

Click on images to enlarge.

U.S. Army Influenza Activity Report

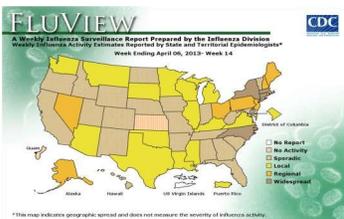
Week Ending 6 April 2013 (Week 14)

| 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 is monitoring influenza A virus A(H7N9) in China; no human-to-human transmission has been documented.

- **ILI Activity:** Army incident ILI outpatient visits in week 14 were at the same level as this time last year.
- **Influenza cases:** Three hospitalized influenza cases were reported to USAPHC in week 14. 95 hospitalized cases have been reported during this influenza season, 83 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 14.
- **Viral specimens:** During week 14, 98 of 617 (16%) laboratory specimens tested were positive for respiratory pathogens. Influenza B accounted for 44% of positive specimens. Most of the influenza positive specimens were from ERMC and PRMC (27% each); 18% were from SRMC.

Geographic Spread

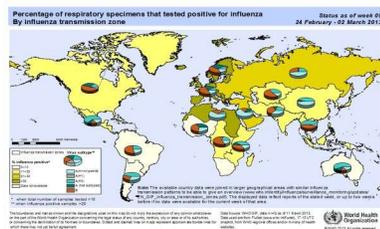


United States

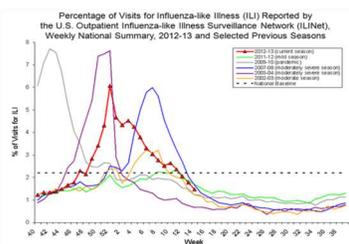
- During week 14, only 11 states reported widespread or regional activity. 38 states, Washington DC, & Puerto Rico reported local or sporadic activity. Guam & Kansas reported no activity.

Global

- 38 human cases of H7N9 avian influenza have been reported from China (10 fatal). No evidence of ongoing human-to-human transmission has been detected. Live poultry trade has been banned in the regions and wild bird and pig surveillance is being initiated.

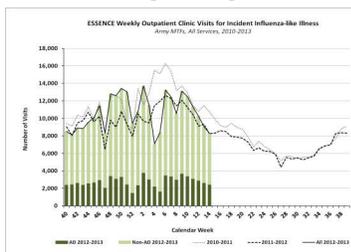


ILI Activity United States



- For week 14, 1.5% of outpatient visits reported through ILINet were due to ILI, which is below the national baseline.
- Only 2 of 10 regions reported a proportion of outpatient visits for ILI above their specific baselines.
- The percentage of ILI outpatient visits ranged from 0.7 to 2.1% across regions.

ILI Activity Army



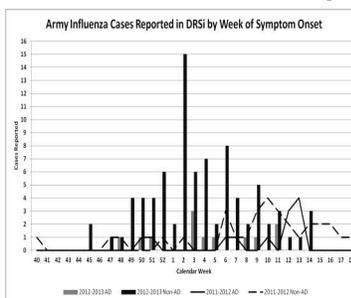
- During week 14, incident ILI activity was at the same level as this time last year and 22% lower than during the 2010-2011 season.
- Active Duty (AD) Service Members (SMs) accounted for 29% of incident ILI clinic visits during week 14; in 2011-2012, AD SMs comprised 28% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

| Army MTF Laboratory Results, 2012-13 | | | | | |
|--------------------------------------|---------|---------|---------|---------|--------------|
| Test Result | Week 11 | Week 12 | Week 13 | Week 14 | Season Total |
| Influenza A | 68 | 45 | 29 | 22 | 10489 |
| Influenza B | 138 | 96 | 84 | 43 | 2927 |
| Adenovirus | 10 | 11 | 9 | 9 | 433 |
| Enterovirus | 0 | 0 | 0 | 0 | 16 |
| Parainfluenza | 11 | 6 | 7 | 9 | 949 |
| RSV | 45 | 32 | 18 | 15 | 4000 |
| Negative | 794 | 734 | 509 | 519 | 113542 |
| Total Results | 1066 | 924 | 656 | 617 | 3263 |

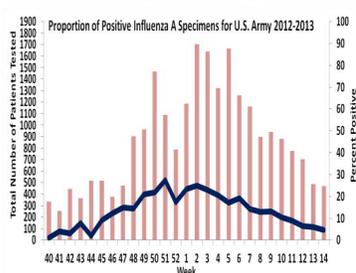
- 16% (98) of respiratory specimens were positive during week 14; influenza B accounted for 44% of positive specimens.
- Influenza A accounted for 22% of positive specimens, and RSV accounted for 15%.
- Adenovirus and parainfluenza each accounted for 9% of positive specimens.

