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U.S. Army Influenza Activity Report

Week Ending 23 January 2016 (Week 03)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 22 January 2016

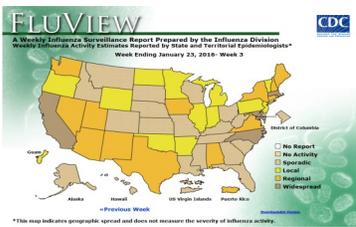
93%	DOD
96%	Army Active Duty
93%	Army Guard
81%	Army Reserve

*Source: DHA

SYNOPSIS: Army incident ILI outpatient visits continue to be lower than previous years. During week three, all regions except for RHC-P saw an increase in the percentage of specimens testing positive for influenza A.

- **ILI Activity:** Army incident ILI outpatient visits in week 3 were 25% lower than the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to APHC(P) through DRSi in week 3. Four hospitalized cases have been reported to date this season.
- **Viral specimens:** During week 3, 129 of 708 (18%) laboratory specimens tested positive for respiratory pathogens. RHC-P reported 8 influenza A-positive specimens, RHC-A reported 5, RHC-C reported 4, and RHC-E reported 2. CENTCOM did not report any influenza A-positive specimens.

Geographic Spread

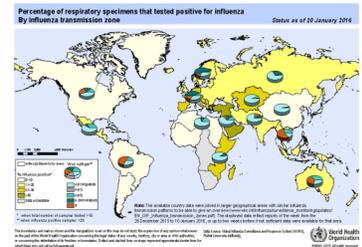


United States

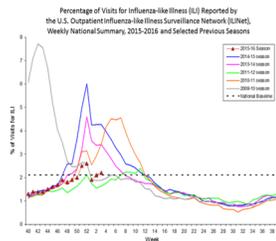
- In week 3, widespread and regional influenza activity was reported in Puerto Rico and eighteen states. Guam and twelve states reported local influenza activity, while the US Virgin Islands, the District of Columbia and 20 states reported sporadic.

World Health Organization

- Influenza activity was slowly increasing but still below seasonal expected levels in northern America.

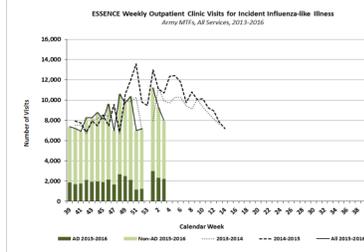


ILI Activity United States



- Nationwide during week 3, 2.2% of outpatient visits reported in ILINet were due to ILI, which is slightly above the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 1.2% to 4.1% across the regions reporting.

ILI Activity Army



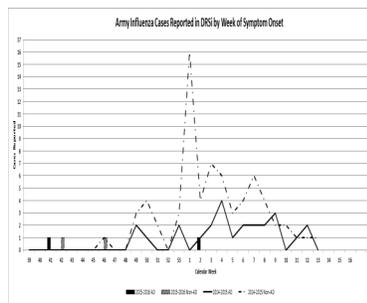
- During week 3, incident ILI activity was 25% lower than the same time last year and 19% lower than week 3 in 2013-2014.
- AD SMs accounted for 28% of incident ILI clinic visits during week 3; in 2014-2015, AD SMs comprised 27% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 52	Week 1	Week 2	Week 3	Season Total
Influenza A	3	12	27	19	128
Influenza B	5	6	5	19	68
Adenovirus	12	17	22	3	144
Enterovirus	0	2	0	2	19
Parainfluenza	3	6	5	5	185
RSV	86	80	67	81	978
Negative	473	626	585	579	9382
Total Results	582	749	711	708	10904

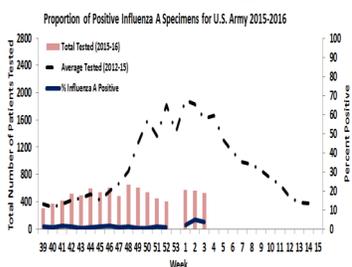
- In week 3, 18% (129) of specimens tested positive.
- RSV accounted for 63% of positive specimens.
- Influenza A accounted for 15% of positive specimens.
- Influenza B accounted for 15% of positive specimens.
- Parainfluenza accounted for 4%, and adenovirus for 2%.

