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U.S. Army Influenza Activity Report

Week Ending 12 October 2013 (Week 41)

2013-2014 Seasonal Influenza Vaccination Coverage

As of 15 OCT 2013

50%	DOD
39%	Army Active Duty
15%	Army Guard
16%	Army Reserve

SYNOPSIS: Influenza-like illness (ILI) activity is low in both Army and civilian populations. All beneficiaries aged 6 months and older should receive this year's influenza vaccine, unless medically exempted.

- **ILI Activity:** Army incident ILI outpatient visits in week 41 were 62% lower than the same week last year.
- **Influenza cases:** Zero hospitalized influenza cases were reported to USAPHC in week 41, and zero hospitalized cases have been reported during this influenza season.
- **Acute Respiratory Disease at BCT sites:** ARD rates remain low; rates did not increase significantly at any sites during week 41.
- **Viral specimens:** During week 41, 36 of 482 (7%) laboratory specimens tested were positive for respiratory pathogens. Parainfluenza accounted for 42% of positive specimens. 66% of the influenza A positive specimens were submitted by SRMC.

Geographic Spread

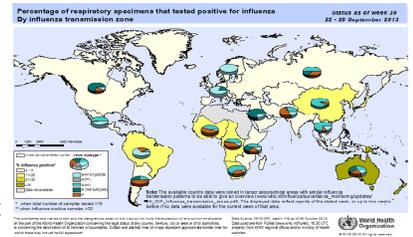


United States

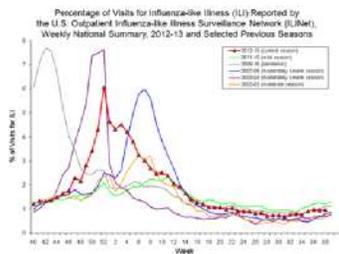
- Due to the partial government shutdown, CDC data is not currently up-to-date; this report therefore includes data from week 20. This information will be updated as soon as the CDC updates their sentinel site influenza report.

Global

- Influenza-like illness activity has started to increase in many European countries, but influenza activity in the northern hemisphere remains at inter-seasonal levels. ILI remains low in most of tropical Asia.

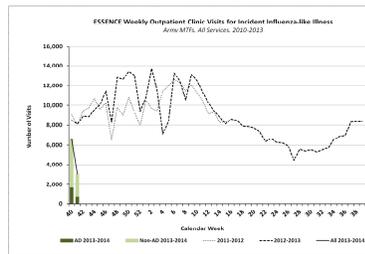


ILI Activity United States



- Due to the partial government shutdown, CDC data is not currently up-to-date. This information will be updated as soon as the CDC updates their sentinel site influenza report.

ILI Activity Army



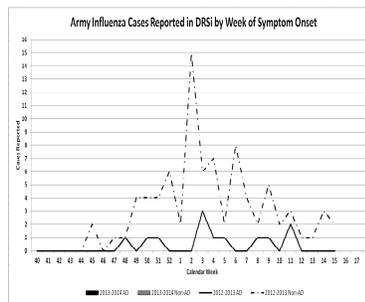
- During week 41, incident ILI activity was 62% lower than at the same time last year and 61% lower than during the 2011-2012 season.
- Active Duty (AD) Service Members (SMs) accounted for 24% of incident ILI clinic visits during week 41; in 2012-2013, AD SMs comprised 30% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	9	6			15
Influenza B	1	0			1
Adenovirus	2	2			4
Enterovirus	0	0			0
Parainfluenza	6	15			21
RSV	10	13			23
Negative	404	446			850
Total Results	432	482	0	0	914

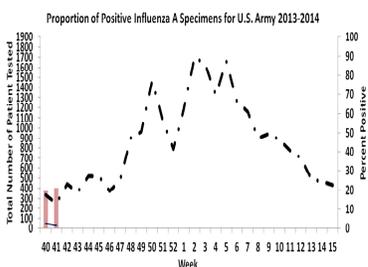
- 7% (36) of respiratory specimens were positive during week 41.
- Parainfluenza accounted for 42% of positive specimens. RSV accounted for 36% of positive specimens, influenza A for 17%, and adenovirus for 2%.
- No positive influenza B specimens were reported in week 41.