DRSi Influenza Case Reporting

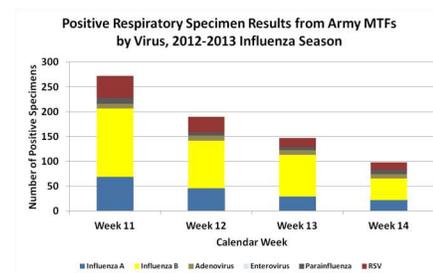


- In week 14, three dependents were reported in DRSi for influenza-associated hospitalization.
- 95 hospitalized influenza cases have been reported this season for the US Army, 83 (87%) in dependents and 12 (13%) in AD SMs.
- At the same time last influenza season, 12 AD SMs were reported hospitalized with influenza.

Laboratory Testing for Influenza A



- The proportion of positive influenza A tests in week 15 (5%) remained stable from week 13 (6%).
- 16 of the 22 (73%) positive influenza A specimens in week 14 were from non-AD personnel.
- ERMC and PRMC each reported 6 (27%) positive influenza A specimens.
- 4 (18%) of the 22 positive specimens were from SRMC.
- NRMC and WRMC each reported 3 (18%) influenza A specimens.



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?

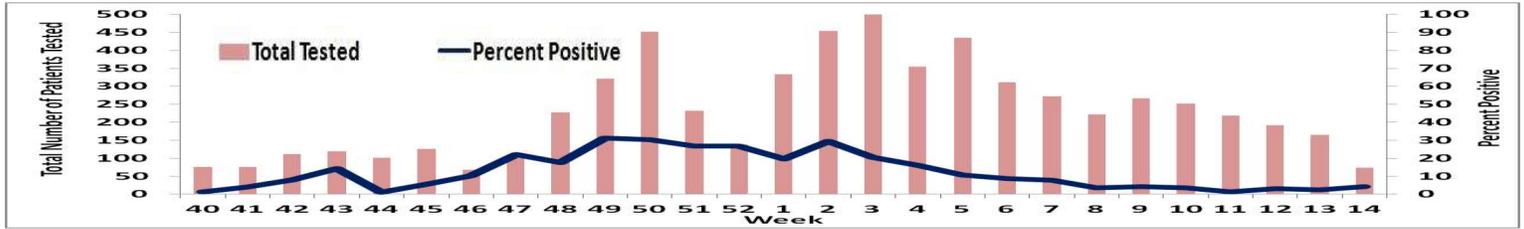
Email USAPHC-DEP
410-417-3774



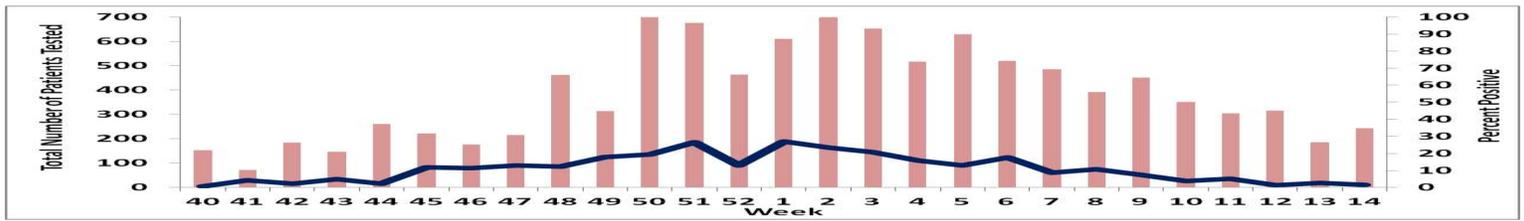
U.S. Army Influenza Activity Report

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

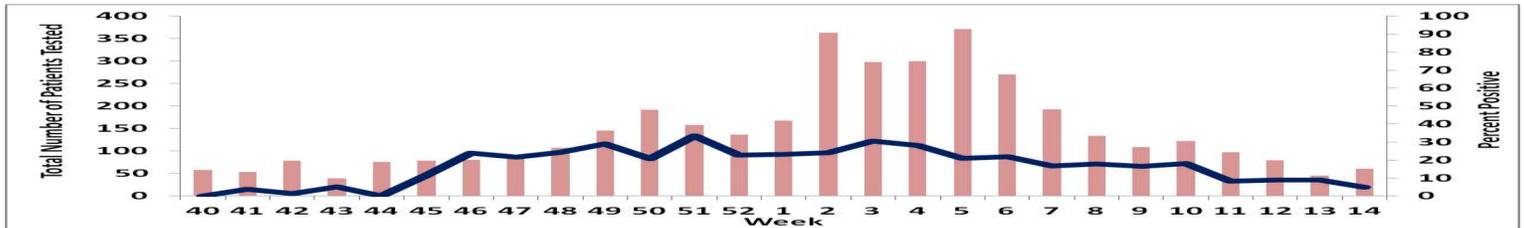
Northern Regional Medical Command (NRMC)



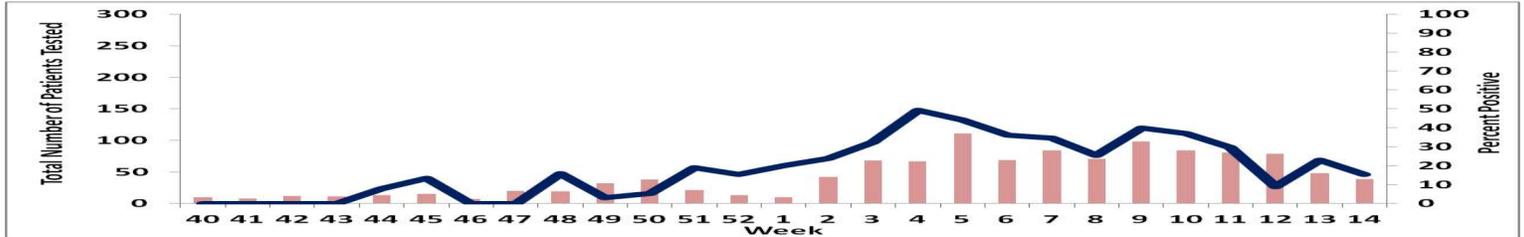
Southern Regional Medical Command (SRMC)



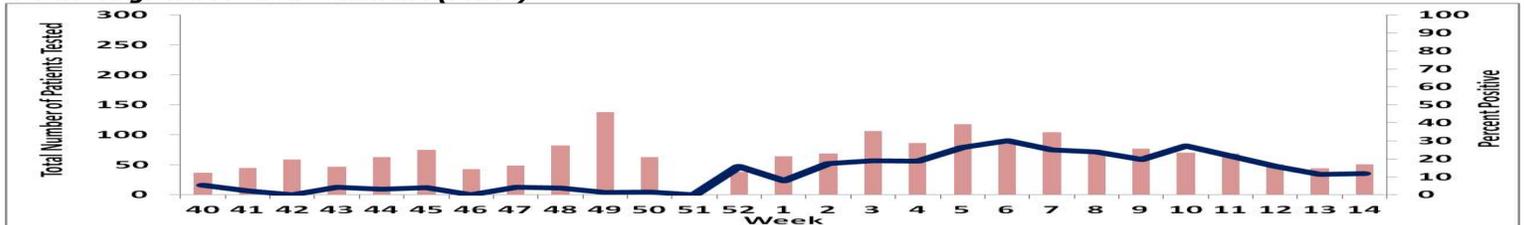
Western Regional Medical Command (WRMC)



European Regional Medical Command (ERMC)



Pacific Regional Medical Command (PRMC)