DRSi Influenza Case Reporting



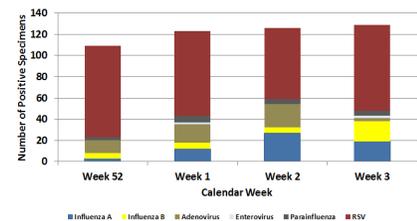
- In week 3, no cases of influenza-associated hospitalization were reported in DRSi.
- At the same time last influenza season, 39 hospitalized influenza cases had been reported. A total of 4 hospitalized cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week 3, 19 of 532 (3.6%) of specimens tested positive for influenza A. This was a decrease from week 2 (4.8%). 13 (68%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-P reported 8 (42%) of the total influenza A-positive specimens. RHC-A reported 5 (26%) positive specimens, RHC-C reported 4 (21%), and RHC-E reported 2 (11%). 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

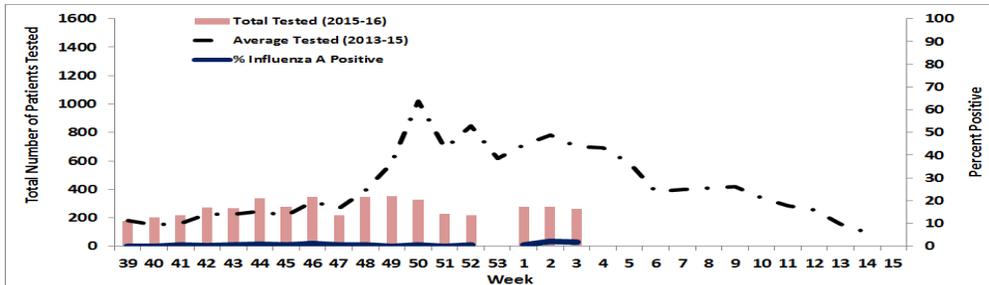
Questions?
 Email APHC-DEP
 410-417-3774



U.S. Army Influenza Activity Report

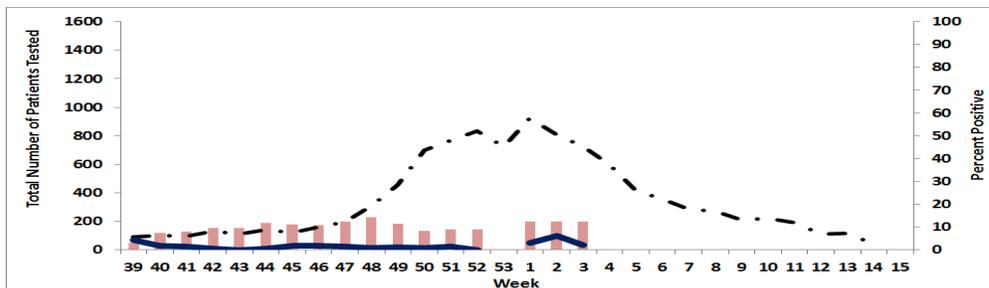
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2013-2015

Regional Health Command - Atlantic (RHC-A)



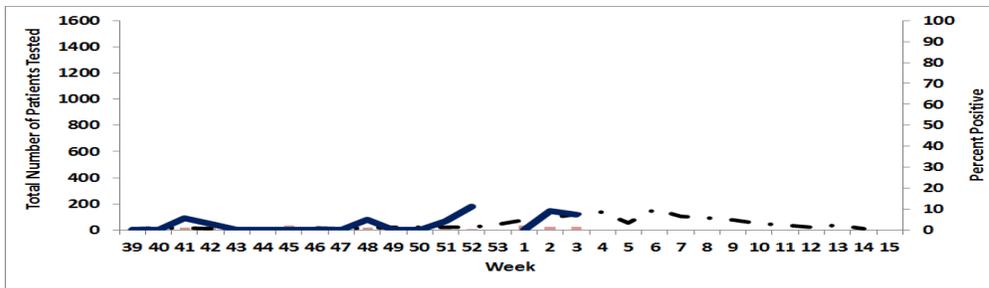
Week 3			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	18
18-29	1	0	3
30-39	0	0	2
40-49	1	1	5
50-59	0	1	2
60+	0	0	2
Total	2	3	32

Regional Health Command - Central (RHC-C)



