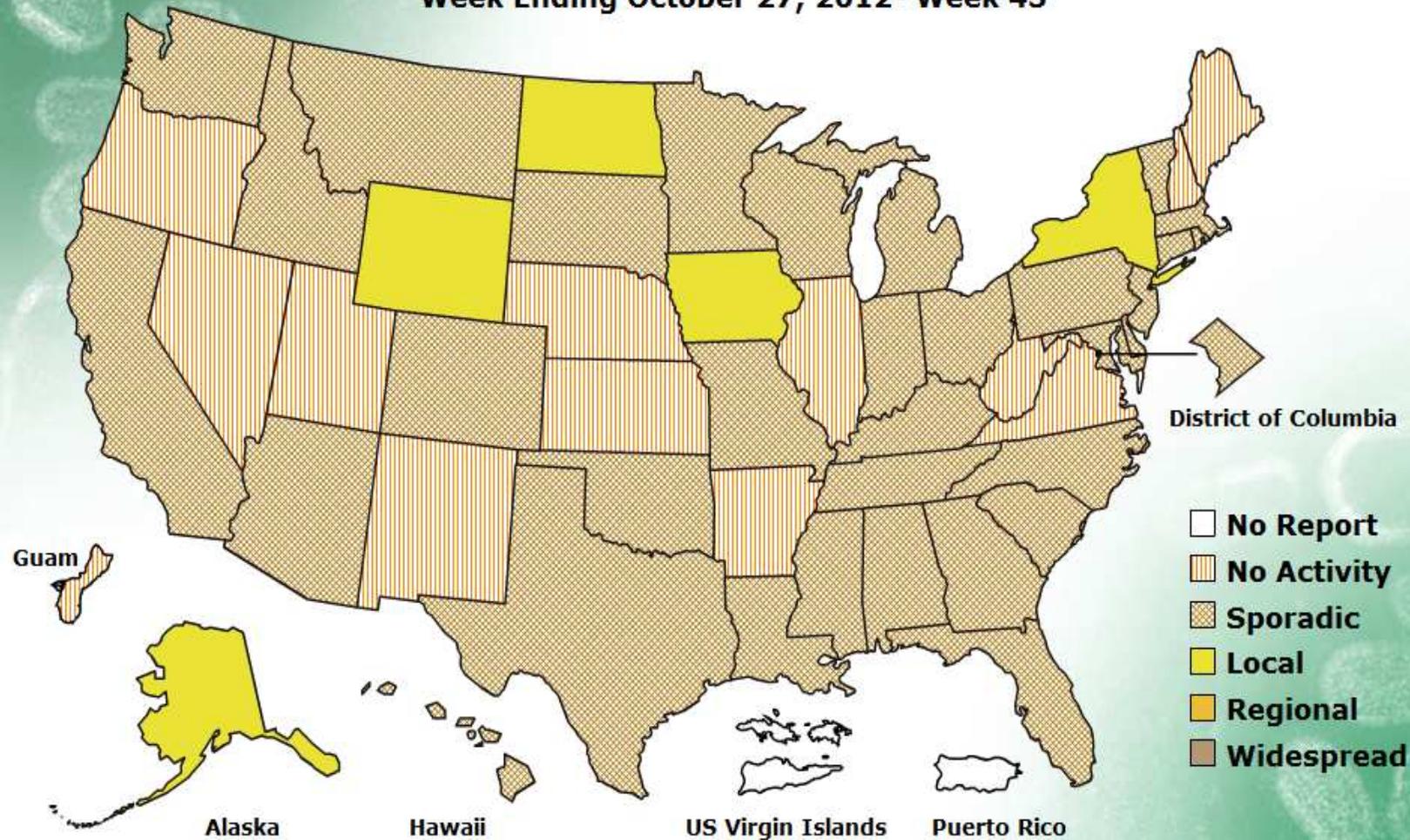
Locations providing week 43 laboratory data as of 30 October 2012: Korea, Ft Bliss, Ft Bragg, Ft Gordon, Ft Hood, Ft Lewis, Ft Sam Houston, Landstuhl, Tripler, Ft Benning, Ft Carson, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Irwin, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Polk, Ft Rucker, Ft Wainwright, Redstone Arsenal