DRSi Influenza Case Reporting



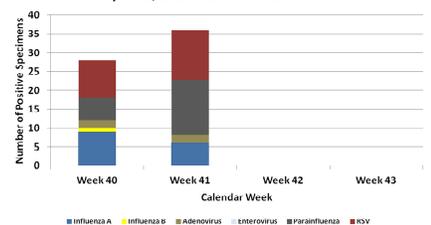
- In week 41, there were no reports of influenza-associated hospitalization.
- Zero hospitalized influenza cases have been reported since the beginning of this influenza season.
- At the same time last influenza season, zero hospitalized influenza cases were reported.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 41 (2%) remained stable from week 40 (2%).
- 4 of the 6 (66%) positive influenza A specimens in week 41 were from non-AD personnel.
- 4 (66%) of the 6 positive specimens were from SRMC. ERMC and NRMC reported 1 (17%) positive influenza A specimen each.
- No positive specimens were identified in PRMC or WRMC.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2013-2014 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; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

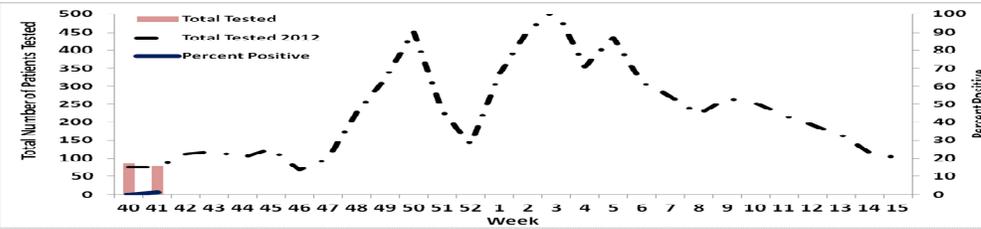
Questions?

Email USAPHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

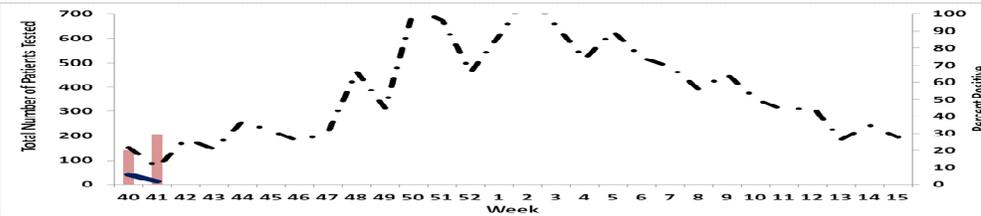
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2013-14 as Compared to 2012-2013

Northern Regional Medical Command (NRMC)



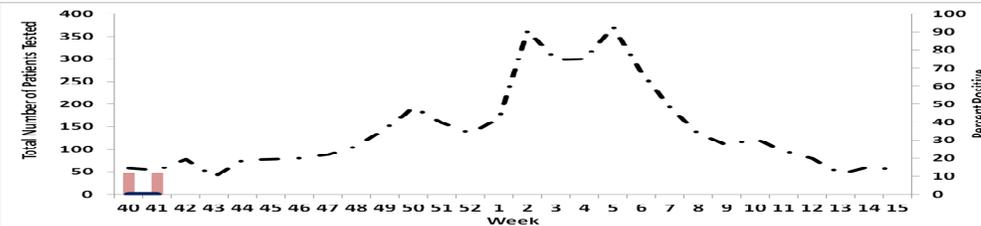
Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	1
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
0	0	1	1

Southern Regional Medical Command (SRMC)



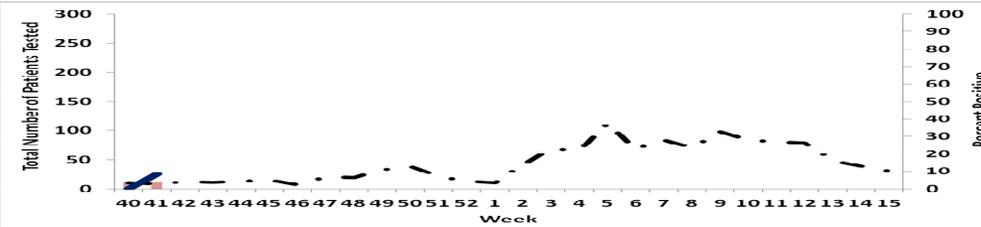
Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	1
18-29	0	0	0
30-39	1	2	3
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
0	1	3	4

