

Click on images to enlarge.

U.S. Army Influenza Activity Report

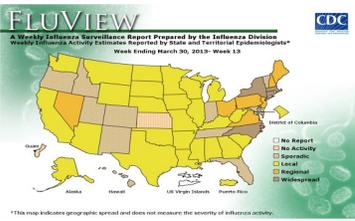
Week Ending 30 March 2013 (Week 13)

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

SYNOPSIS: Army influenza-like illness (ILI) activity continues decreasing. Influenza B continues to exceed influenza A among typed specimens in both the Army and civilian populations. The World Health Organization continues to monitor novel influenza virus A(H7N9) in China; risk among DoD populations is very low.

- **ILI Activity:** Army incident ILI outpatient visits in week 13 were 8% lower than the same week last year.
- **Influenza cases:** One hospitalized influenza case was reported to USAPHC in week 13. 92 hospitalized cases have been reported during this influenza season, 80 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 13.
- **Viral specimens:** During week 13, 147 of 656 (22%) laboratory specimens tested were positive for respiratory pathogens. Influenza B accounted for 57% of positive specimens. Most of the influenza positive specimens were from ERMC (38%); 17% were from PRMC and SRMC each.

Geographic Spread

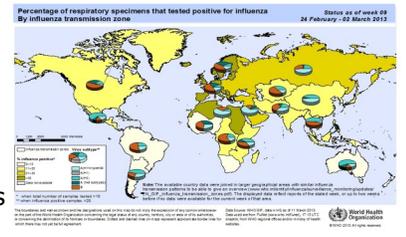


United States

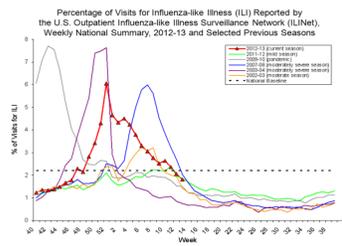
- During week 13, only 11 states reported widespread or regional activity. 38 states, Washington DC, & Puerto Rico reported local or sporadic activity. Guam & Kansas reported no activity.

Global

- As of 5 APR, 16 human cases of H7N9 avian influenza have been reported from China (six fatal). No evidence of ongoing human-to-human transmission has been detected. No trade or travel restrictions or traveler screenings are currently recommended.

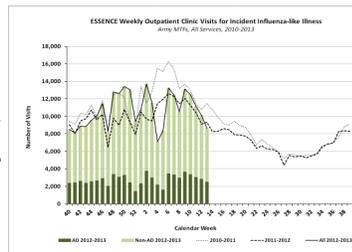


ILI Activity United States



- For week 13, 1.8% of outpatient visits reported through ILINet were due to ILI, which is below the national baseline.
- Only 3 of 10 regions reported a proportion of outpatient visits for ILI above their specific baselines.
- The percentage of ILI outpatient visits ranged from 0.9 to 2.3% across regions.

ILI Activity Army



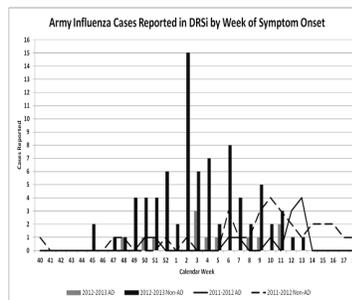
- During week 13, incident ILI activity was 8% lower than at the same time last year and 25% lower than during the 2010-2011 season.
- Active Duty (AD) Service Members (SMs) accounted for 29% of incident ILI clinic visits during week 13; in 2011-2012, AD SMs comprised 29% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2012-13					
Test Result	Week 10	Week 11	Week 12	Week 13	Season Total
Influenza A	94	68	45	29	10342
Influenza B	127	138	96	84	2794
Adenovirus	16	10	11	9	419
Enterovirus	1	0	0	0	16
Parainfluenza	18	11	6	7	935
RSV	53	45	32	18	3841
Negative	881	794	734	509	109105
Total Results	1190	1066	924	656	3836

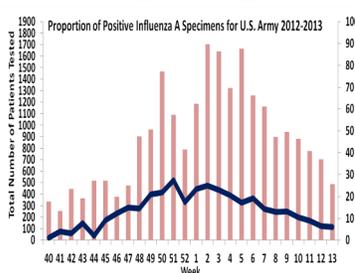
- 22% (147) of respiratory specimens were positive during week 13; influenza B accounted for 57% of positive specimens.
- Influenza A accounted for 20% of positive specimens, and RSV for 12%.
- Adenovirus accounted for 6% of positive specimens, and parainfluenza virus for 5%.