FLUVIEW



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

Week Ending October 27, 2012- Week 43



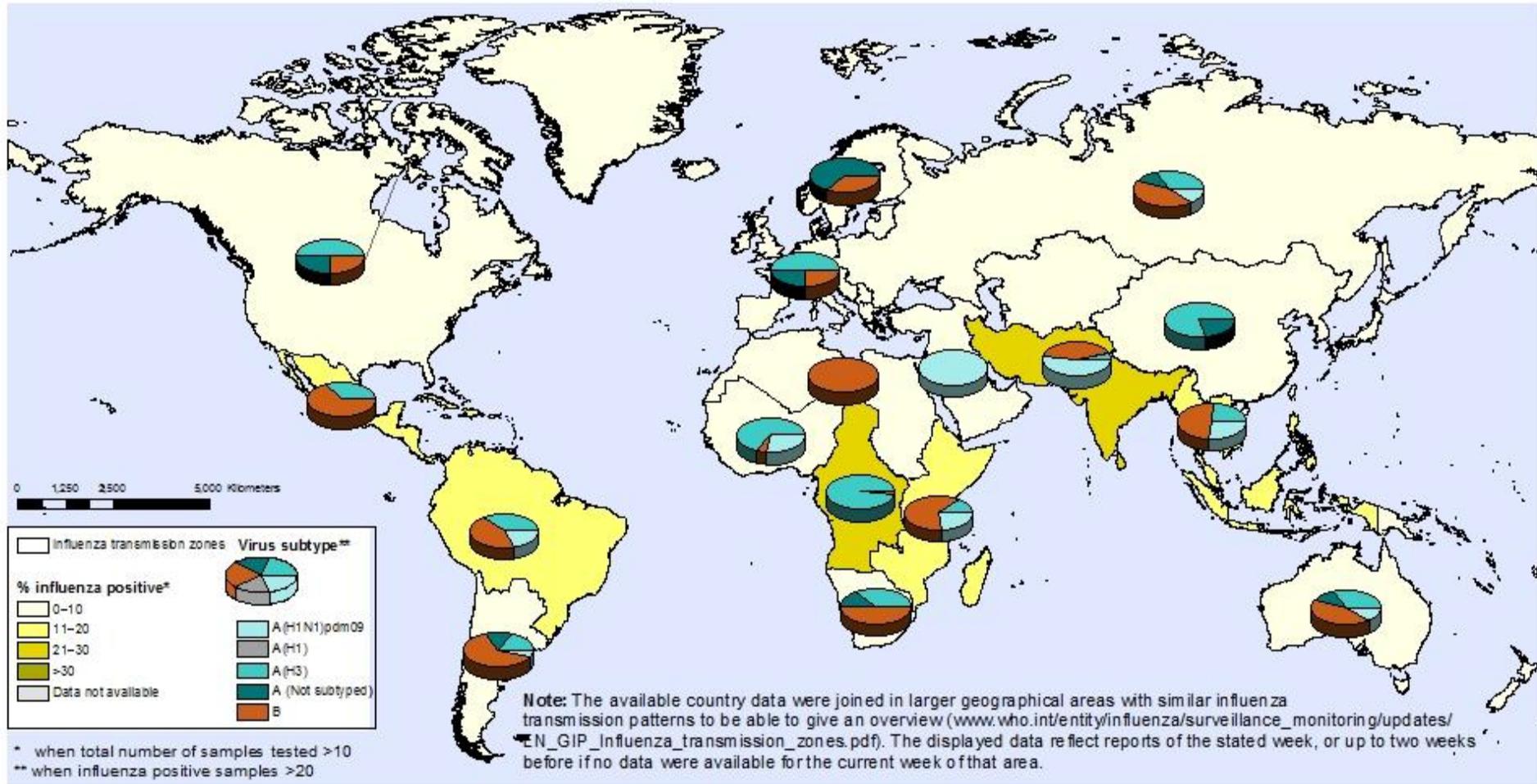
[«Previous Week](#)