Western Regional Medical Command (WRMC)



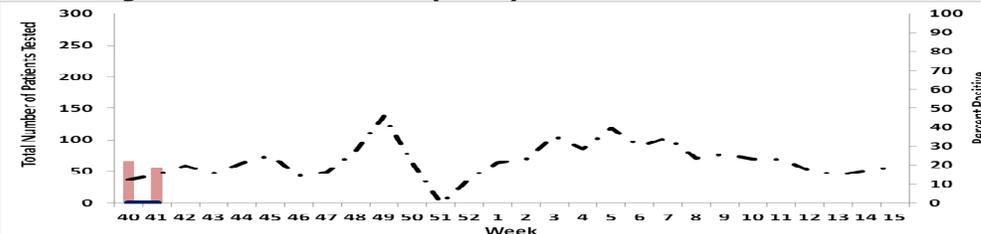
Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
0	0	0	0

European Regional Medical Command (ERMC)



Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	1	0	1
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
0	1	0	1

Pacific Regional Medical Command (PRMC)



Week 41			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
0	0	0	0

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												
SRMC	0	9	1	3												
WRMC	0	0	0	0												
ERMC	0	0	1	0												
PRMC	0	0	0	0												
CENTCOM	0	0	0	0												

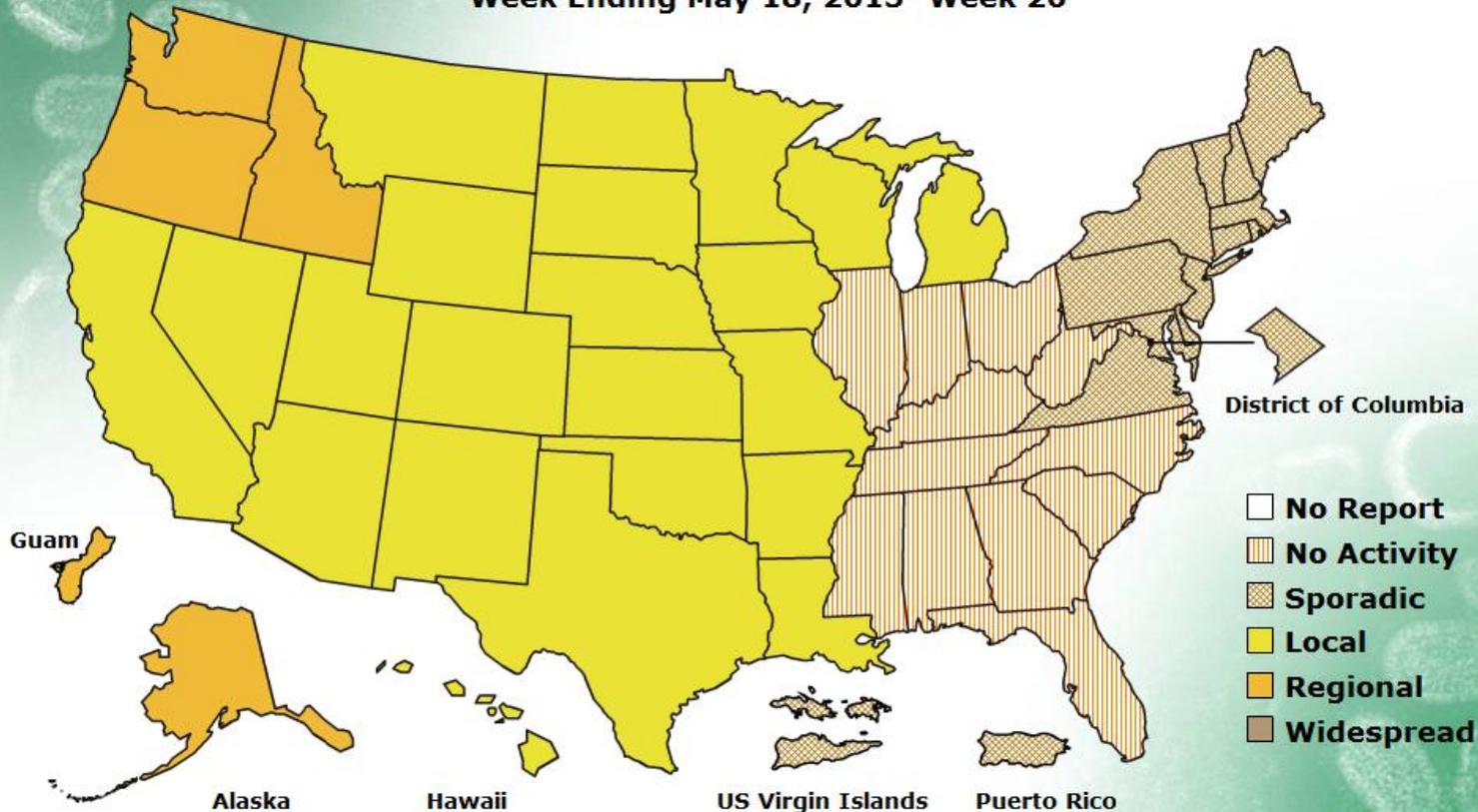
Locations providing week 41 laboratory data as of 17 October 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam 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 May 18, 2013- Week 20



