

Click on images to enlarge.

U.S. Army Influenza Activity Report

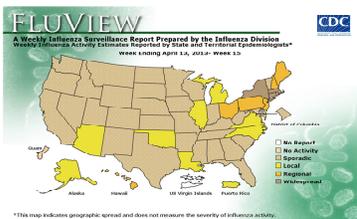
Week Ending 13 April 2013 (Week 15)

2012-2013 Seasonal Influenza Vaccination Coverage As of 26 MAR 2013	
97%	DOD
98%	Army Active Duty
93%	Army Guard
87%	Army Reserve

SYNOPSIS: Influenza-like illness (ILI) activity continues decreasing in both Army and civilian populations. Influenza B still exceeds influenza A among typed specimens. More cases of influenza virus A(H7N9) continue to be identified in China; risk to DoD personnel is still assessed as very low.

- **ILI Activity:** Army incident ILI outpatient visits in week 15 were 2% lower than the same week last year.
- **Influenza cases:** Two hospitalized influenza cases were reported to USAPHC in week 15. 97 hospitalized cases have been reported during this influenza season, 85 in dependents and 12 in Active Duty.
- **Acute Respiratory Disease at BCT sites:** ARD rates remain low; rates did not increase significantly at any sites during week 15.
- **Viral specimens:** During week 15, 127 of 611 (21%) laboratory specimens tested were positive for respiratory pathogens. Influenza B accounted for 51% of positive specimens. Most of the influenza positive specimens were from PRMC (11%); ERMC and WRMC accounted for 7% each.

Geographic Spread

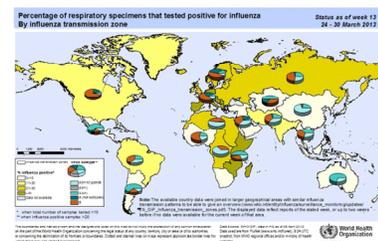


United States

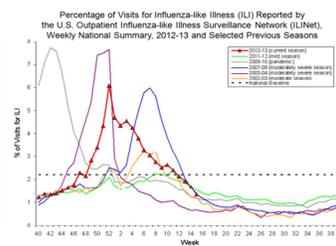
- During week 15, only 9 states reported widespread or regional activity. Washington DC, Puerto Rico & 41 states reported local or sporadic activity. Guam reported no influenza activity.

Global

- To date, a total of 91 cases of H7N9 avian influenza have been reported from China (17 fatal). No evidence of ongoing human-to-human transmission has been detected. Investigations into the sources of infection and reservoirs of the virus continue.

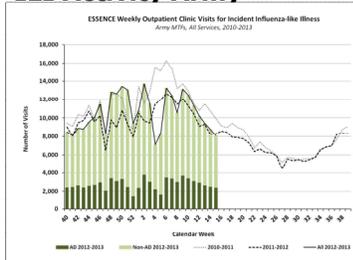


ILI Activity United States



- For week 15, 1.3% of outpatient visits reported through ILI-Net were due to ILI, which is below the national baseline.
- Only 1 of 10 regions reported a proportion of outpatient visits for ILI above their specific baselines.
- The percentage of ILI outpatient visits ranged from 0.4 to 1.9% across regions.

ILI Activity Army



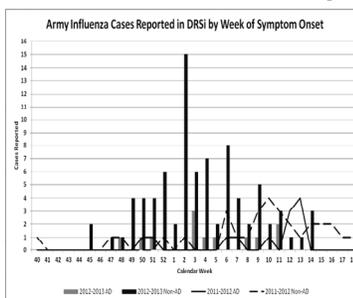
- During week 15, incident ILI activity was 2% lower than at the same time last year and 18% lower than during the 2010-2011 season.
- Active Duty (AD) Service Members (SMs) accounted for 29% of incident ILI clinic visits during week 15; in 2011-2012, AD SMs comprised 30% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2012-13					Season
Test Result	Week 12	Week 13	Week 14	Week 15	Total
Influenza A	45	29	25	19	10638
Influenza B	96	84	67	65	3120
Adenovirus	11	9	9	10	451
Enterovirus	0	0	0	0	16
Parainfluenza	6	7	9	17	978
RSV	32	18	15	16	4158
Negative	734	509	519	484	118453
Total Results	924	656	644	611	2835

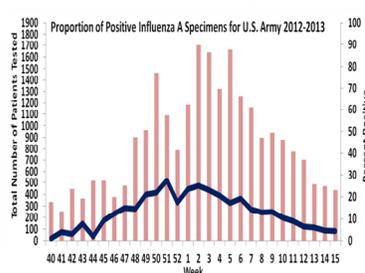
- 21% (127) of respiratory specimens were positive during week 15; influenza B accounted for 51% of positive specimens.
- Influenza A accounted for 15% of positive specimens, and RSV and parainfluenza each accounted for 13%.
- Adenovirus accounted for 8% of positive specimens.

