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U.S. Army Influenza Activity Report

Week Ending 16 January 2016 (Week 02)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 22 January 2016

93%	DOD*
96%	Army Active Duty
93%	Army Guard
81%	Army Reserve

*Source: DHA

SYNOPSIS: During week two, the number of specimens testing positive for influenza A increased in all regions except for CENTCOM.

- **ILI Activity:** Army incident ILI outpatient visits in week 2 were 19% lower than the same week last year.
- **Influenza cases:** One hospitalized influenza case was reported to APHC(P) through DRSi in week 2; the case was an ANG Service Member who was unvaccinated.
- **Viral specimens:** During week 2, 128 of 726 (18%) laboratory specimens tested positive for respiratory pathogens. RHC-C reported 12 influenza A-positive specimens, RHC-P reported 7, RHC-A reported 6, and RHC-E reported 2. CENTCOM did not report any influenza A-positive specimens.

Geographic Spread

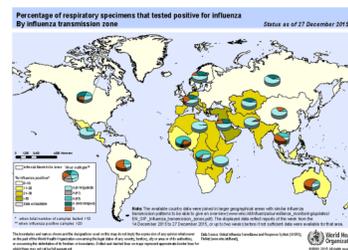


United States

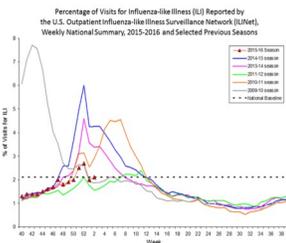
- In week 2, widespread and regional influenza activity was reported in Puerto Rico and thirteen states. Guam and twelve states reported local influenza activity, while the US Virgin Islands and 24 states reported sporadic. No influenza activity was reported in the District of Columbia and Alabama.

World Health Organization

- In Central Asia, influenza activity increased in a few countries, but in general remained low.

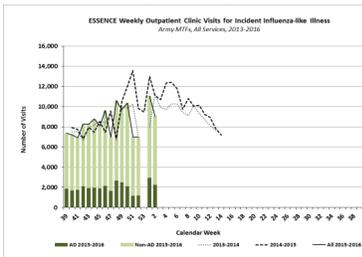


ILI Activity United States



- Nationwide during week 2, 2.1% of outpatient visits reported in ILINet were due to ILI, which is at the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 1.0% to 4.1% across the regions reporting.

ILI Activity Army



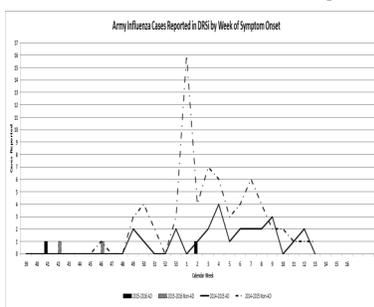
- During week 2, incident ILI activity was 19% lower than the same time last year and 20% lower than week 2 in 2013-2014.
- AD SMs accounted for 25% of incident ILI clinic visits during week 2; in 2014-2015, AD SMs comprised 26% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 51	Week 52	Week 1	Week 2	Season Total
Influenza A	6	3	12	27	109
Influenza B	3	5	6	5	49
Adenovirus	8	12	17	22	141
Enterovirus	3	0	2	0	17
Parainfluenza	8	3	6	5	180
RSV	84	86	80	69	899
Negative	473	473	630	598	8825
Total Results	585	582	753	726	10220

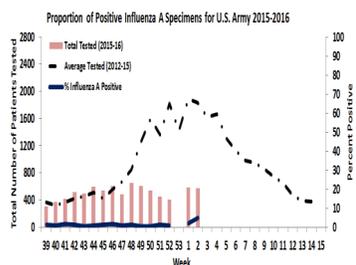
- In week 2, 18% (128) of specimens tested positive.
- RSV accounted for 54% of positive specimens, adenovirus for 17%, and parainfluenza for 4%.
- Influenza A accounted for 21% of positive specimens.
- Influenza B accounted for 4% of positive specimens.