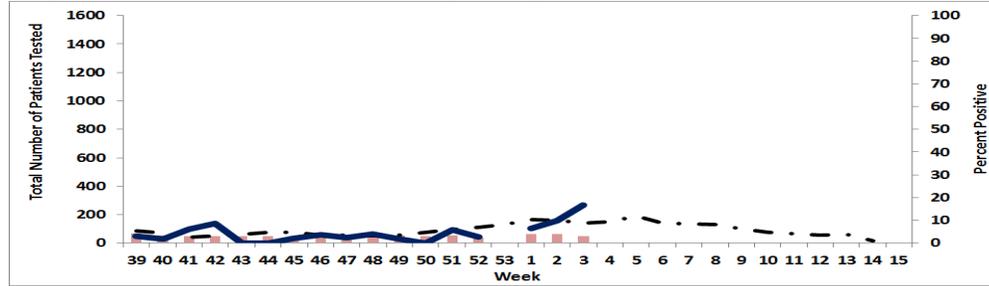
Week 3			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	17
18-29	2	1	15
30-39	0	1	8
40-49	0	0	4
50-59	0	0	2
60+	0	0	0
Total	2	2	46

Regional Health Command - Europe (RHC-E)



Week 3			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	4
18-29	0	1	2
30-39	0	0	1
40-49	0	1	2
50-59	0	0	0
60+	0	0	0
Total	0	2	9

Regional Health Command - Pacific (RHC-P)



Week 3			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	21
18-29	0	2	9
30-39	0	1	3
40-49	0	1	4
50-59	0	0	2
60+	0	0	1
Total	0	8	40

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 48		Week 49		Week 50		Week 51		Week 52		Week 1		Week 2		Week 3	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD								
RHC-A	0	2	0	0	0	2	0	0	1	0	0	2	3	3	2	3
RHC-C	0	2	0	2	1	0	1	1	0	0	2	4	6	6	2	2
RHC-E	0	1	0	0	0	0	0	1	0	1	0	0	1	1	2	0
RHC-P	0	2	0	1	0	0	1	2	0	1	1	3	1	6	0	8
CENTCOM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

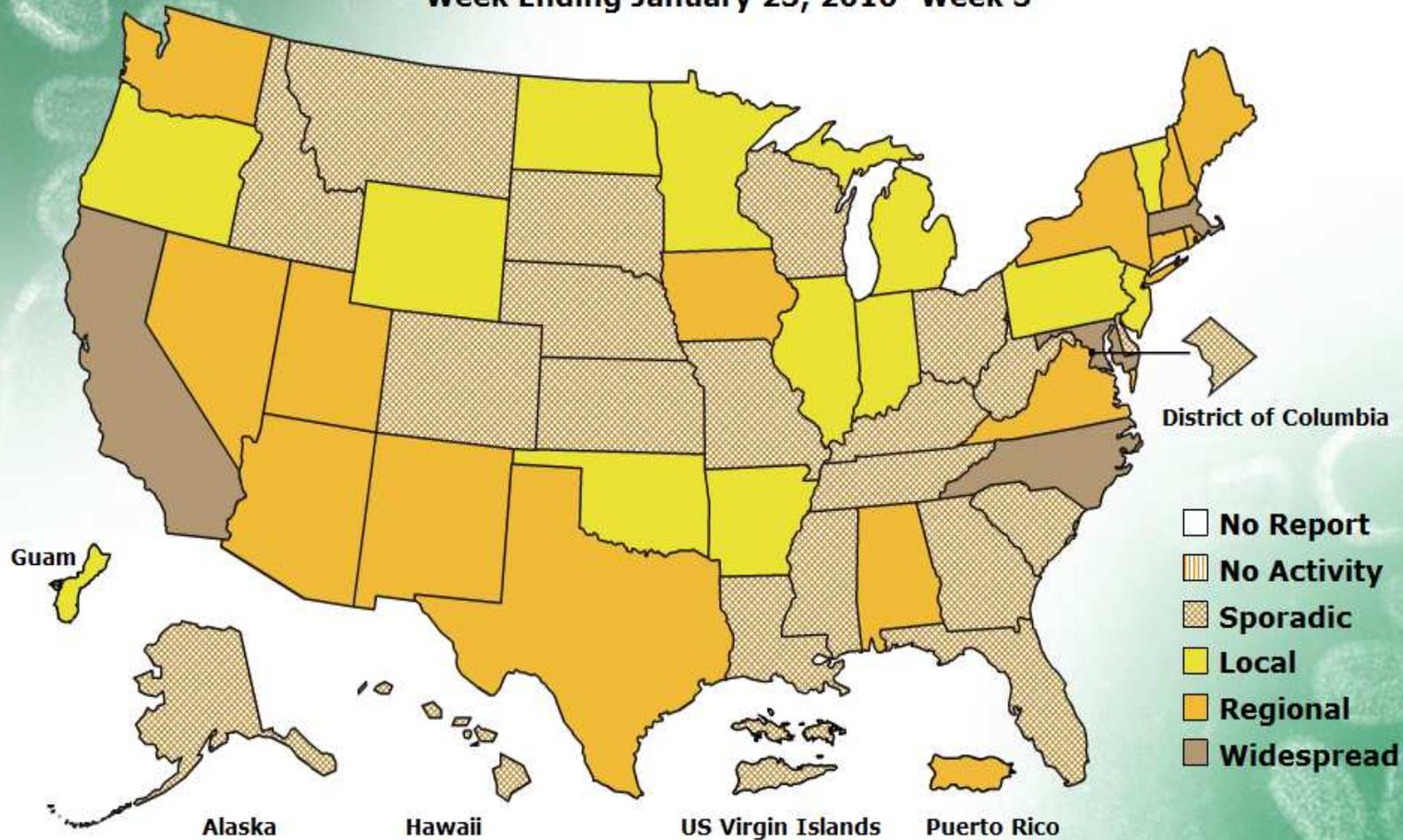
Locations providing week 3 laboratory data as of 28 January 2016: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, 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 23, 2016- Week 3