DRSi Influenza Case Reporting



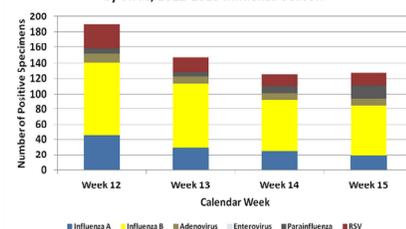
- In week 15, two reports of influenza-associated hospitalization.
- 97 hospitalized influenza cases have been reported this season for the US Army, 85 (88%) in dependents and 12 (12%) in AD SMs.
- At the same time last influenza season, 12 AD SMs were reported hospitalized with influenza.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 15 (4%) remained stable from week 14 (5%).
- 11 of the 19 (58%) positive influenza A specimens in week 15 were from non-AD personnel.
- PRMC reported 6 (32%) positive influenza A specimens, and SRMC and WRMC each reported 4 (21%).
- 3 (16%) of the 19 positive specimens were from NRMC.
- ERMC reported 2 (11%) positive influenza A specimens.

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; DEP- Disease Epidemiology Program; SM-Service Member

Questions?

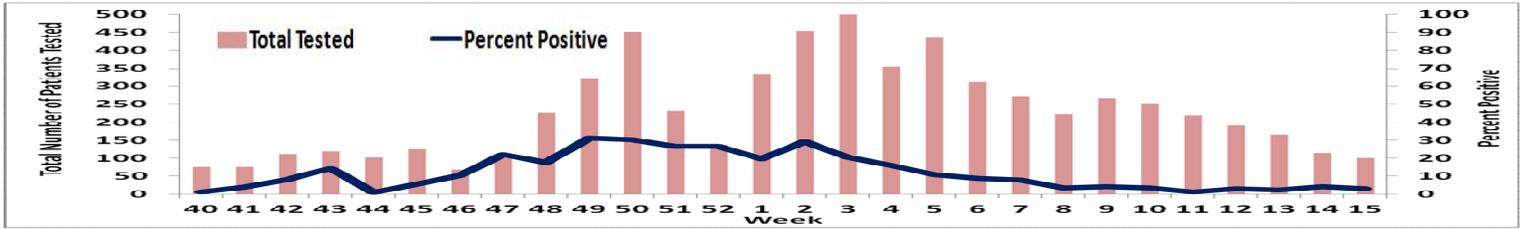