DRSi Influenza Case Reporting

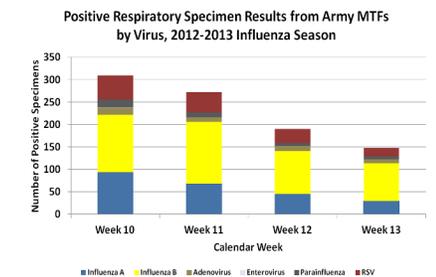


- One dependent with influenza required hospitalization and was reported in DRSi in week 13.
- A total of 92 hospitalized influenza cases have been reported this season for the US Army, 80 in dependents and 12 in AD SMs.
- At the same time last influenza season, only 8 AD SMs were reported hospitalized with influenza.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 13 (6%) remained unchanged from week 12 (6%).
- 21 of the 29 (72%) positive influenza A specimens in week 13 were from non-AD personnel.
- 11 (38%) of the 29 positive influenza A specimens were from ERMC, and PRMC and SRMC each reported 5 (17%) positive influenza A specimens.
- Both NRMC and WRMC reported 4 (14%) influenza A specimens each.



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

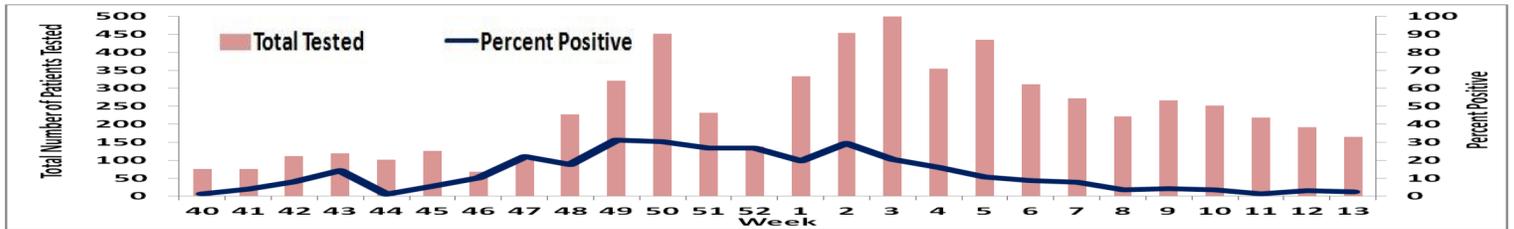
Questions?

Email USAPHC-DEP
410-417-3774

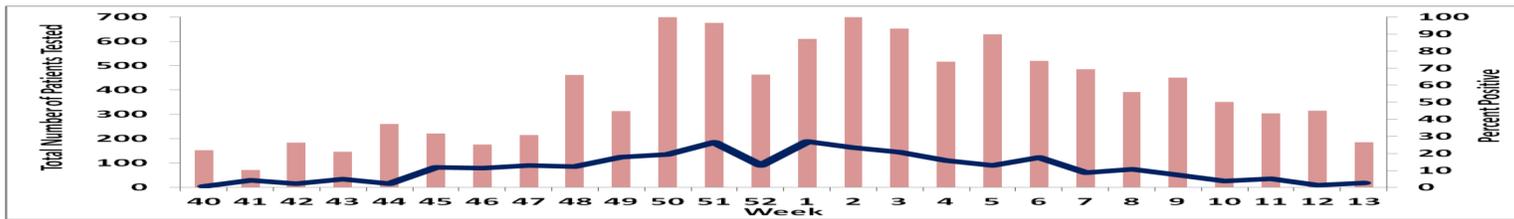
U.S. Army Influenza Activity Report

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

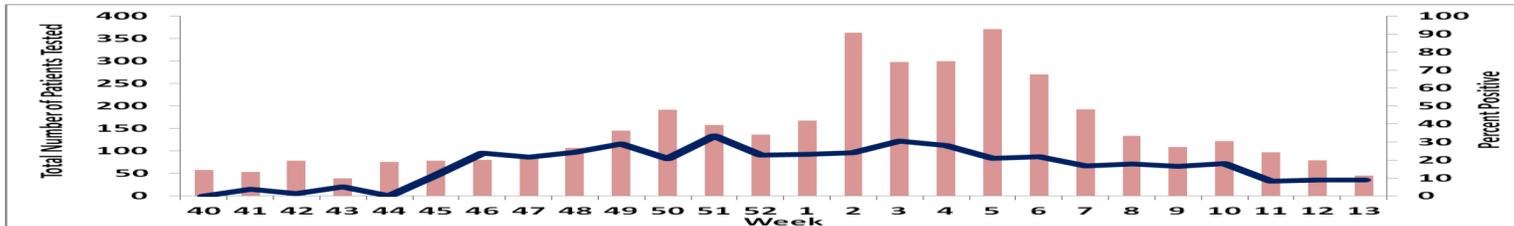
Northern Regional Medical Command (NRMC)