DRSi Influenza Case Reporting



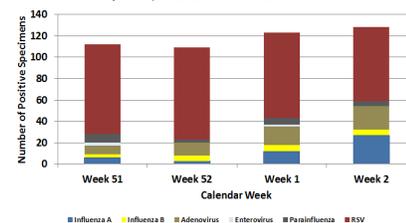
- In week 2, one case of influenza-associated hospitalization was reported in DRSi; the case was an ANG Service Member who was unvaccinated.
- At the same time last influenza season, 34 hospitalized influenza cases had been reported. A total of 4 hospitalized cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week 2, 27 of 577 (4.7%) of specimens tested positive for influenza A. This was a large increase from week 1 (2.1%). 16 (59%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-C reported 12 (44%) of the total influenza A-positive specimens. RHC-P reported 7 (26%) positive specimens, RHC-A reported 6 (22%), and RHC-E reported 2 (7%). CENTCOM did not report any positive influenza A specimens.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 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

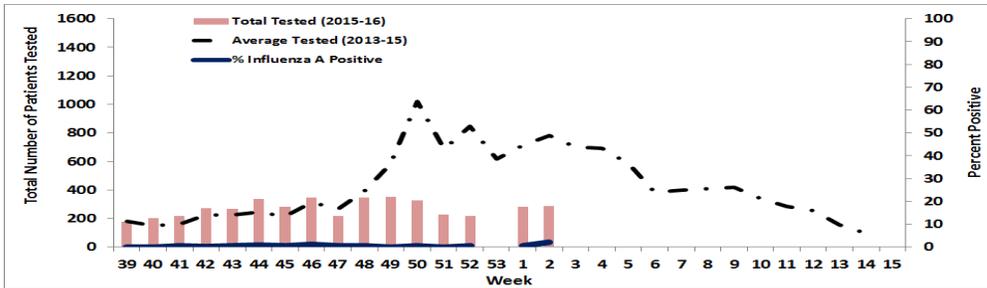
Questions?
Email APHC-DEP
 410-417-3774



U.S. Army Influenza Activity Report

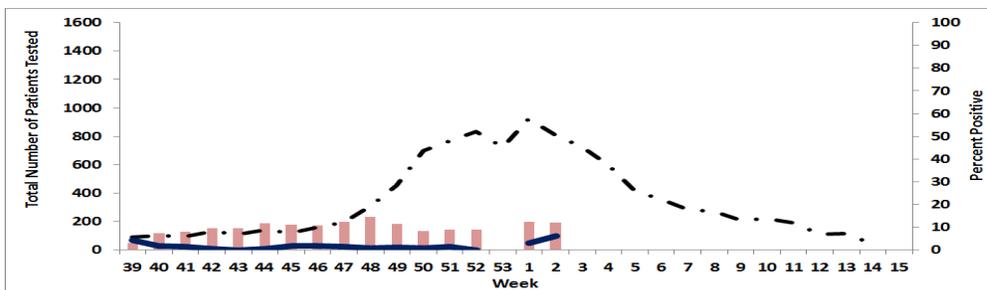
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

Regional Health Command - Atlantic (RHC-A)



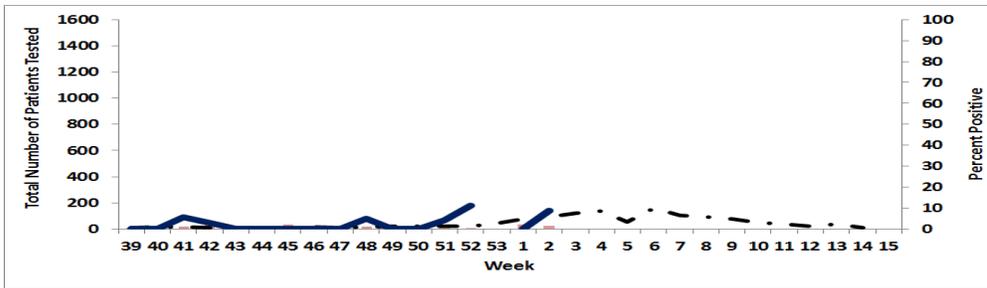
Week 2			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	17
18-29	1	0	2
30-39	0	0	2
40-49	2	0	3
50-59	0	0	1
60+	0	0	2
Total	3	3	27

Regional Health Command - Central (RHC-C)