Email USAPHC-DEP
410-417-3774



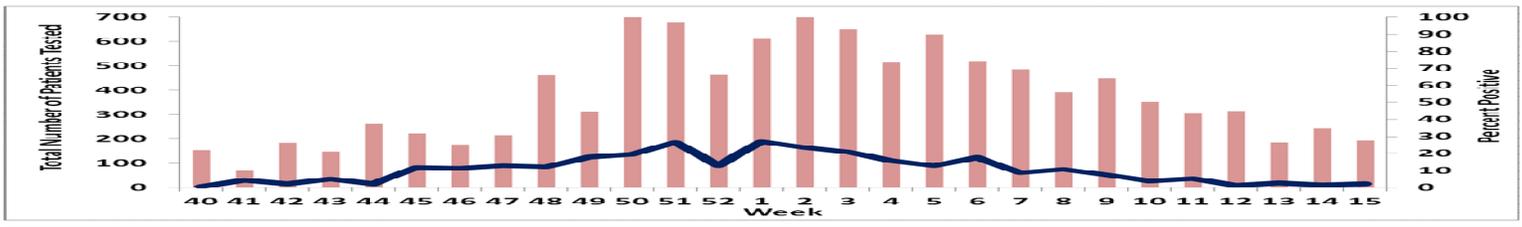
U.S. Army Influenza Activity Report

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

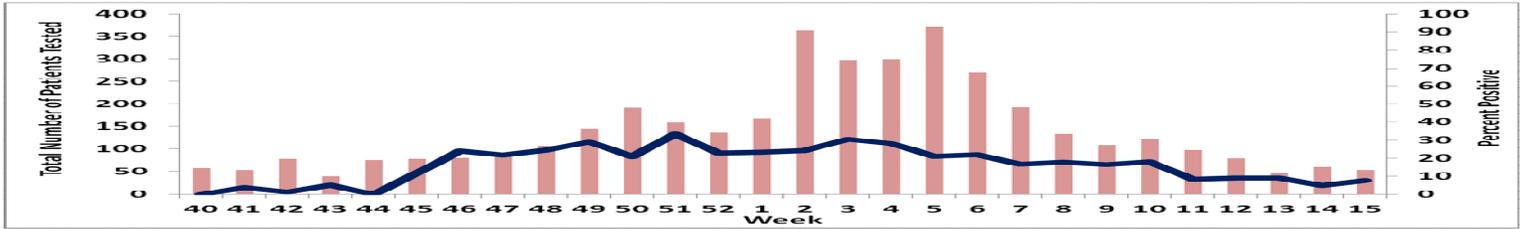
Northern Regional Medical Command (NRMC)



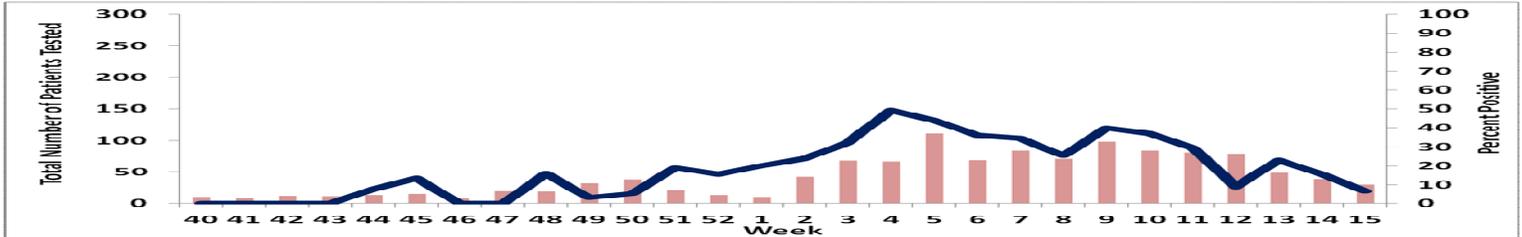
Southern Regional Medical Command (SRMC)



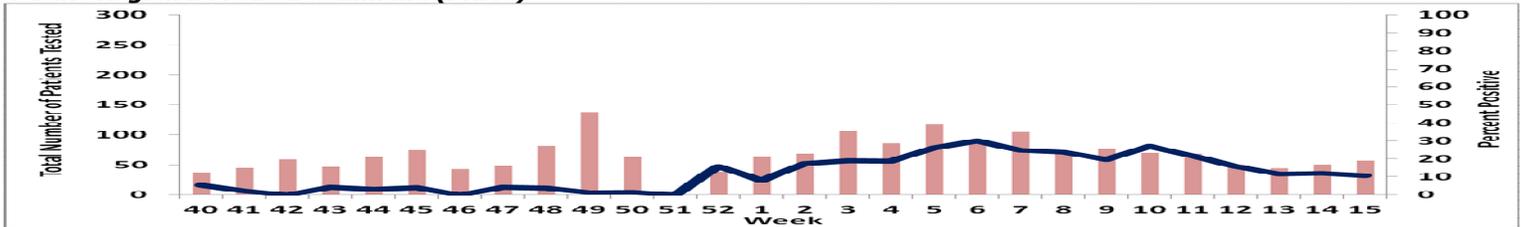
Western Regional Medical Command (WRMC)



European Regional Medical Command (ERMC)



Pacific Regional Medical Command (PRMC)



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 8		Week 9		Week 10		Week 11		Week 12		Week 13		Week 14		Week 15	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	2	6	6	5	1	8	1	2	0	6	0	4	2	1	1	2
SRMC	9	33	11	22	7	6	6	10	1	3	4	1	1	3	3	1
WRMC	5	19	4	14	3	19	0	8	2	5	0	4	0	3	2	2
ERMC	7	11	14	25	13	18	11	13	10	10	3	8	1	5	1	1
PRMC	7	10	3	12	9	10	4	11	4	4	1	4	2	4	1	5
CENTCOM	3	4	2	0	2	0	2	0	0	0	0	0	0	0	0	0