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*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



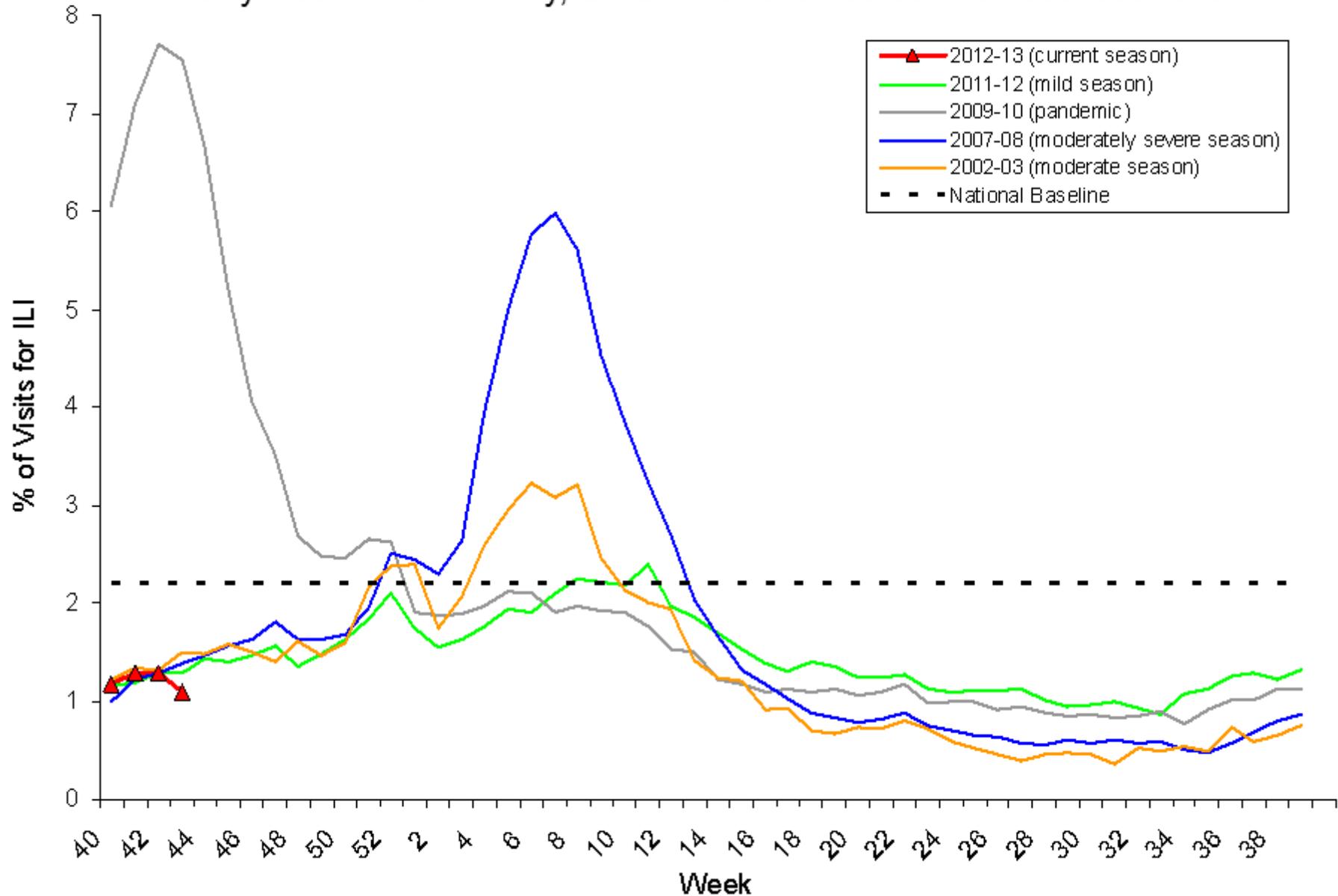
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers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

Data Source: WHO/IHIP, 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.