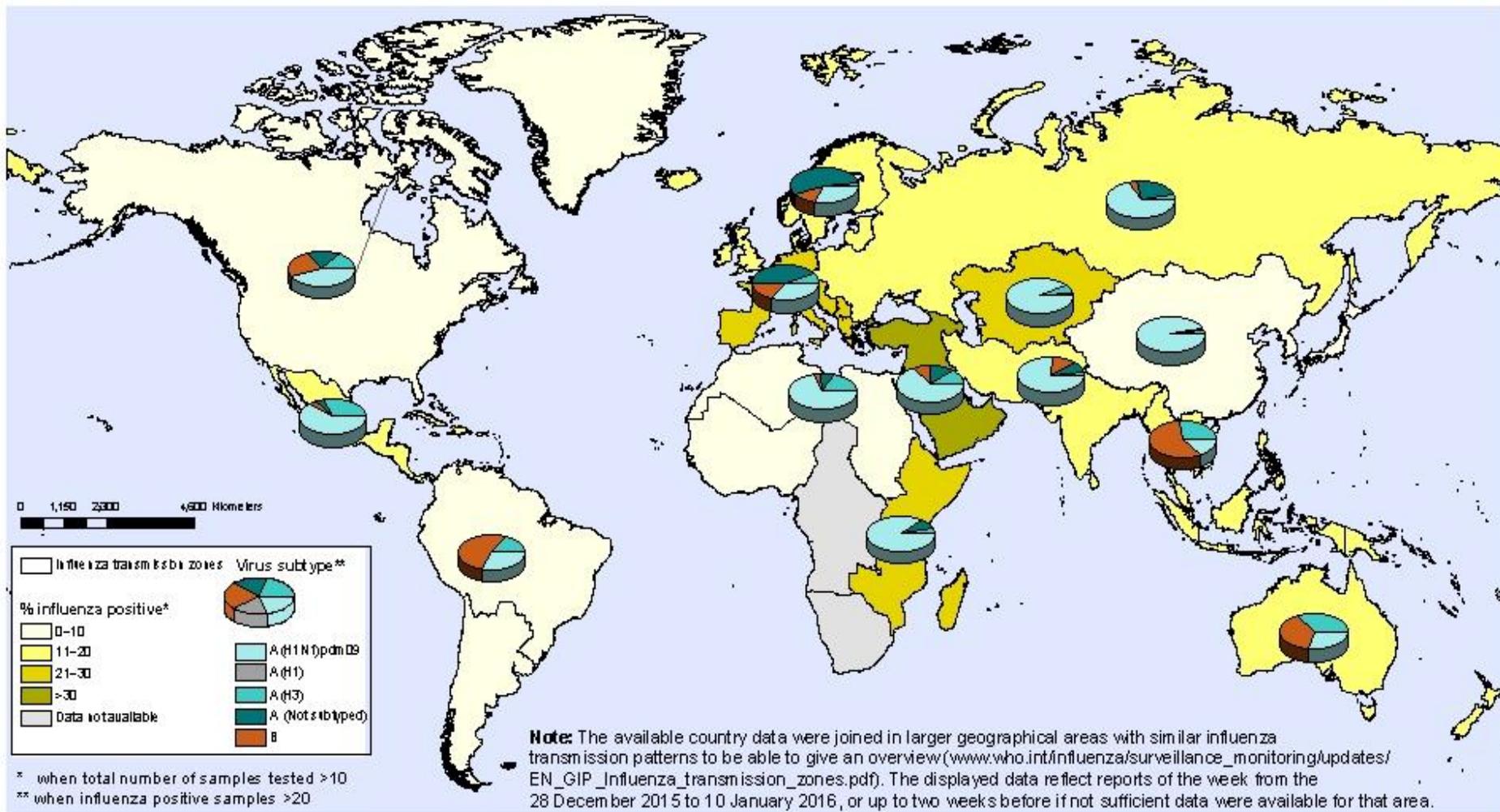
[«Previous Week](#)