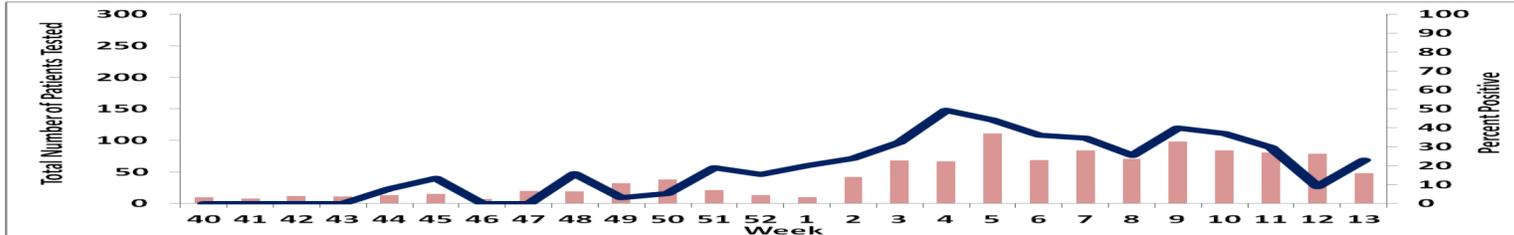
Southern Regional Medical Command (SRMC)



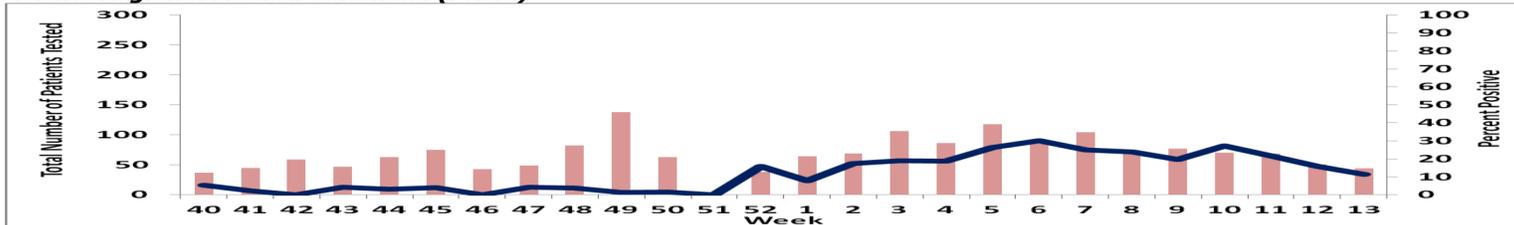
Western Regional Medical Command (WRMC)



European Regional Medical Command (ERMC)



Pacific Regional Medical Command (PRMC)



Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 6		Week 7		Week 8		Week 9		Week 10		Week 11		Week 12		Week 13	
	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	6	21	6	15	2	6	6	5	1	8	1	2	0	6	0	4
SRMC	22	70	15	27	9	33	11	22	7	6	6	10	1	3	4	1
WRMC	10	49	7	25	5	19	4	14	3	19	0	8	2	5	0	4
ERMC	12	13	12	17	7	11	14	25	13	18	11	13	10	10	3	8
PRMC	15	12	8	18	7	10	3	12	9	10	4	11	4	4	1	4
CENTCOM	6	6	8	7	3	4	2	0	2	0	2	0	0	0	0	0