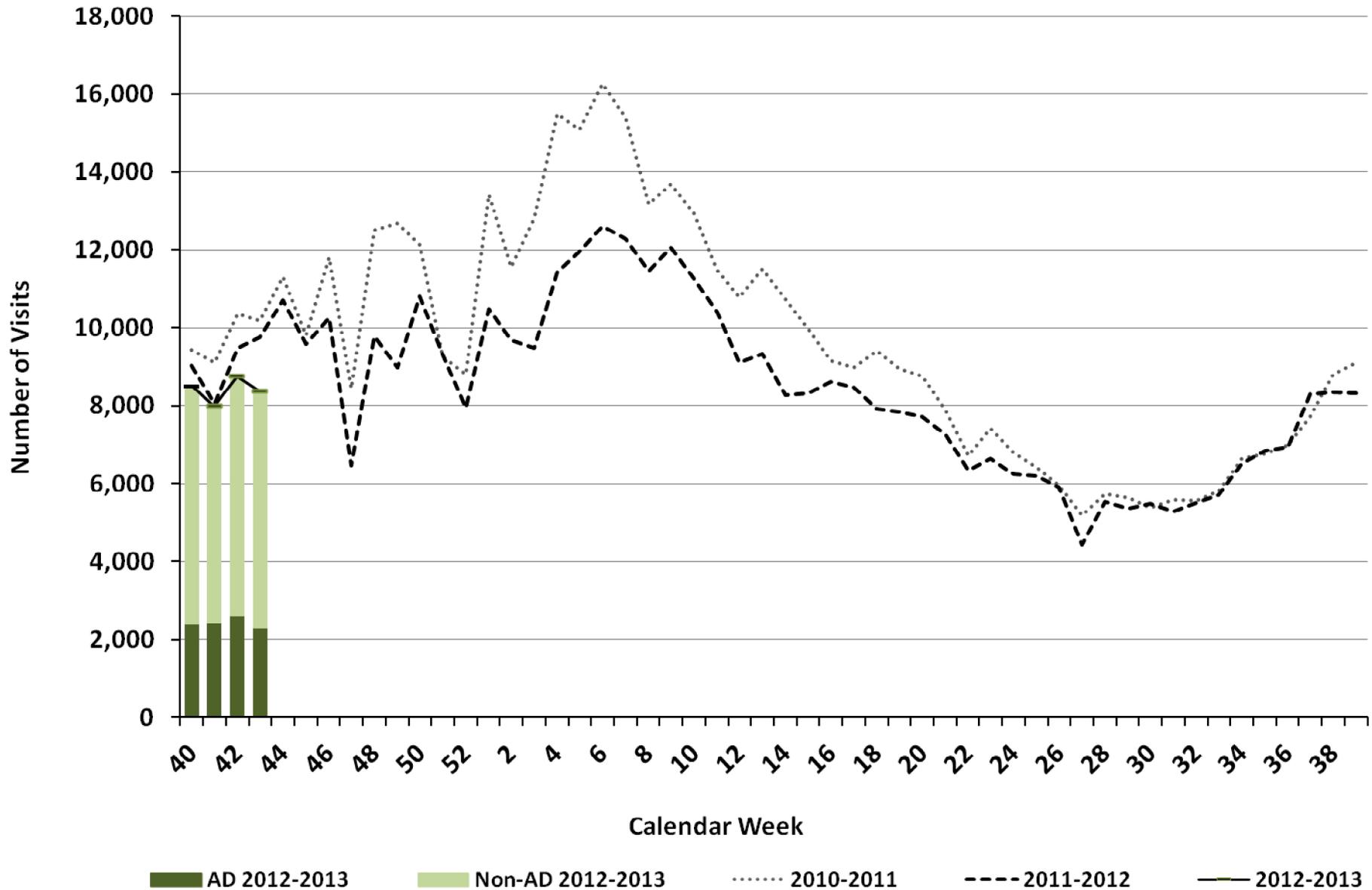
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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