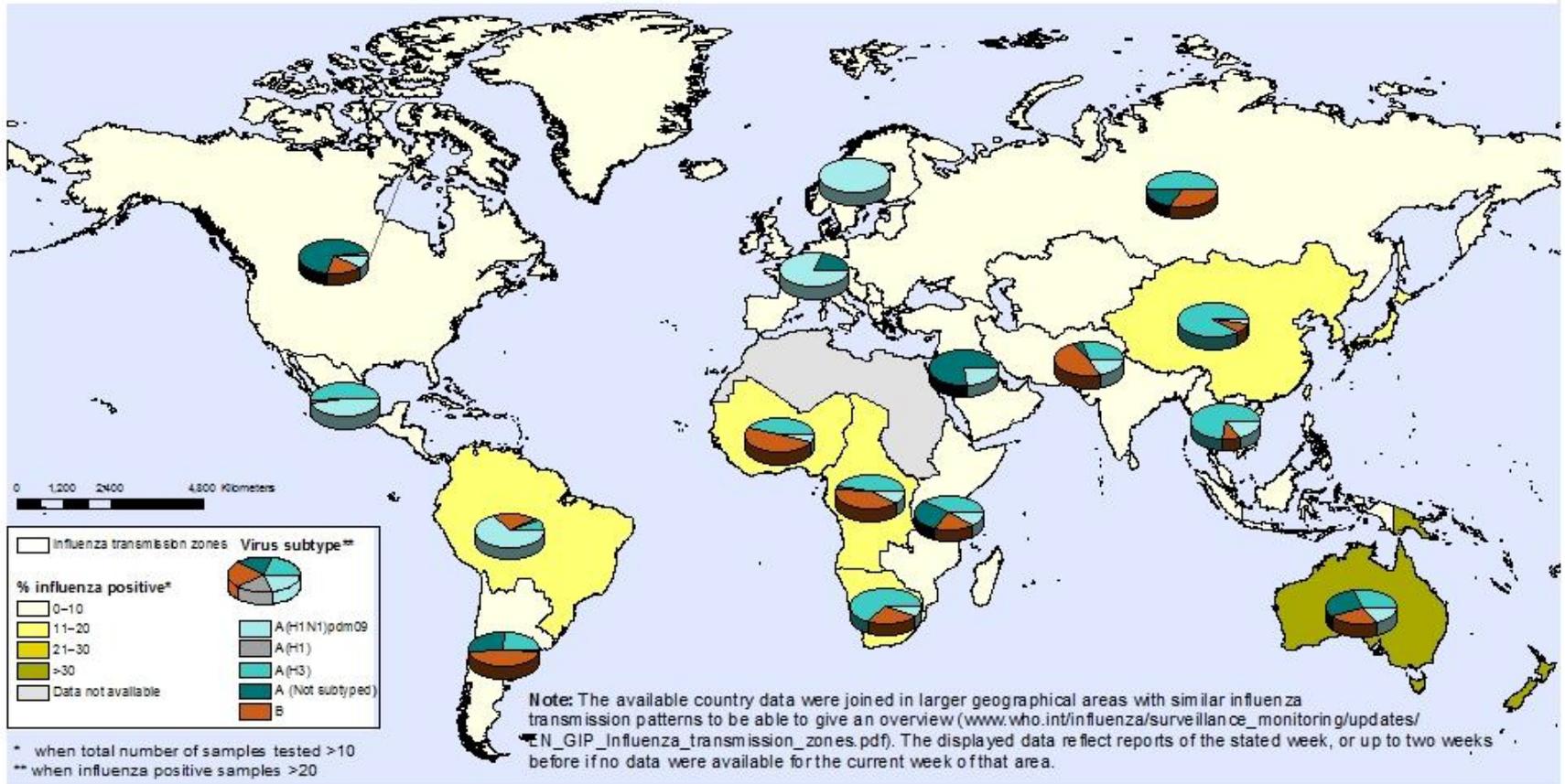
[«Previous Week](#)