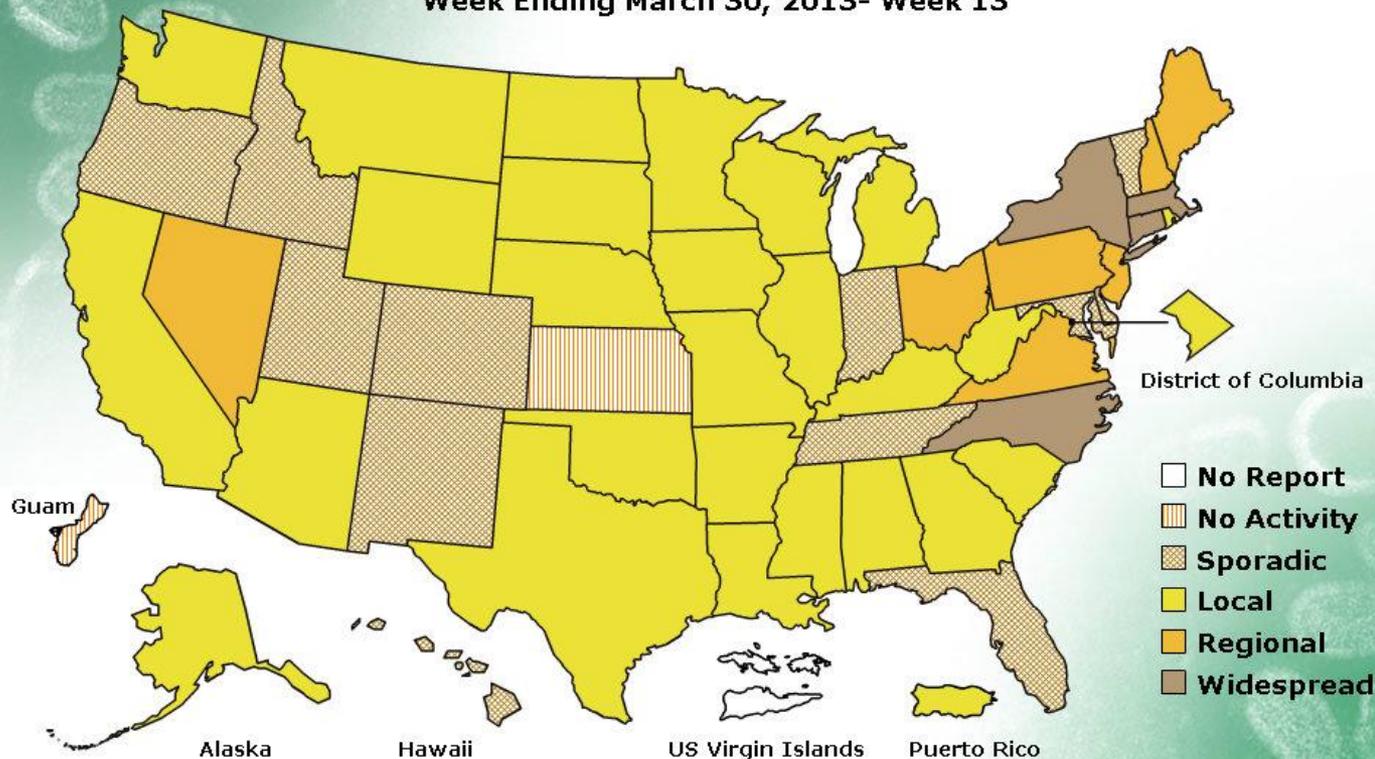
Locations providing week 13 laboratory data as of 3 April 2013: Korea, Ft Belvoir, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, 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*