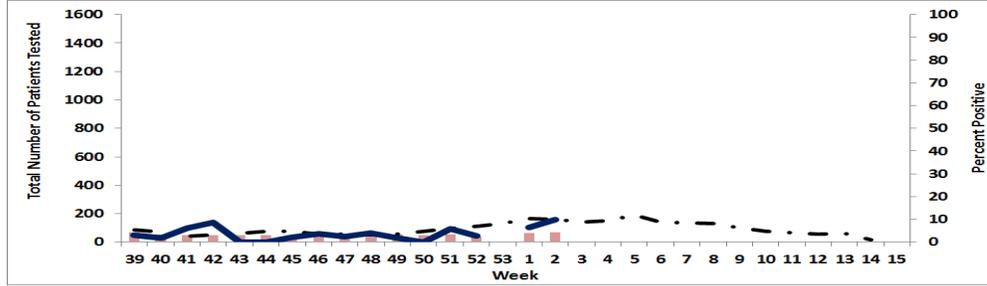
Week 2			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	17
18-29	2	1	12
30-39	3	1	7
40-49	1	1	4
50-59	0	1	2
60+	0	0	0
Total	6	6	42

Regional Health Command - Europe (RHC-E)



Week 2			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	4
18-29	0	0	1
30-39	0	0	1
40-49	1	0	1
50-59	0	0	0
60+	0	0	0
Total	1	1	7

Regional Health Command - Pacific (RHC-P)



Week 2			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	17
18-29	1	1	7
30-39	0	1	2
40-49	0	1	3
50-59	0	0	2
60+	0	0	1
Total	1	6	32

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 47		Week 48		Week 49		Week 50		Week 51		Week 52		Week 1		Week 2	
	AD	Non-AD	AD	Non-AD	AD	Non-AD										
RHC-A	0	1	0	2	0	0	0	2	0	0	1	0	0	2	3	3
RHC-C	0	3	0	2	0	2	1	0	1	1	0	0	2	4	6	6
RHC-E	0	0	0	1	0	0	0	0	0	1	0	1	0	0	1	1
RHC-P	0	1	0	2	0	1	0	0	1	2	0	1	1	3	1	6
CENTCOM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

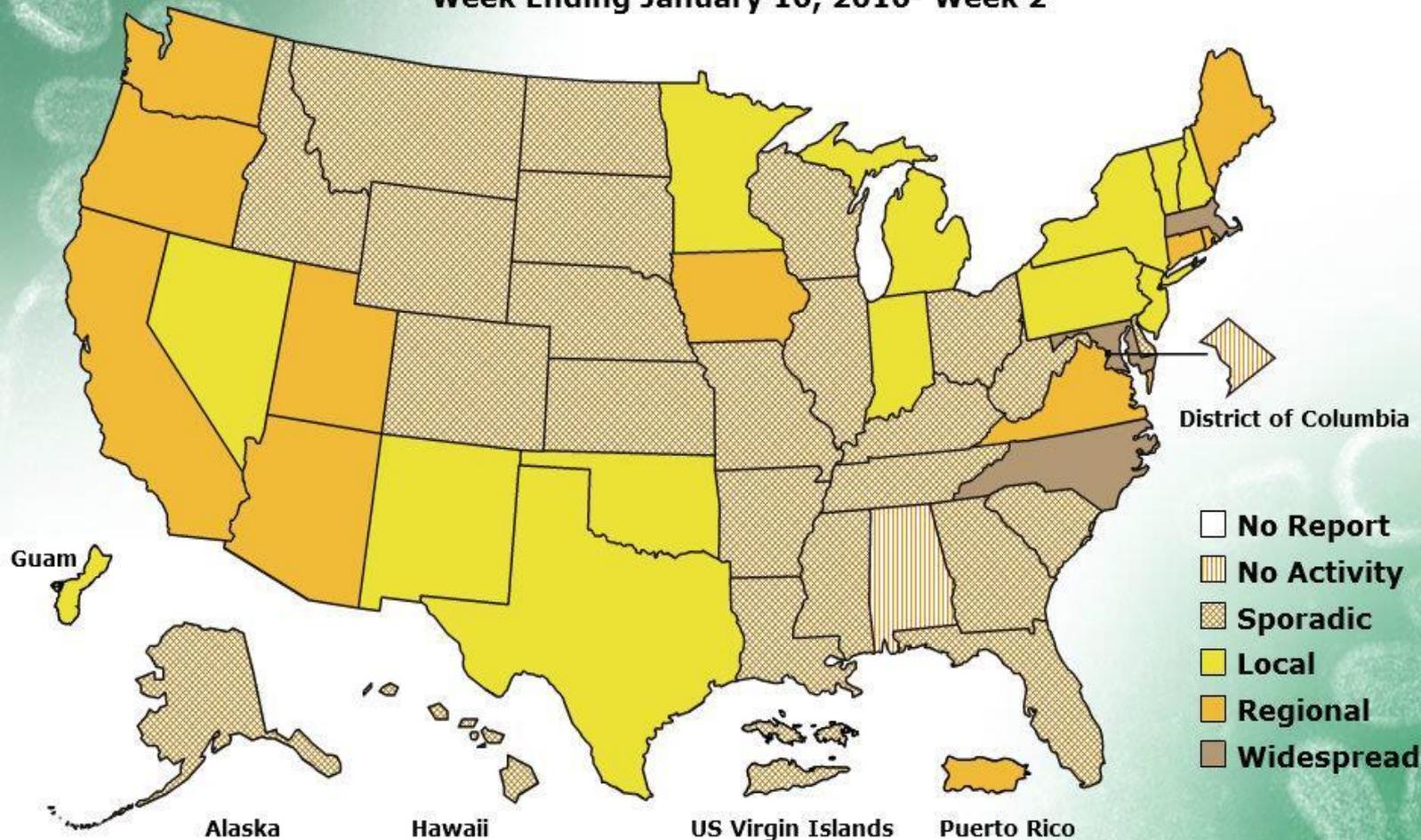
Locations providing week 2 laboratory data as of 21 January 2016: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Landstuhl, Redstone Arsenal, Tripler, West Point, and Walter Reed.