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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 20 January 2016



* when total number of samples tested >10

** when influenza positive samples >20

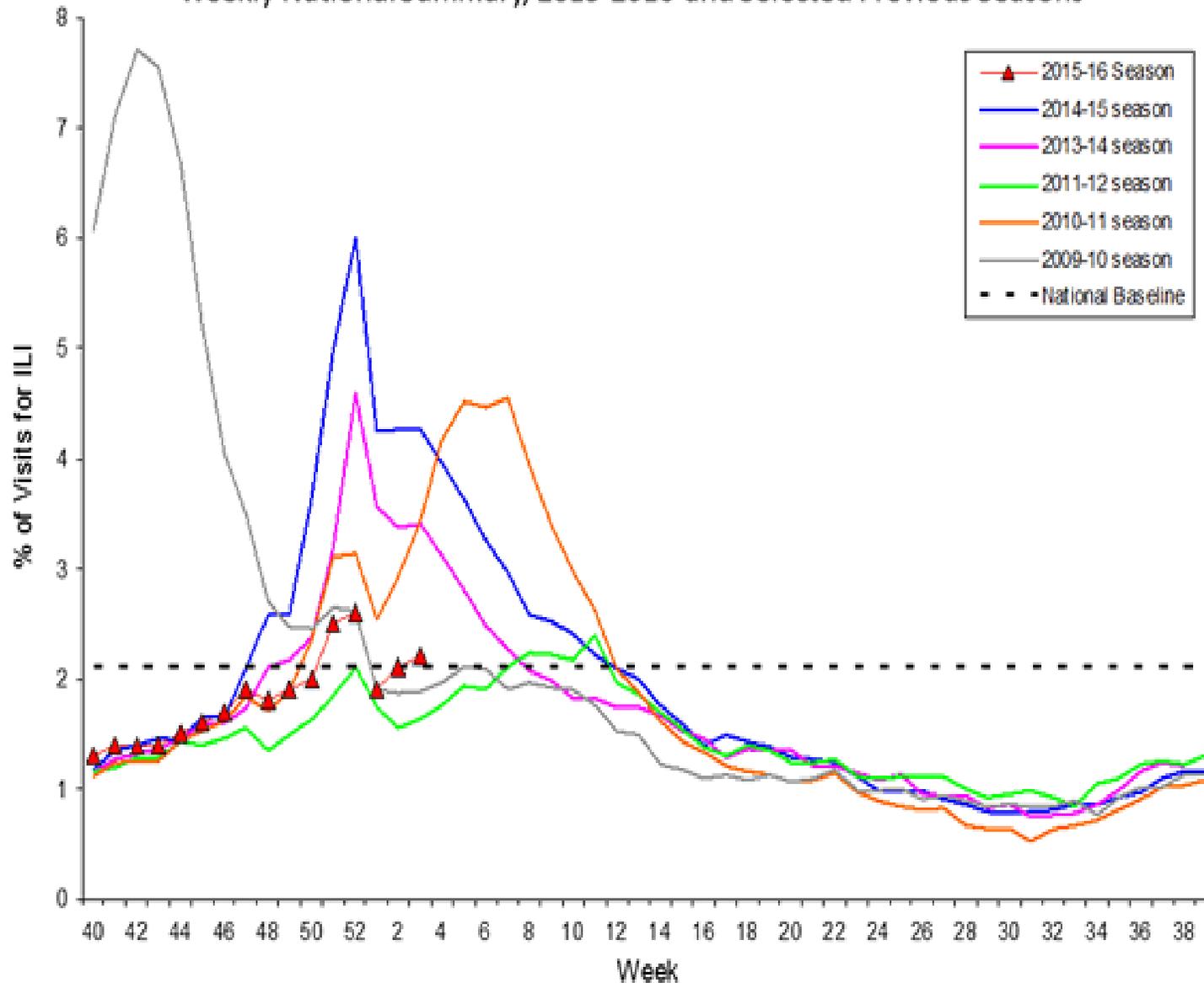
The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers 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).