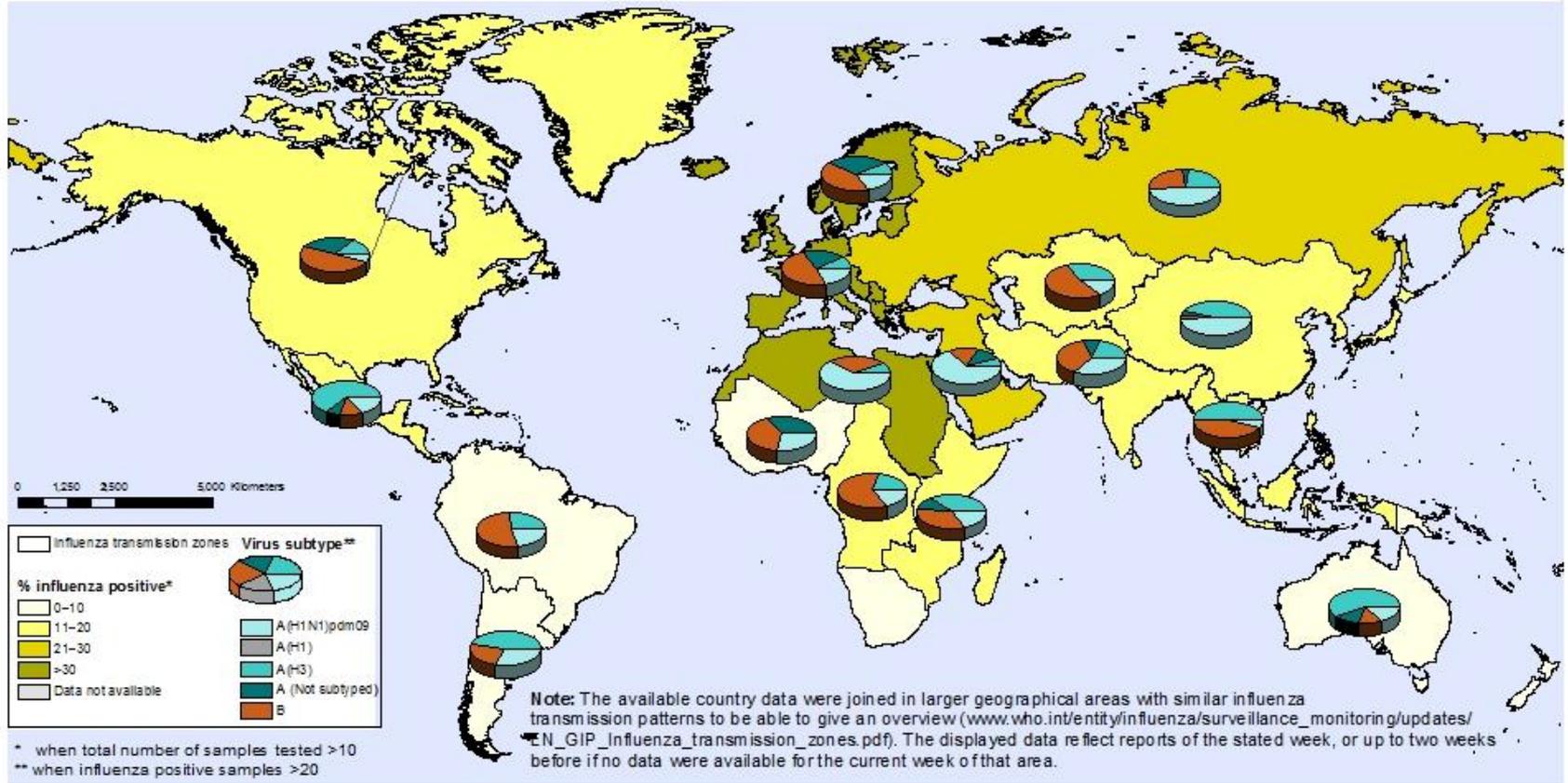
Week Ending March 30, 2013- Week 13



*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 09
24 February - 02 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.

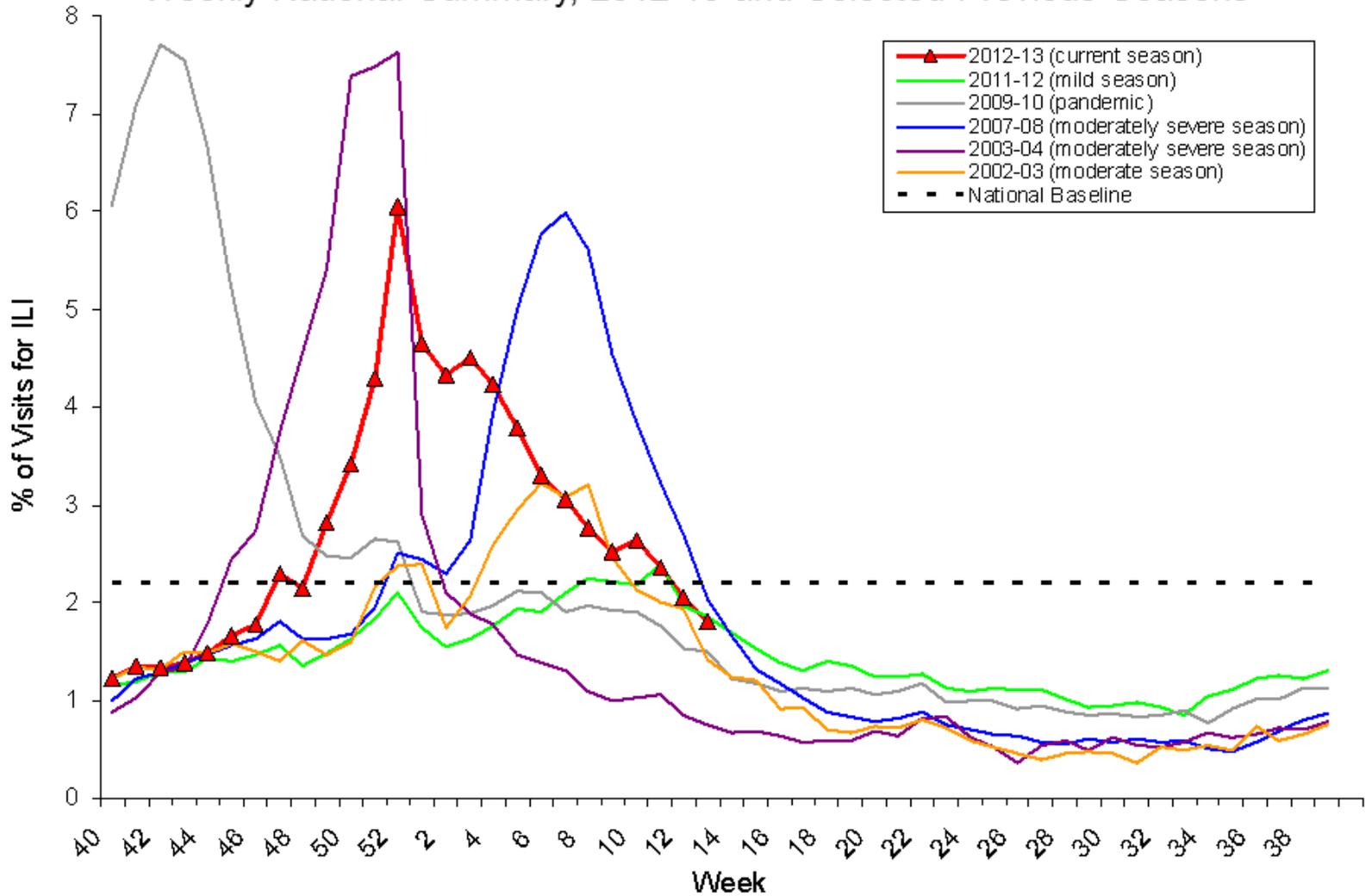
Data Source: WHO/GIP, data in HQ as of 11 March 2013.
Data used are from FluNet (www.who.int/flu-net), 17:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.