FLUVIEW



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

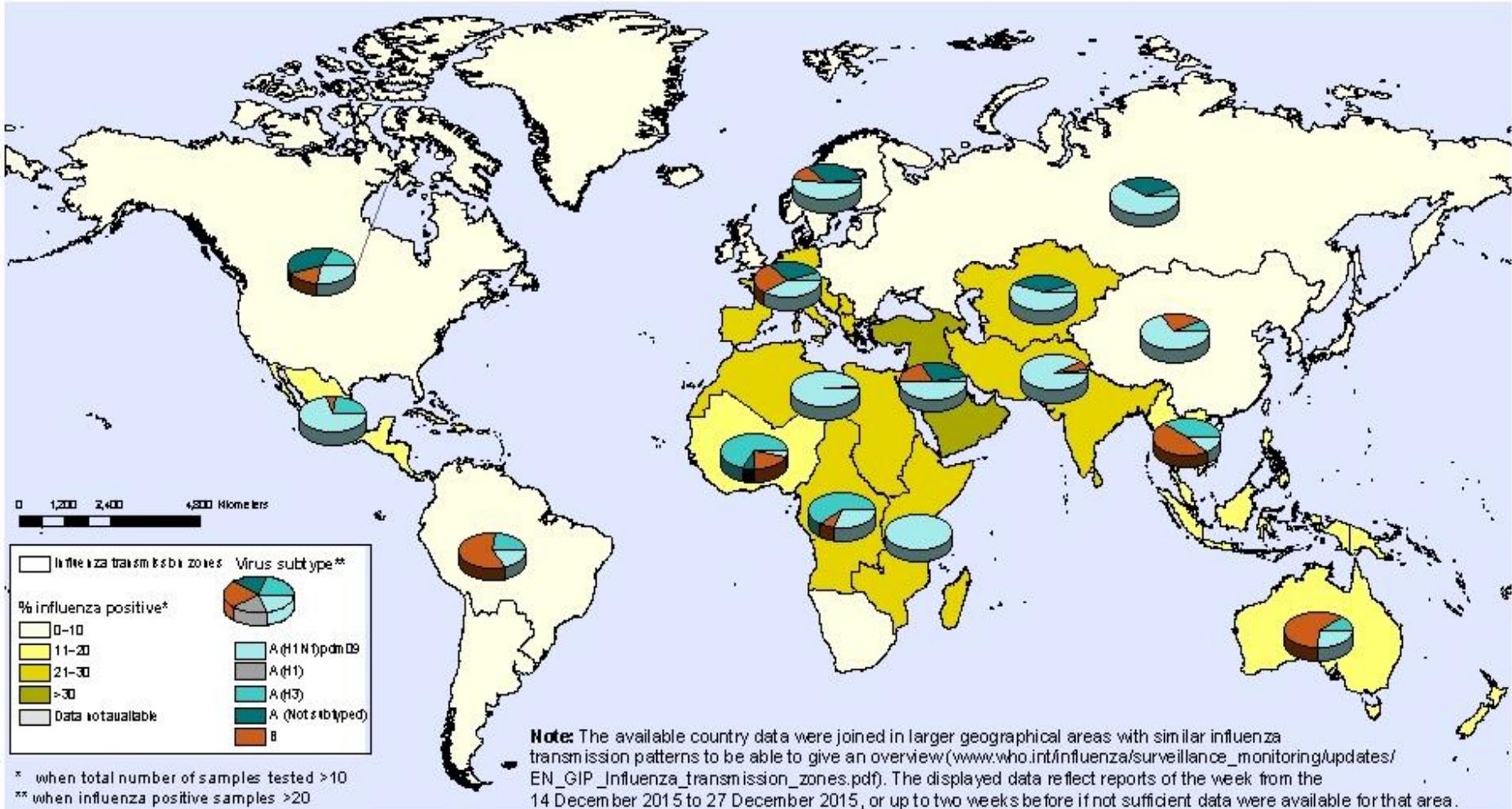
Week Ending January 16, 2016- Week 2