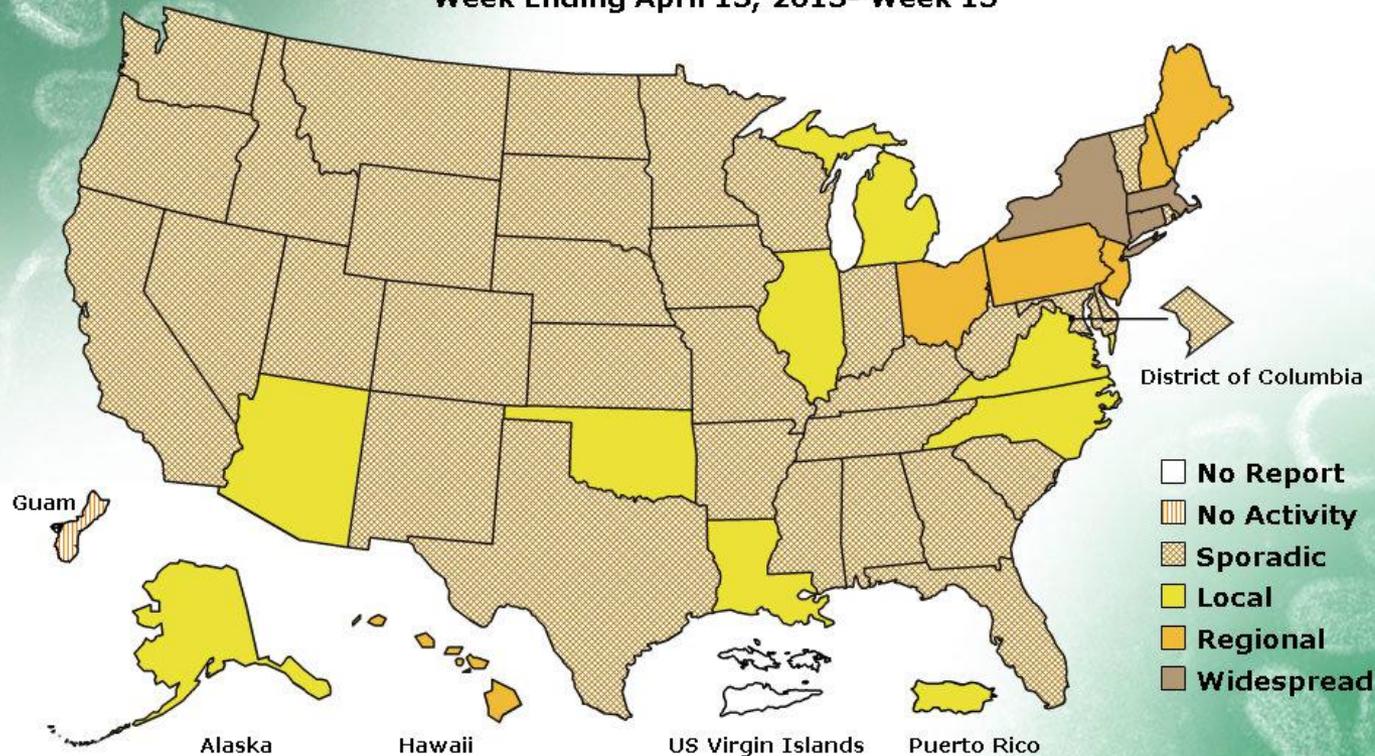
Locations providing week 14 laboratory data as of 18 April 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, 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*