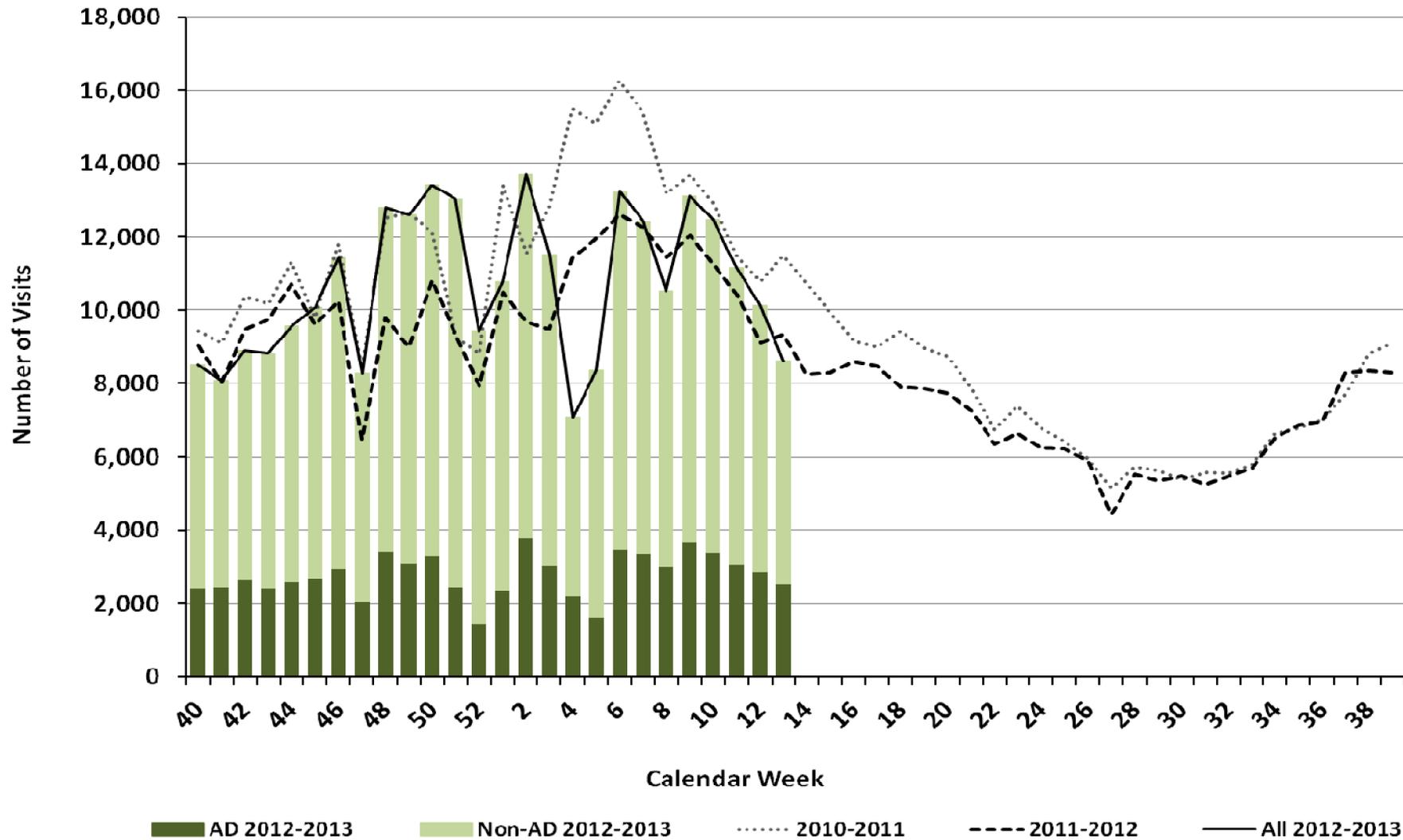
http://www.who.int/influenza/gisrs_laboratory/updates/summaryreport/en/index.html