*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

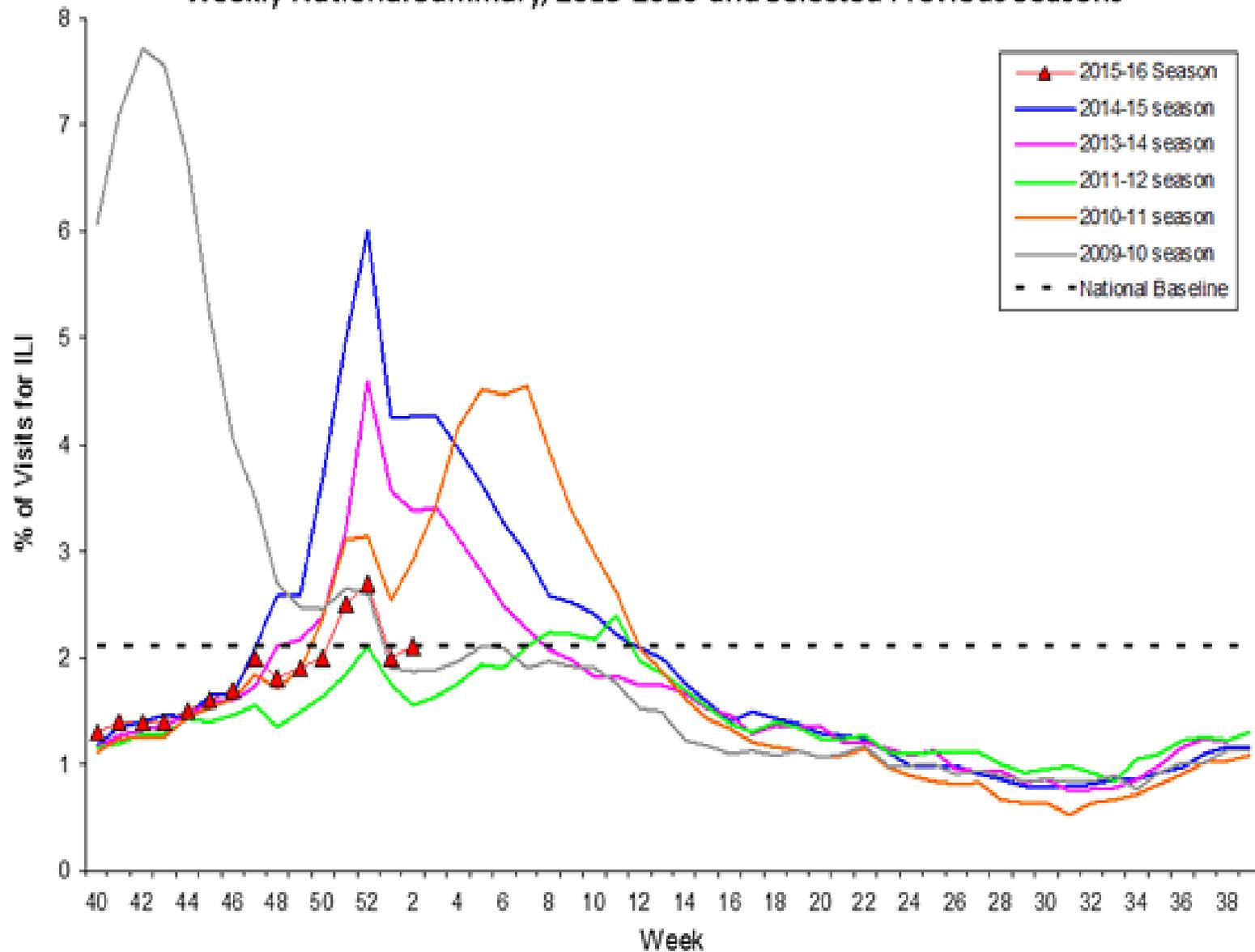
Status as of 27 December 2015