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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 39
22 - 28 September 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.

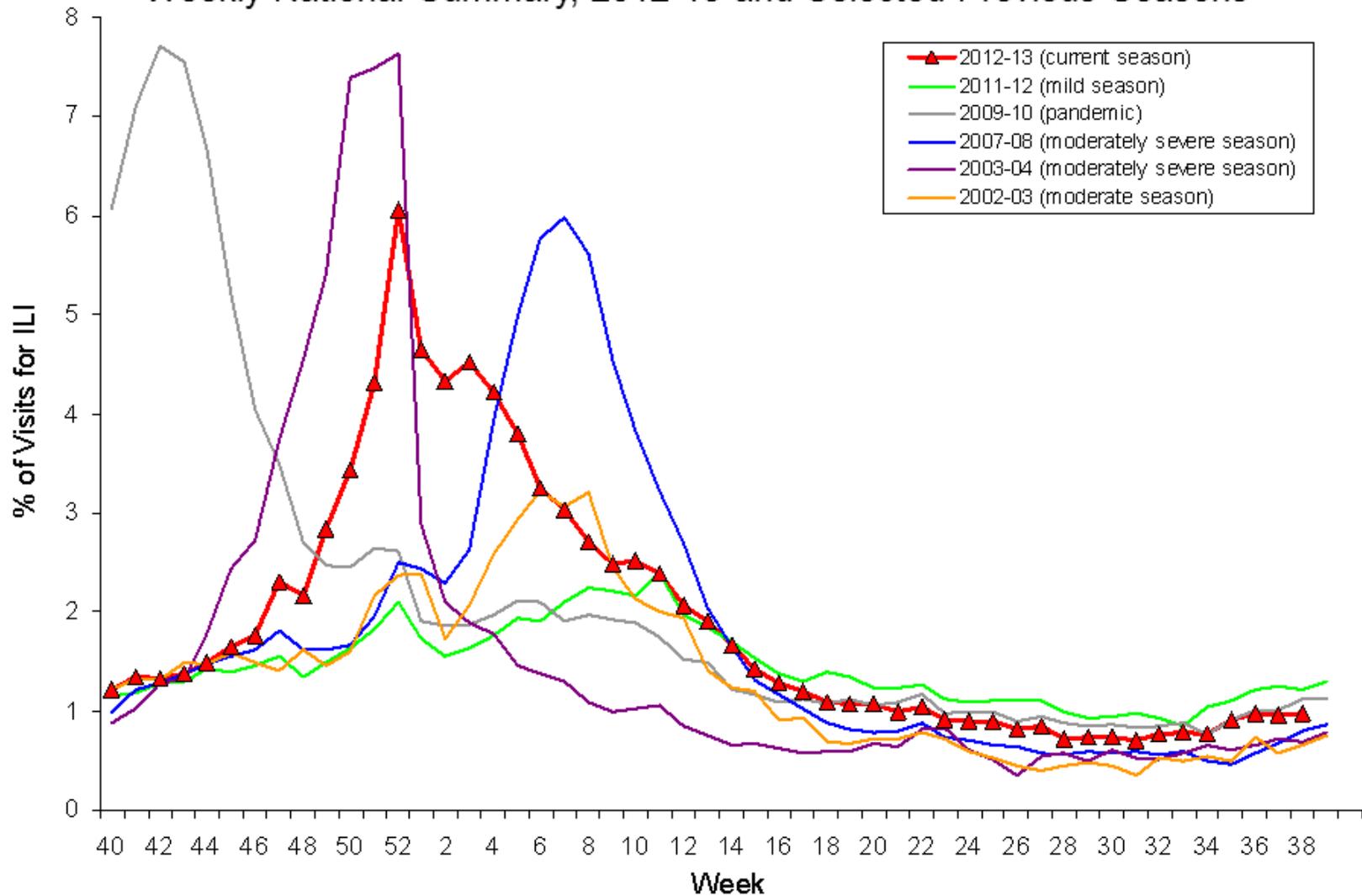
Data Source: WHO/GIP, data in HQ as of 08 October 2013
Data used are from FluNet (www.who.int/fluNet), 16:30 UTC snapshot, from WHO regional offices and/or ministry of health websites.