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, 2012-13 and Selected Previous Seasons



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

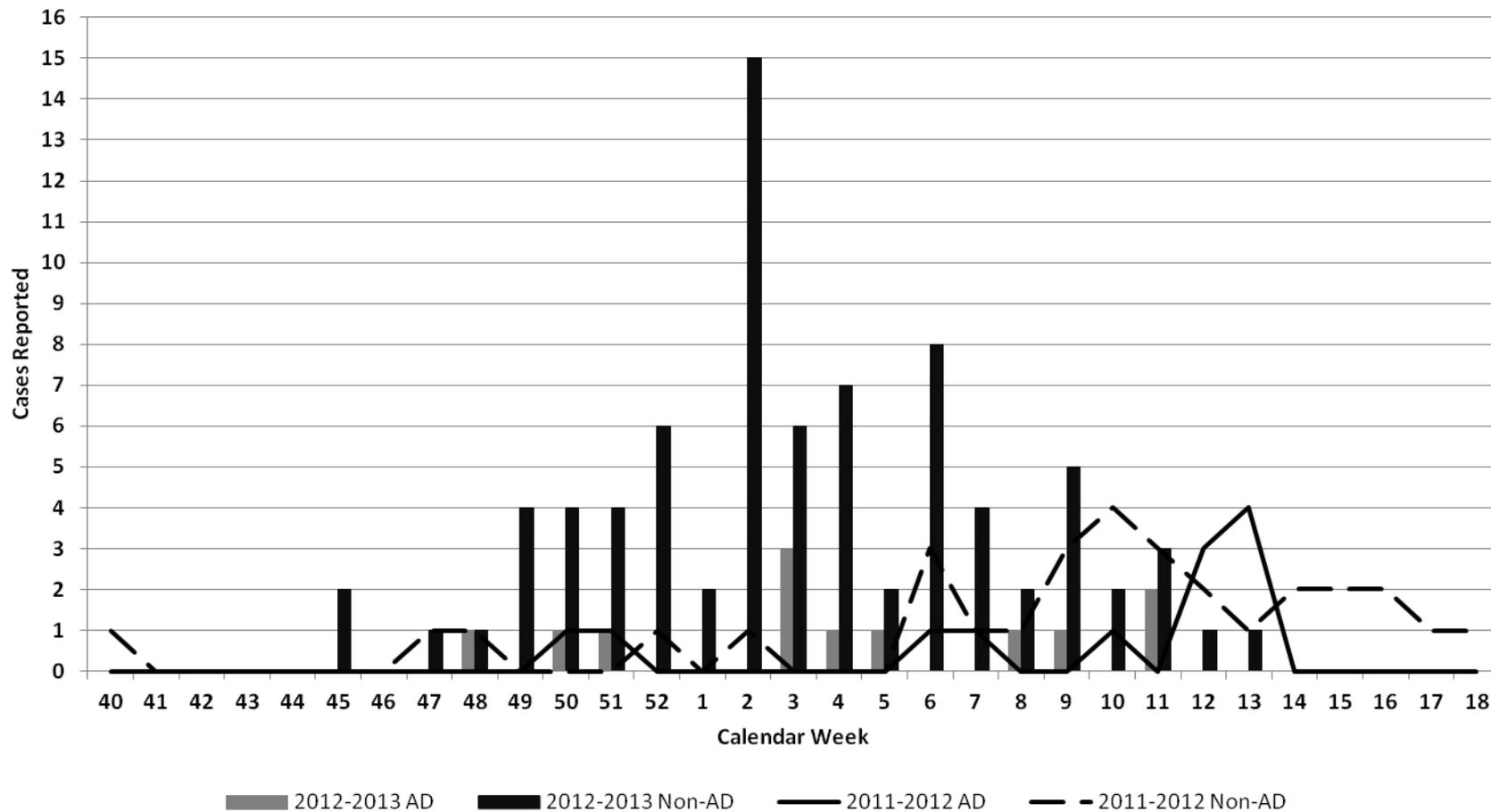


Clinic visits for ILI are obtained from ESSENCE. Data as of 4 April 2013.