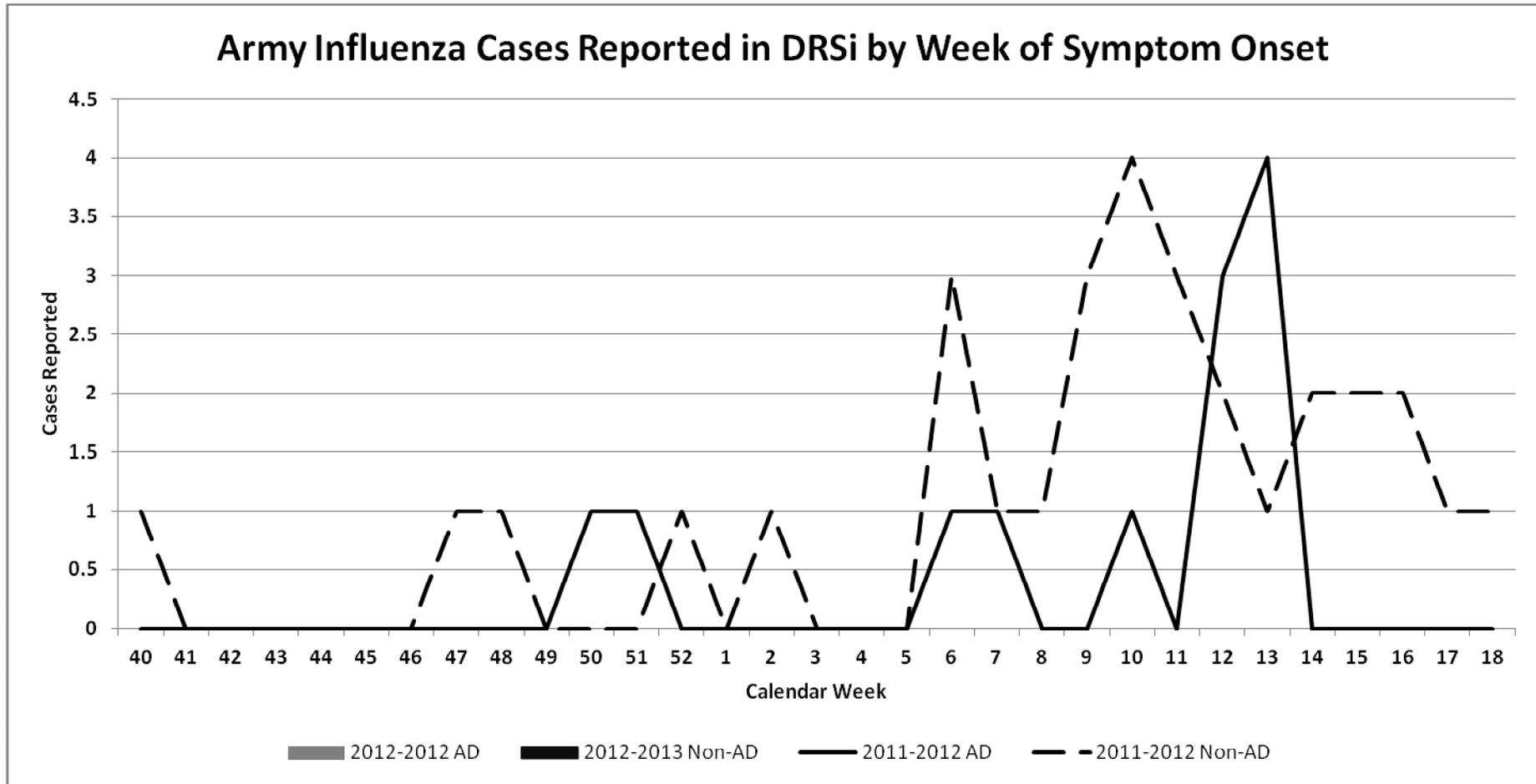
ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2013