Number of Positive Influenza A Specimens by Duty Status and Region

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

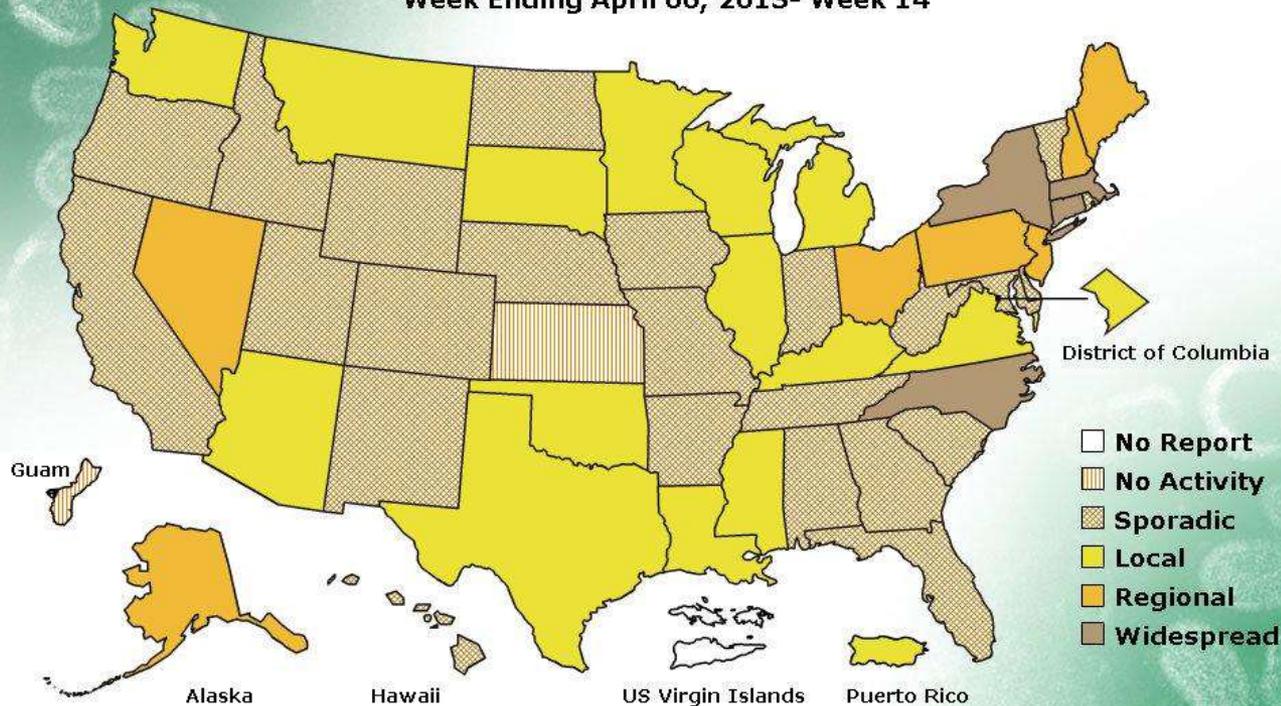
Locations providing week 14 laboratory data as of 10 April 2013: Korea, Ft Belvoir, Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Sam Houston, Ft Sill, Ft Stewart, 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*