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

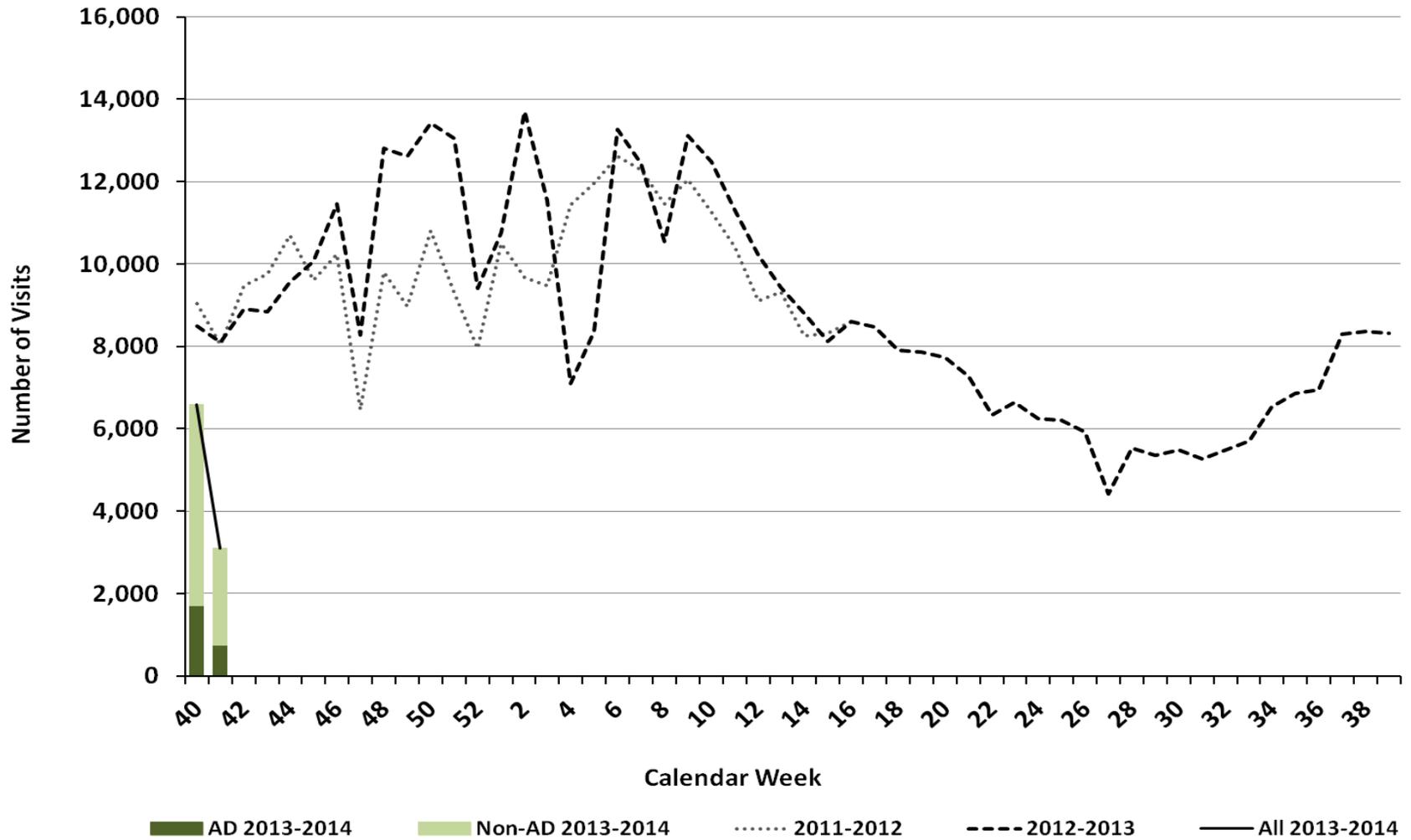
http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html