Army MTF Laboratory Results, 2012-13

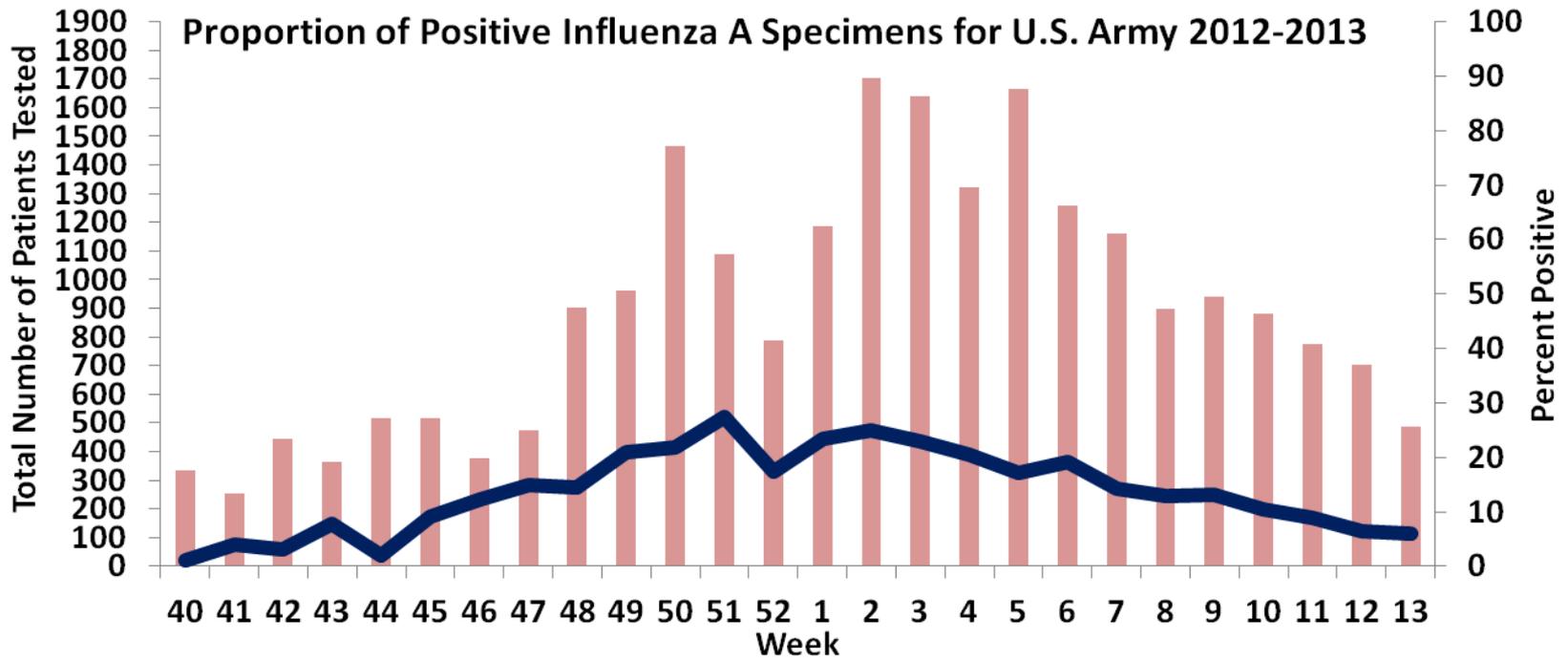
Test Result	Week 10	Week 11	Week 12	Week 13	Season Total
Influenza A	94	68	45	29	10342
Influenza B	127	138	96	84	2794
Adenovirus	16	10	11	9	419
Enterovirus	1	0	0	0	16
Parainfluenza	18	11	6	7	935
RSV	53	45	32	18	3841
<i>Negative</i>	<i>881</i>	<i>794</i>	<i>734</i>	<i>509</i>	<i>109105</i>
Total Results	1190	1066	924	656	3836

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 26 March 2013.



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