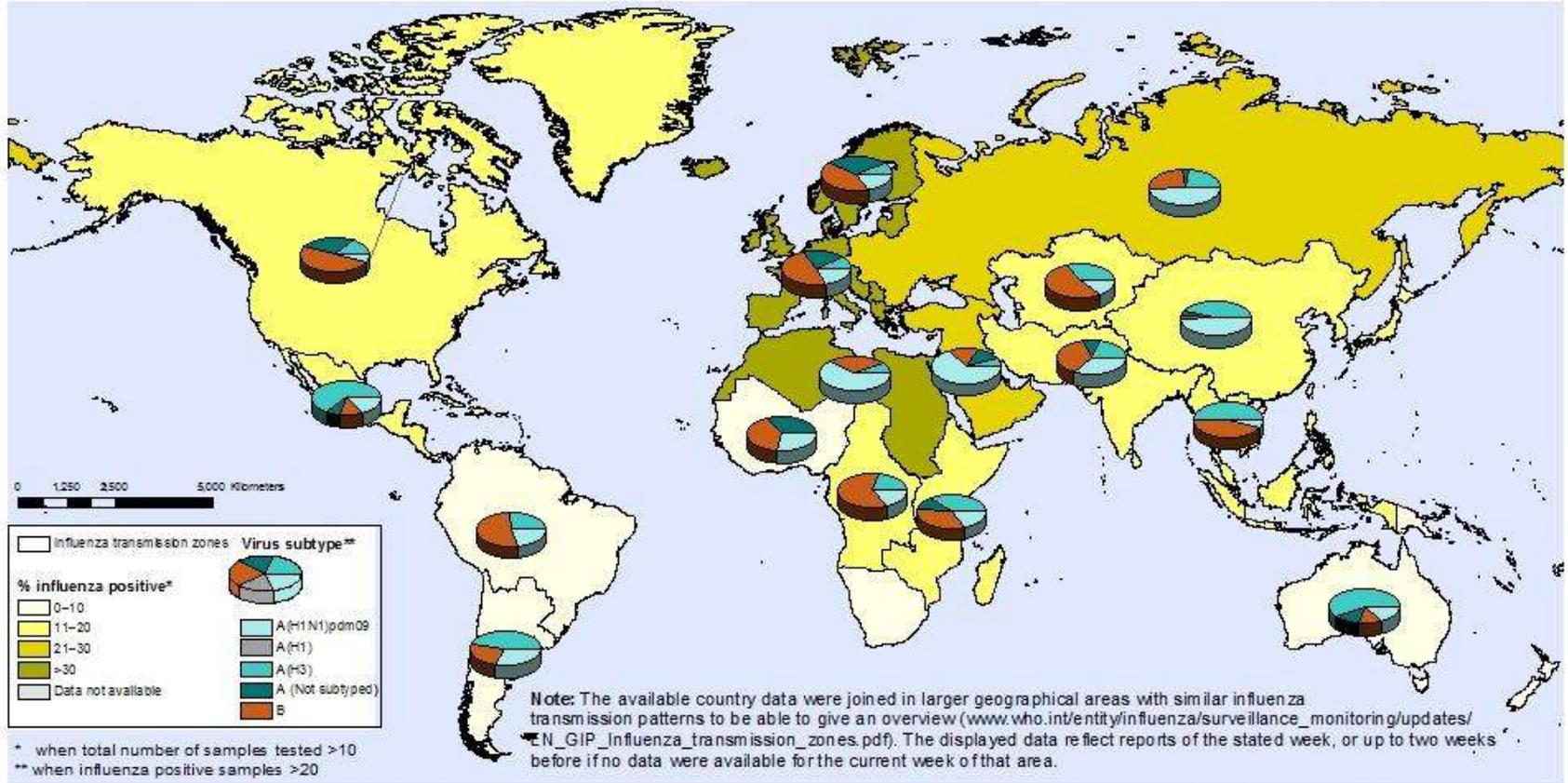
Week Ending April 06, 2013- Week 14



*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.

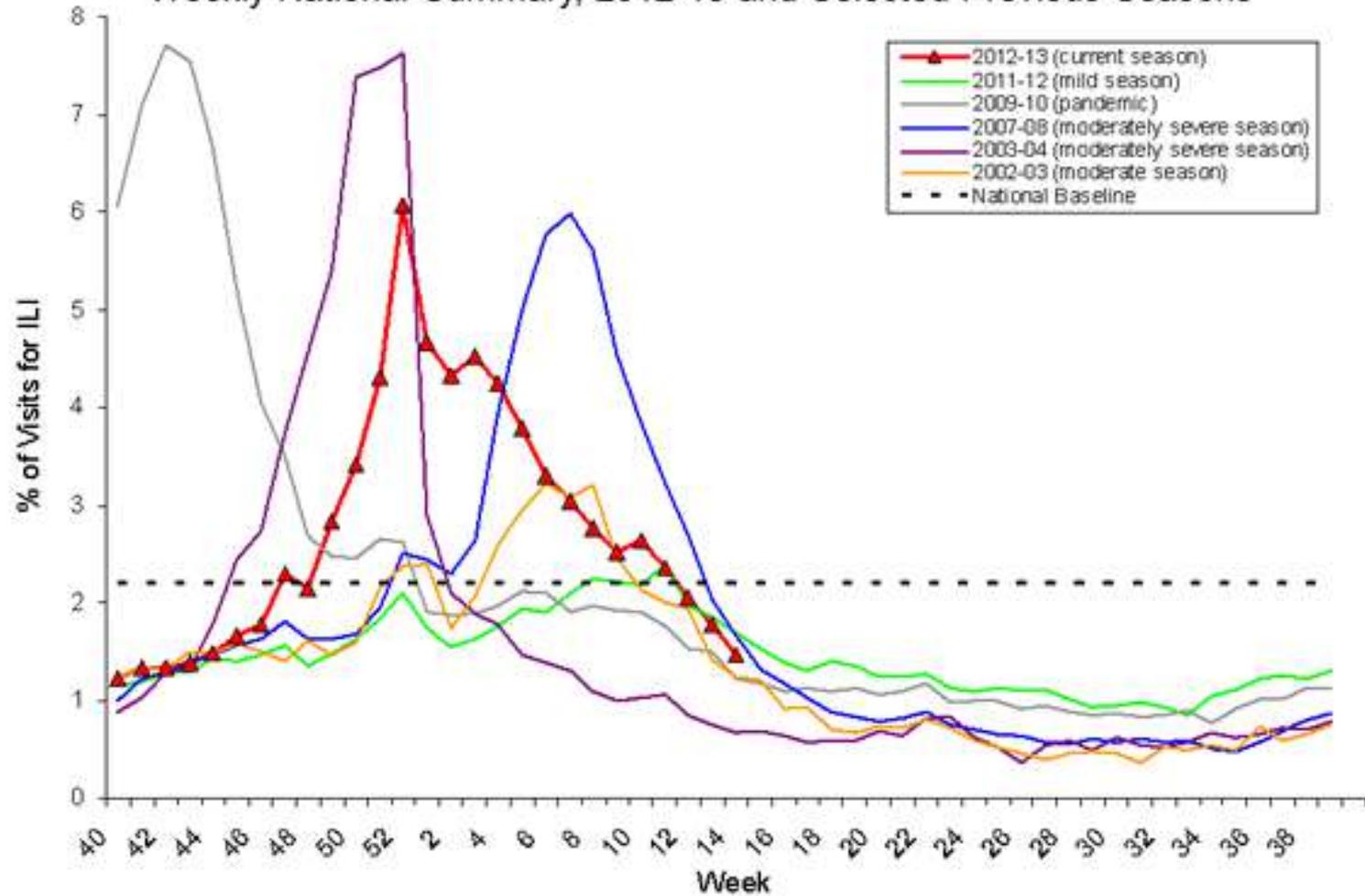
Data Source: WHO/GIP, data in HQ as of 11 March 2013.
Data used are from FluNet (www.who.int/flu-net), 17:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.