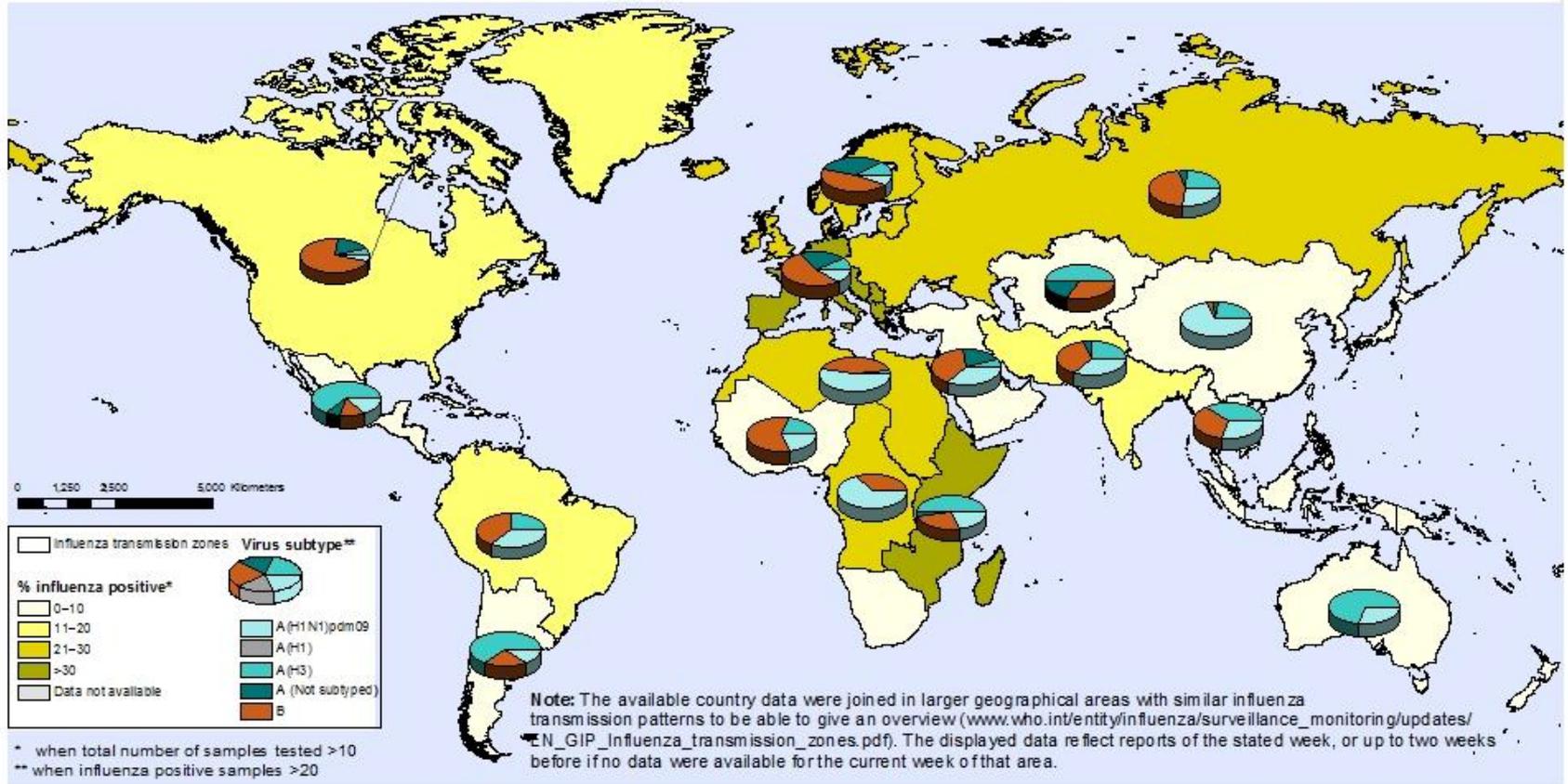
Week Ending April 13, 2013- Week 15



*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 13
24 - 30 March 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.

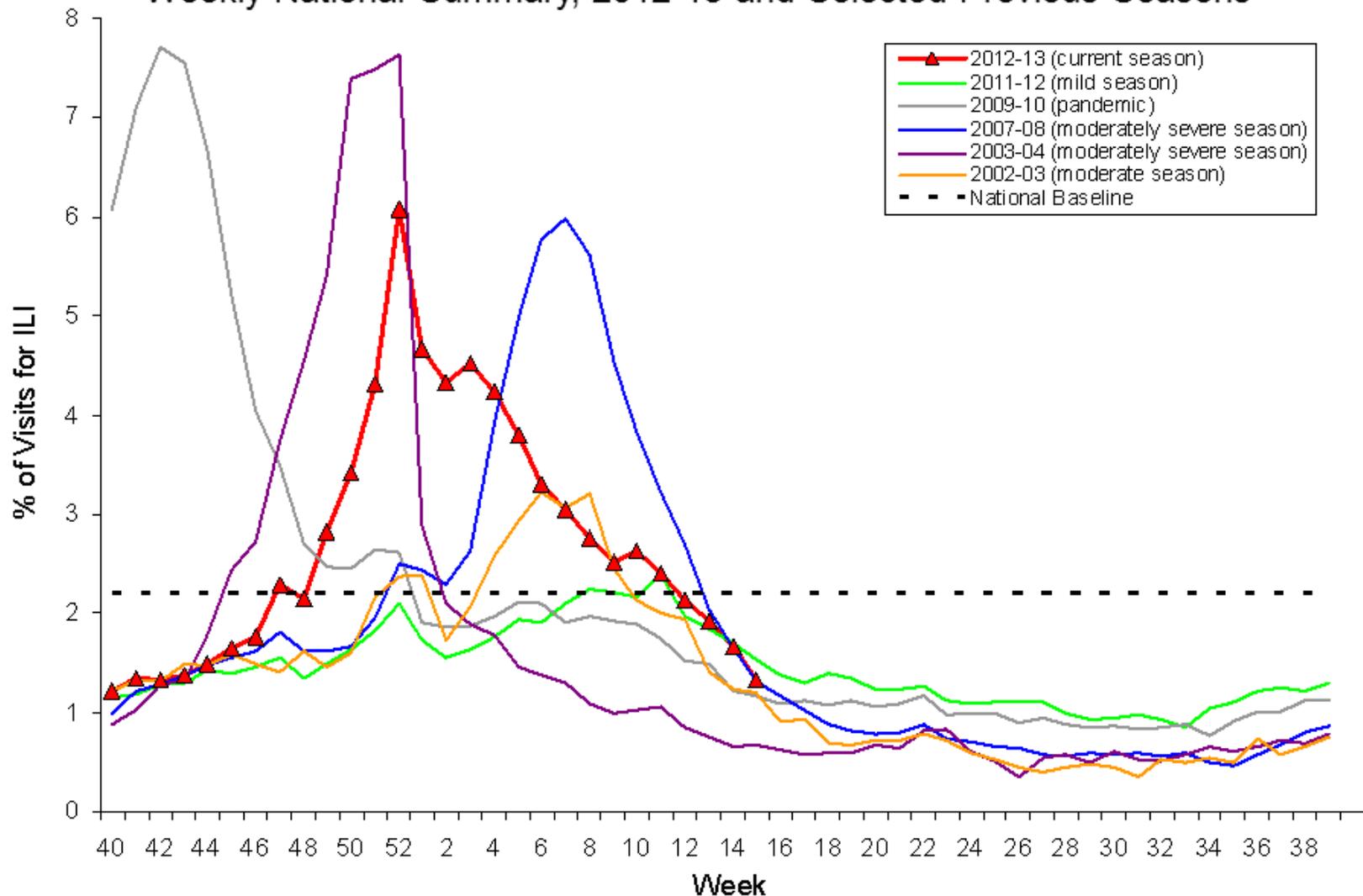
Data Source: WHO/GIP, data in HQ as of 09 April 2013.
Data used are from FluNet (www.who.int/flu-net), 9:24 UTC snapshot, from WHO regional offices and/or ministry of health websites.