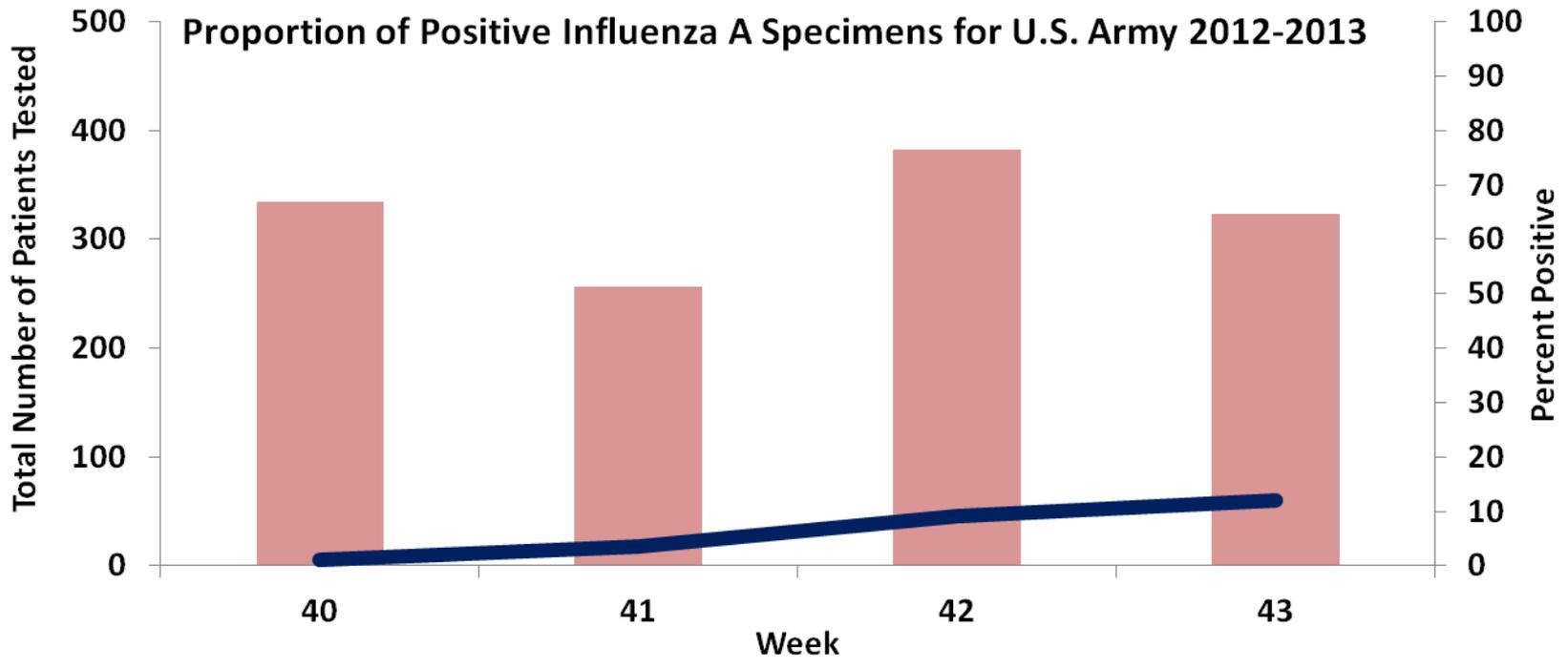


Army MTF Laboratory Results, 2012-13

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Total Results	423	312	466	430	1631



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 31 October 2012.



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