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



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2010-2013

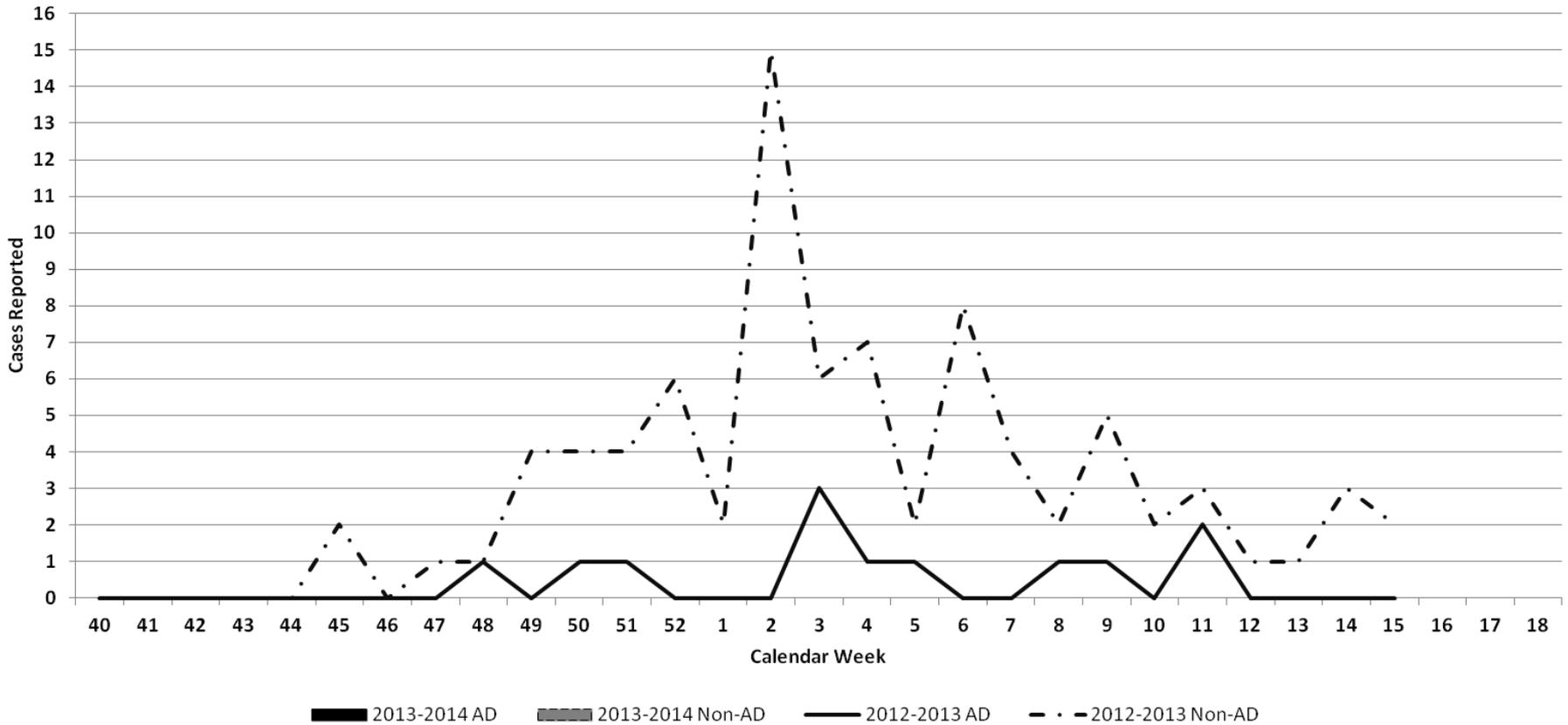


Clinic visits for ILI are obtained from ESSENCE. Data as of 17 October 2013.

Army MTF Laboratory Results, 2013-14

Test Result	Week 40	Week 41	Week 42	Week 43	Season Total