 **World Health Organization**
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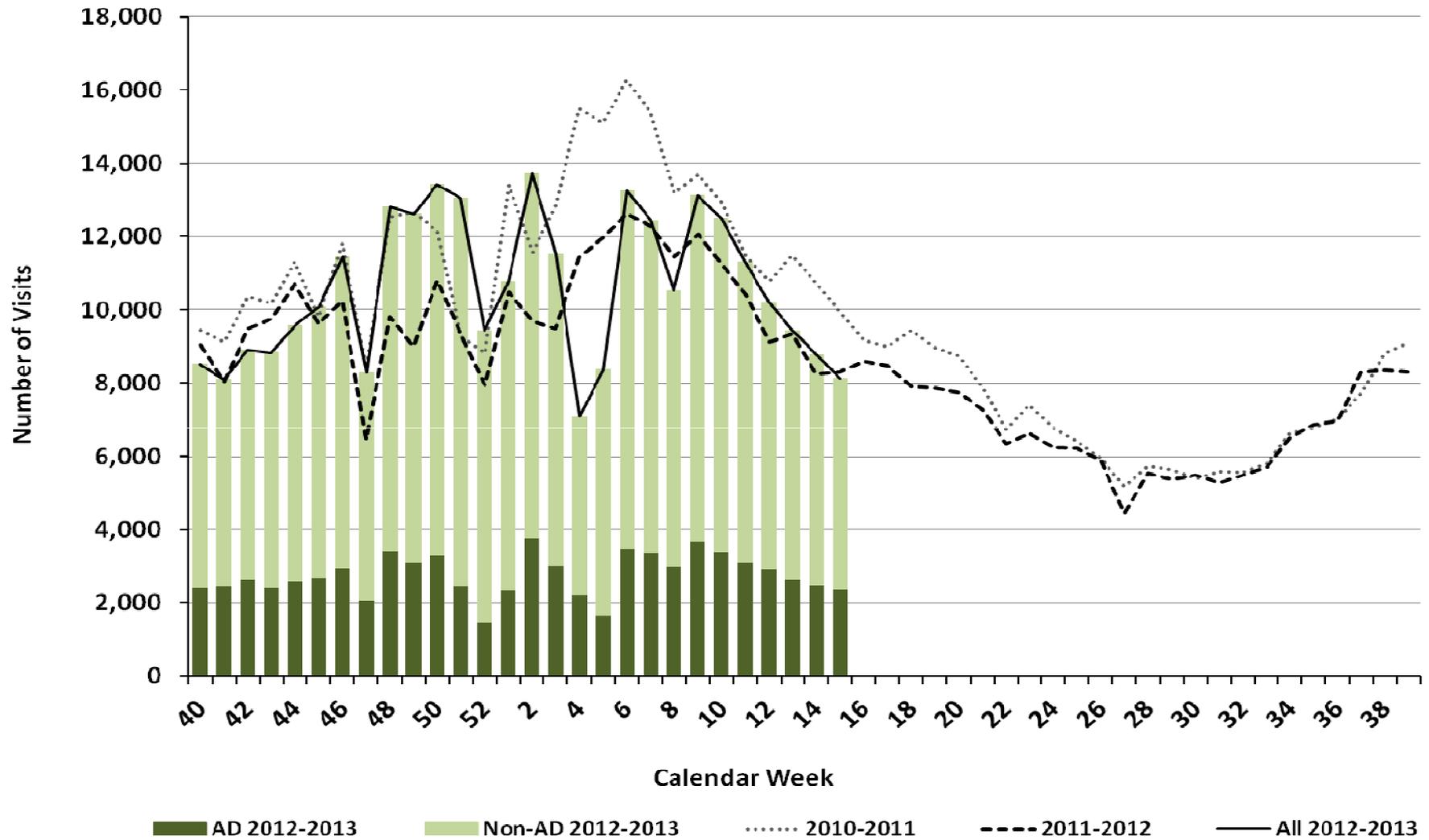
http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html