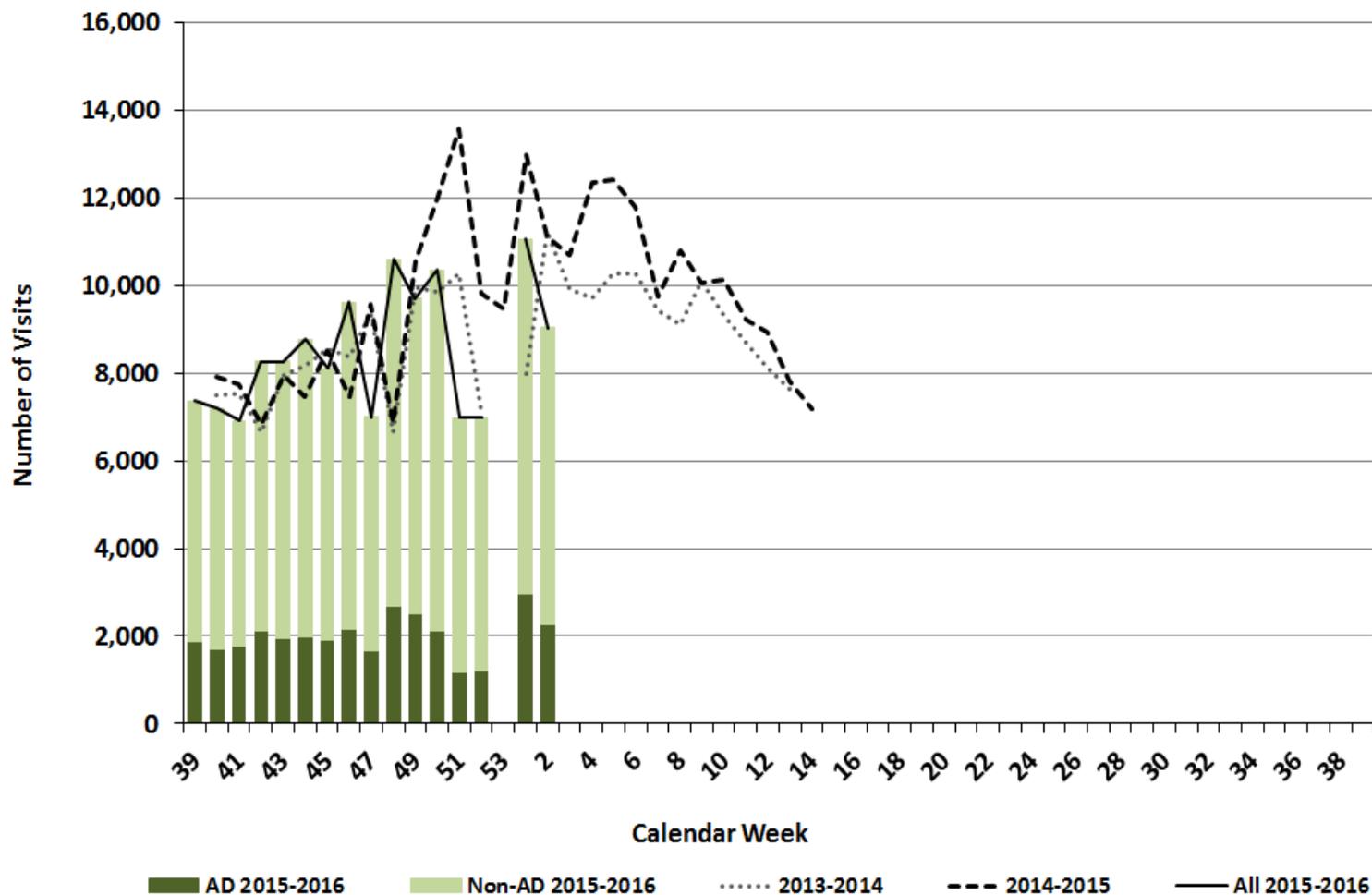
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers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

Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet (www.who.int/flu-net).

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-2016 and Selected Previous Seasons



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness Army MTFs, All Services, 2013-2016

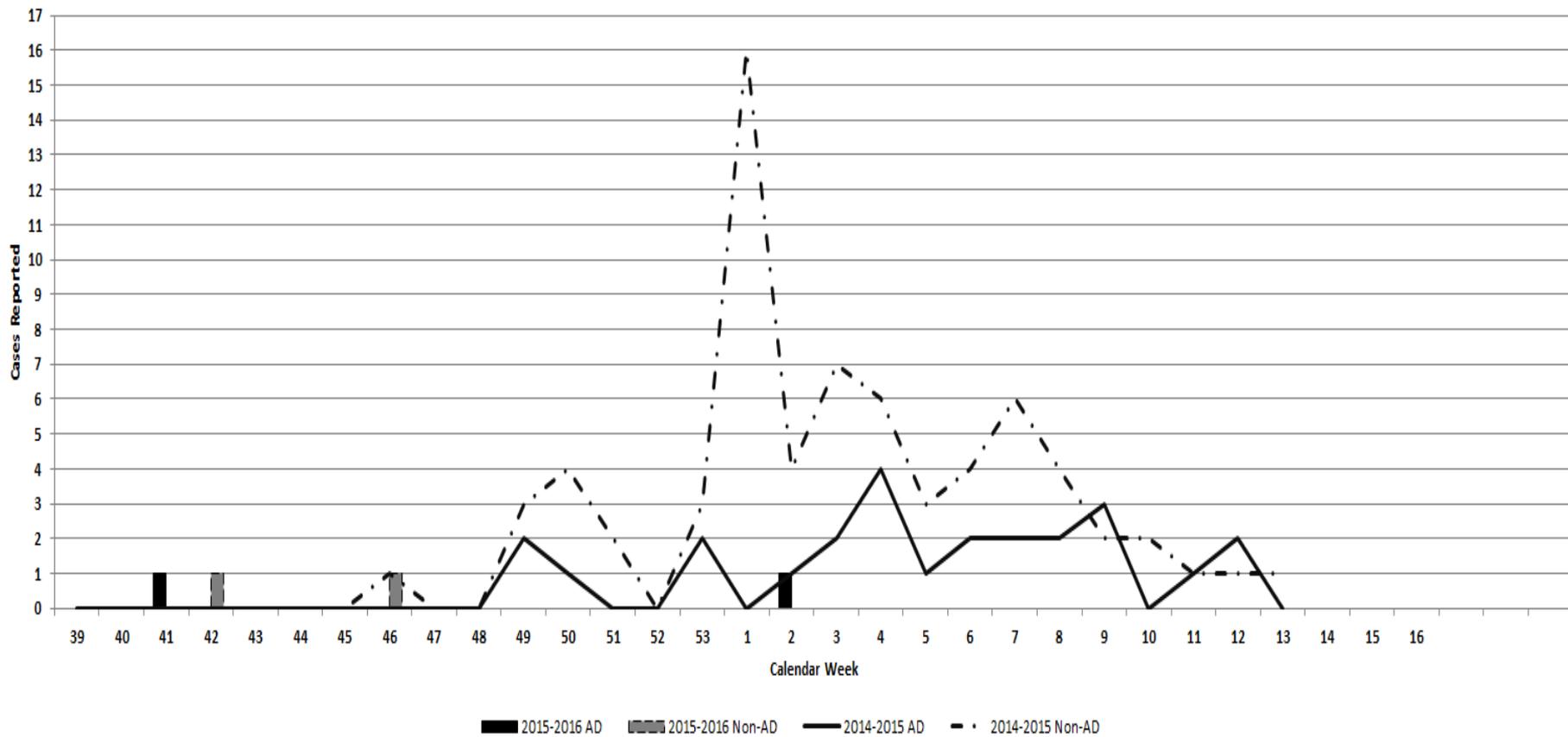


Clinic visits for ILI are obtained from ESSENCE. Data as of 21 January 2016.

Army MTF Laboratory Results, 2015-16