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

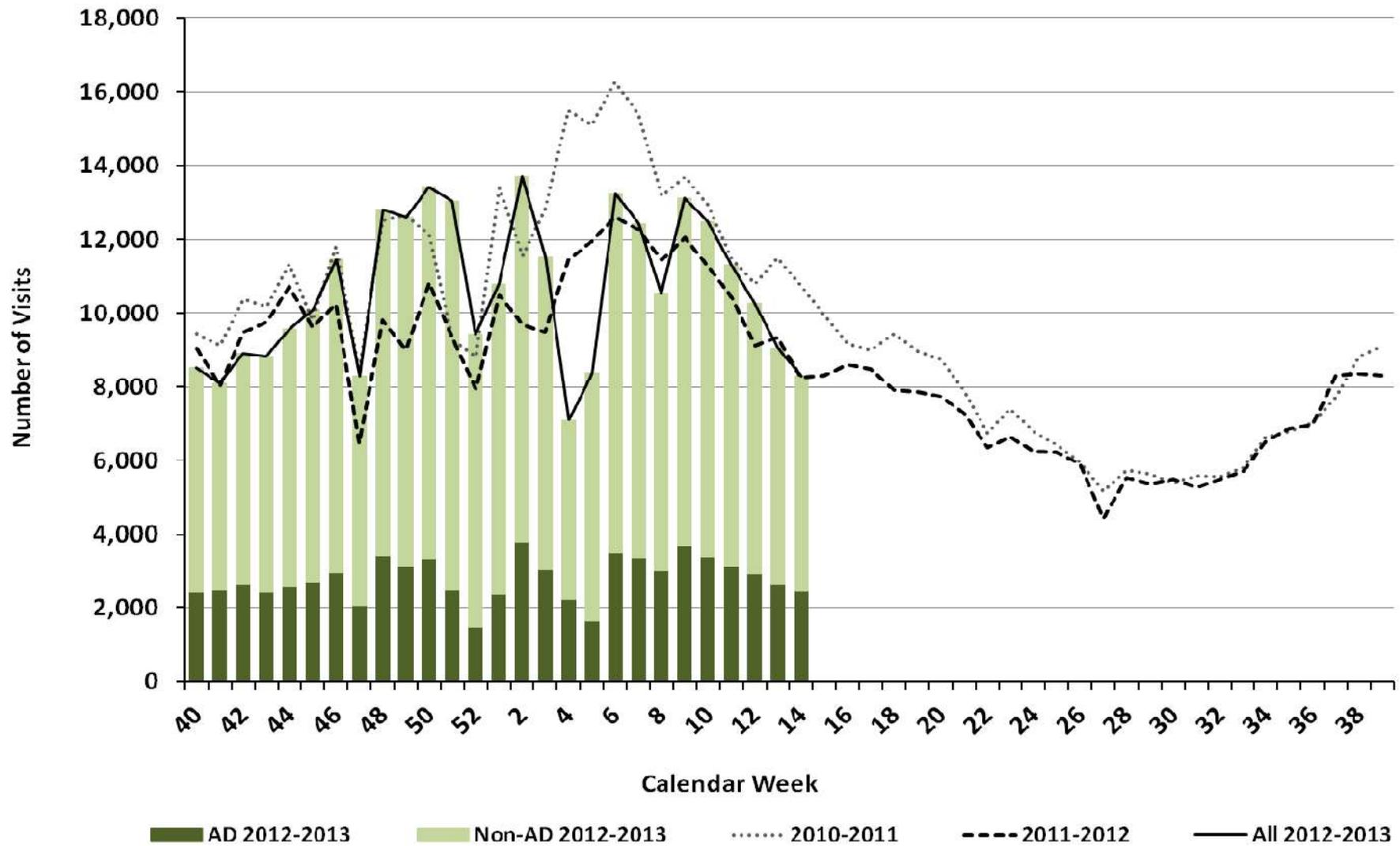
http://www.who.int/influenza/surveillance_monitoring/updates/latest_update_GIP_surveillance/en/index.html