Influenza A	9	6			15
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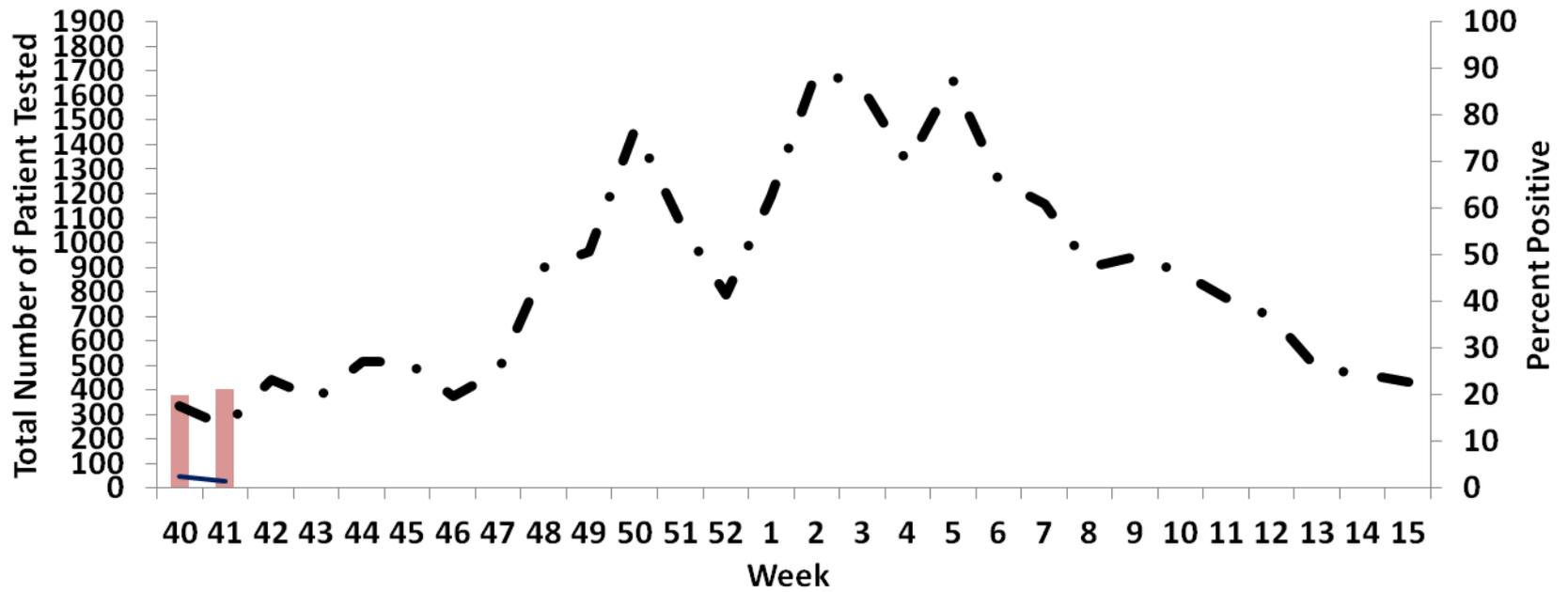
Army Influenza Cases Reported in DRSi by Week of Symptom Onset



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 17 April 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