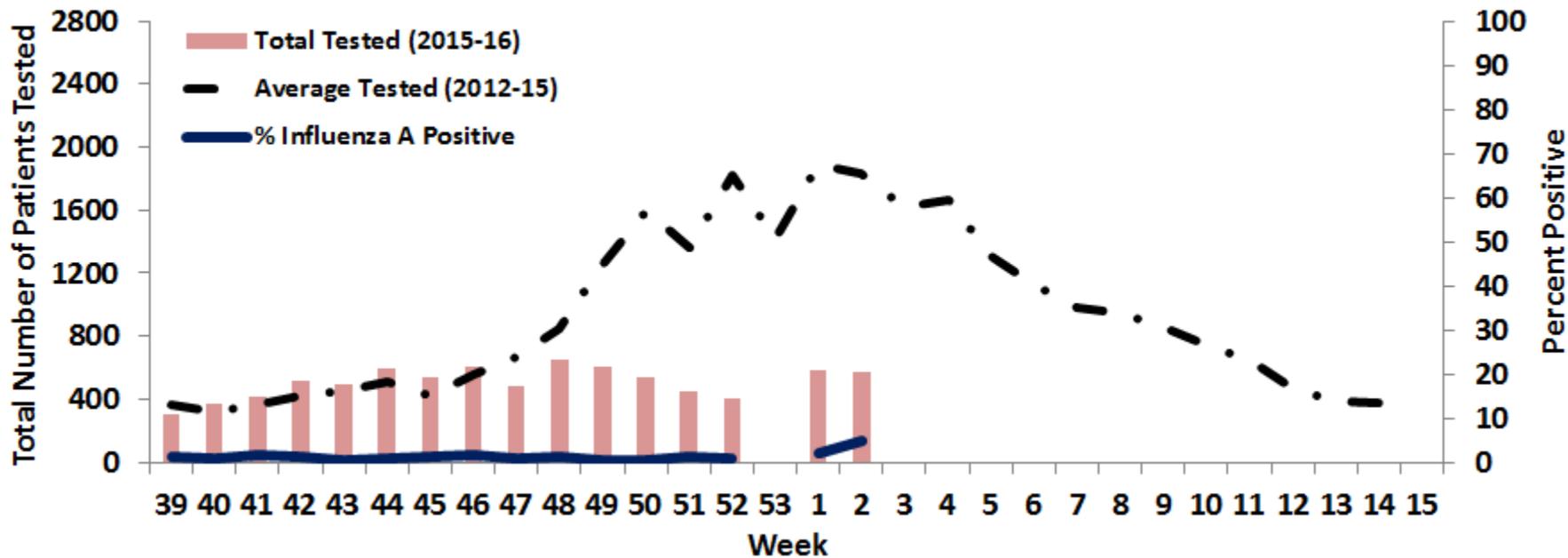
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Army Influenza Cases Reported in DRSi by Week of Symptom Onset



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 21 January 2016.

Proportion of Positive Influenza A Specimens for U.S. Army 2015-2016



Positive Respiratory Specimen Results from Army MTFs by Virus, 2015-2016 Influenza Season