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, 2012-13 and Selected Previous Seasons



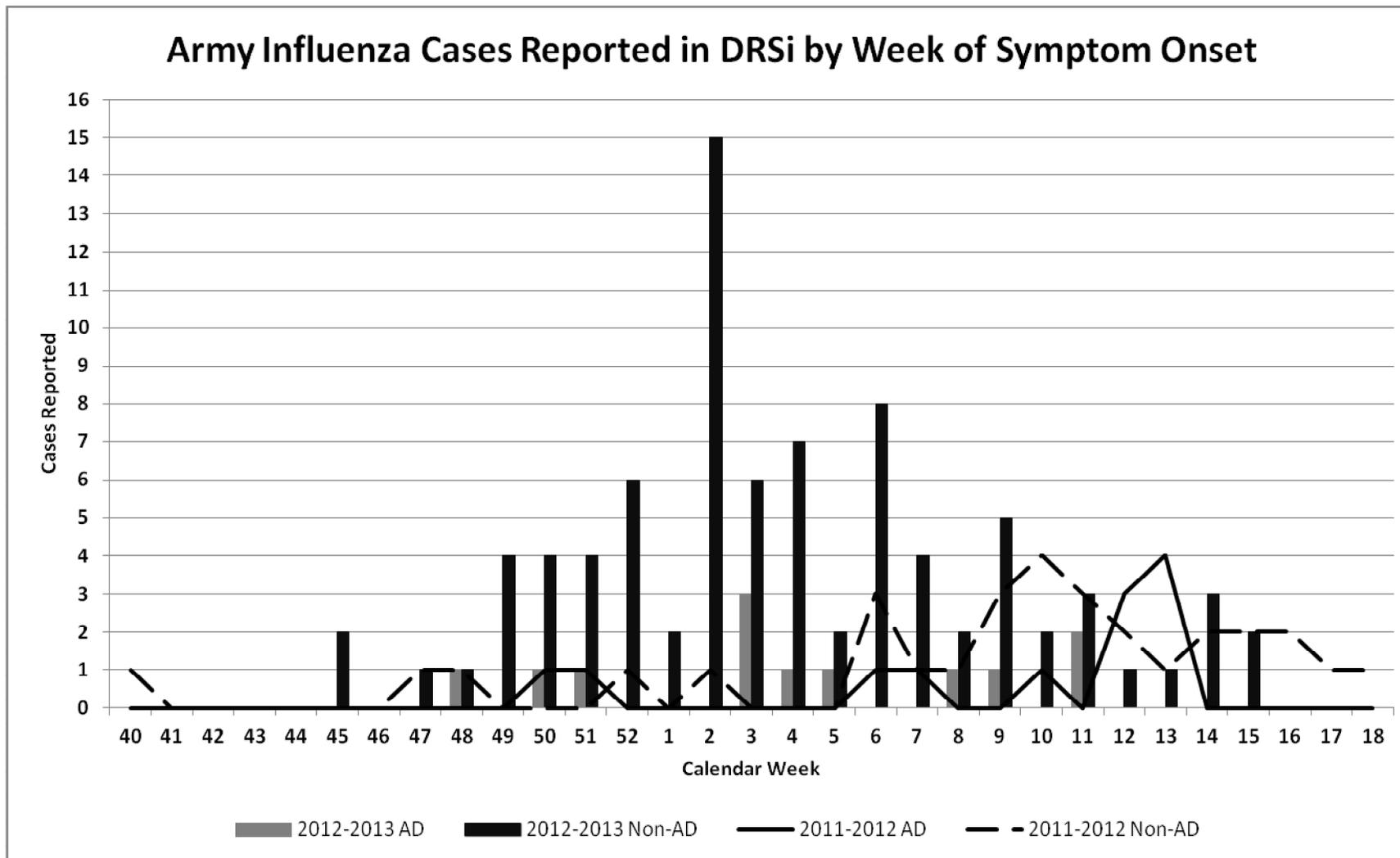
ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness
Army MTFs, All Services, 2010-2013