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

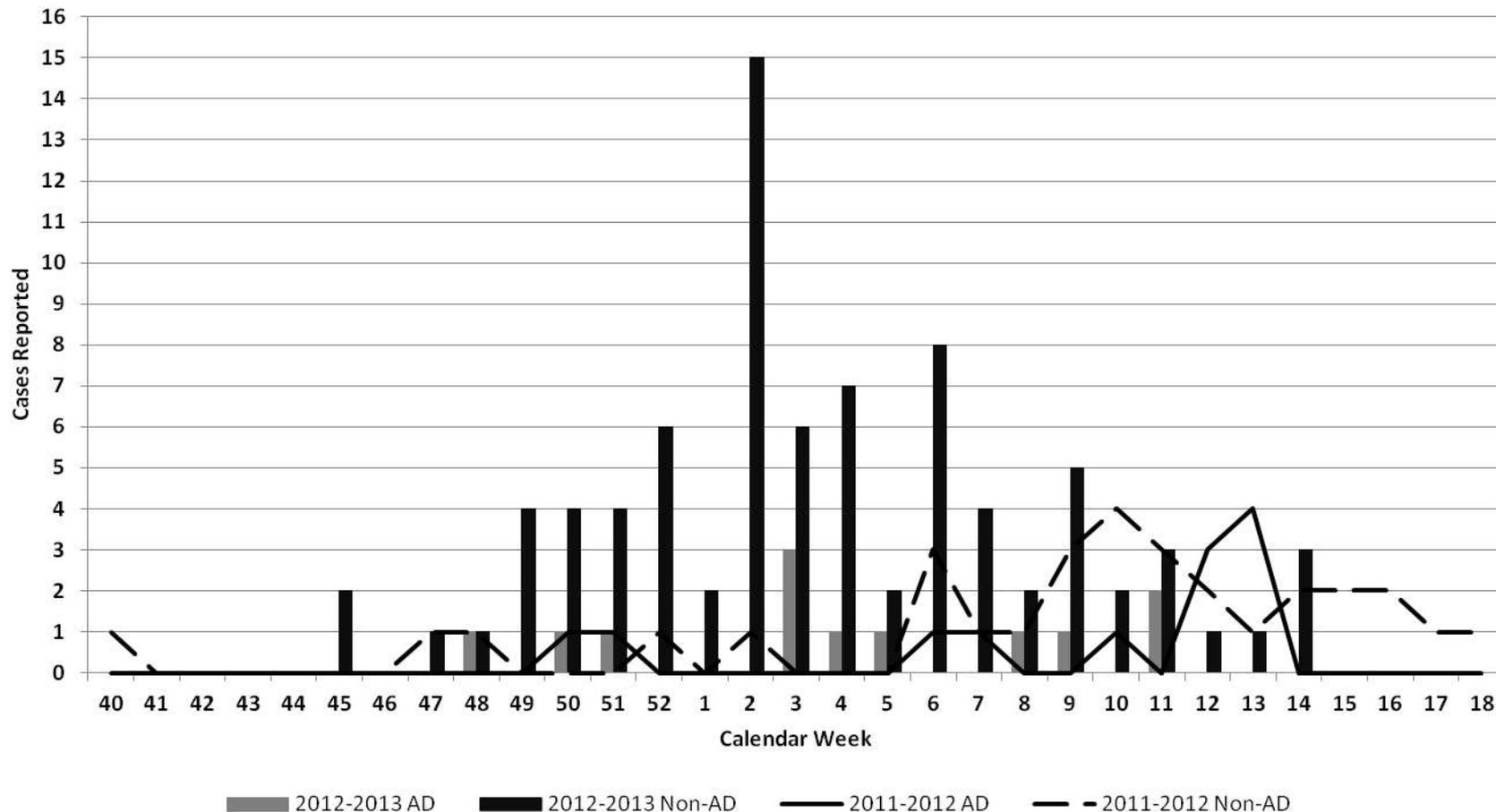


Clinic visits for ILI are obtained from ESSENCE. Data as of 11 April 2013.

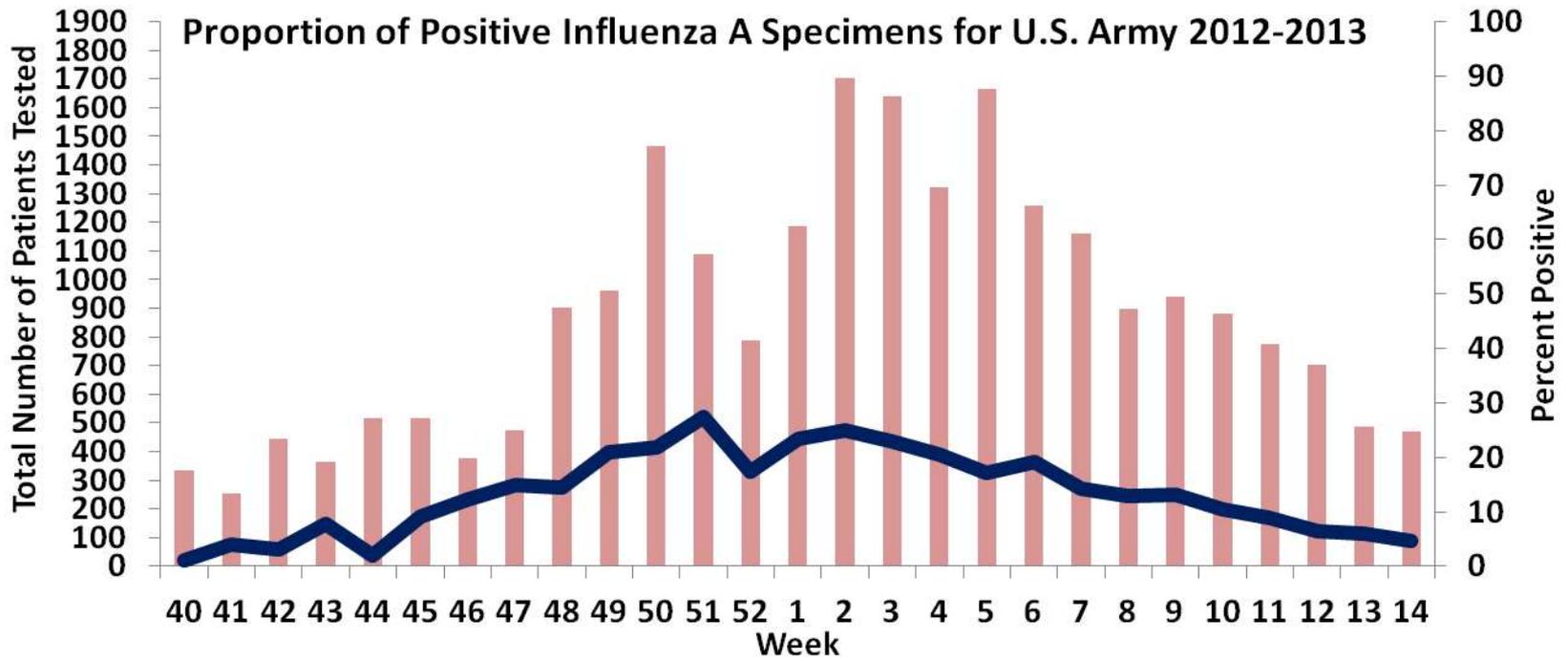
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| RSV | 45 | 32 | 18 | 15 | 4000 |
| <i>Negative</i> | <i>794</i> | <i>734</i> | <i>509</i> | <i>519</i> | <i>113542</i> |
| Total Results | 1066 | 924 | 656 | 617 | 3263 |

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