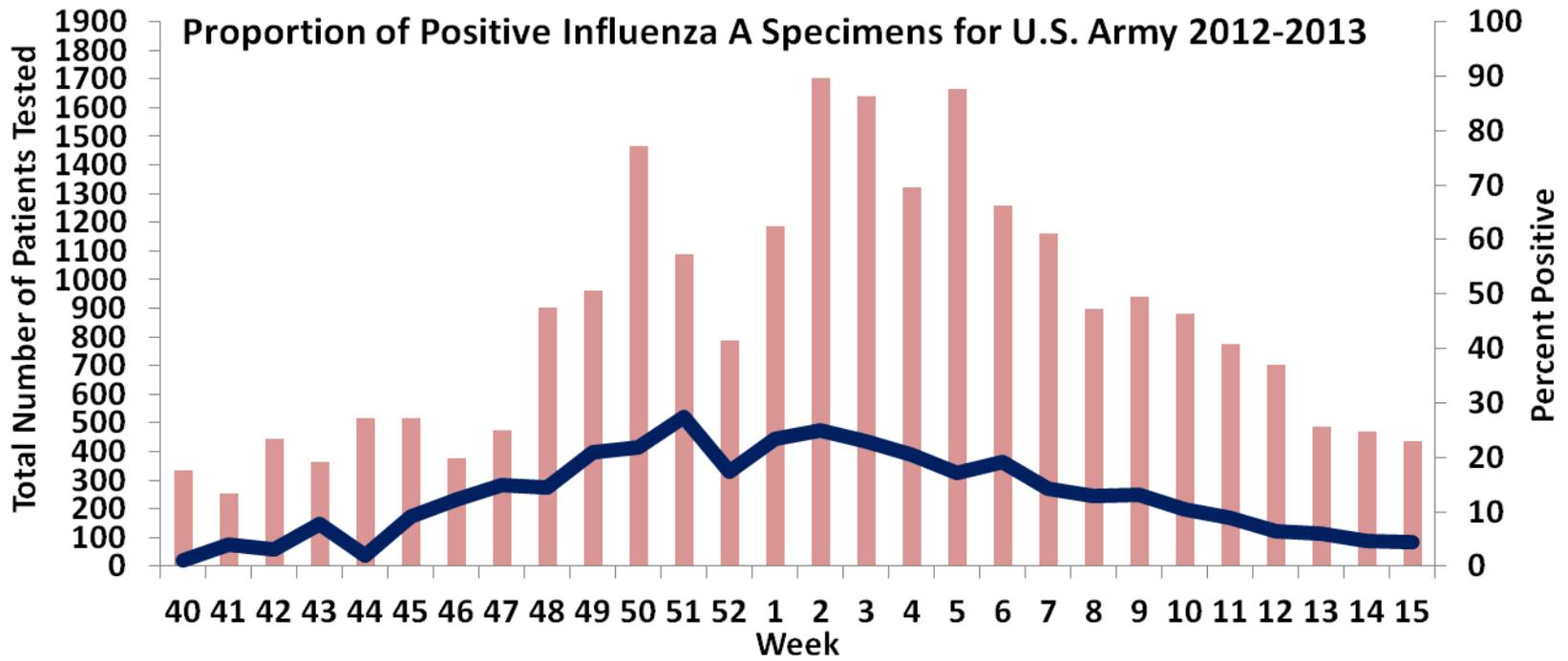
Clinic visits for ILI are obtained from ESSENCE. Data as of 17 April 2013.

Army MTF Laboratory Results, 2012-13

Test Result	Week 12	Week 13	Week 14	Week 15	Season Total
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Total Results	924	656	644	611	2835



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 17 April 2013.



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