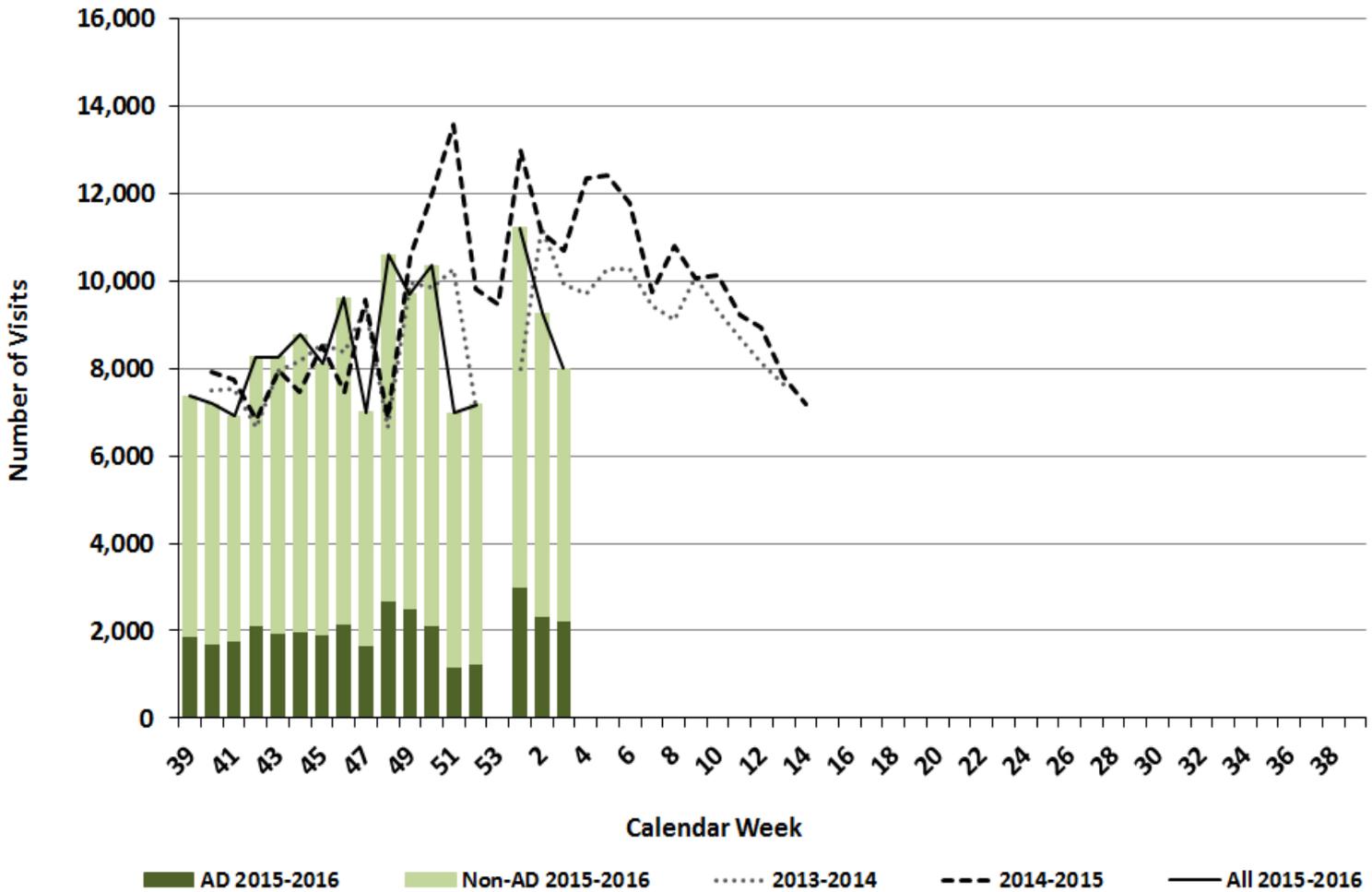


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Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-2016 and Selected Previous Seasons



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

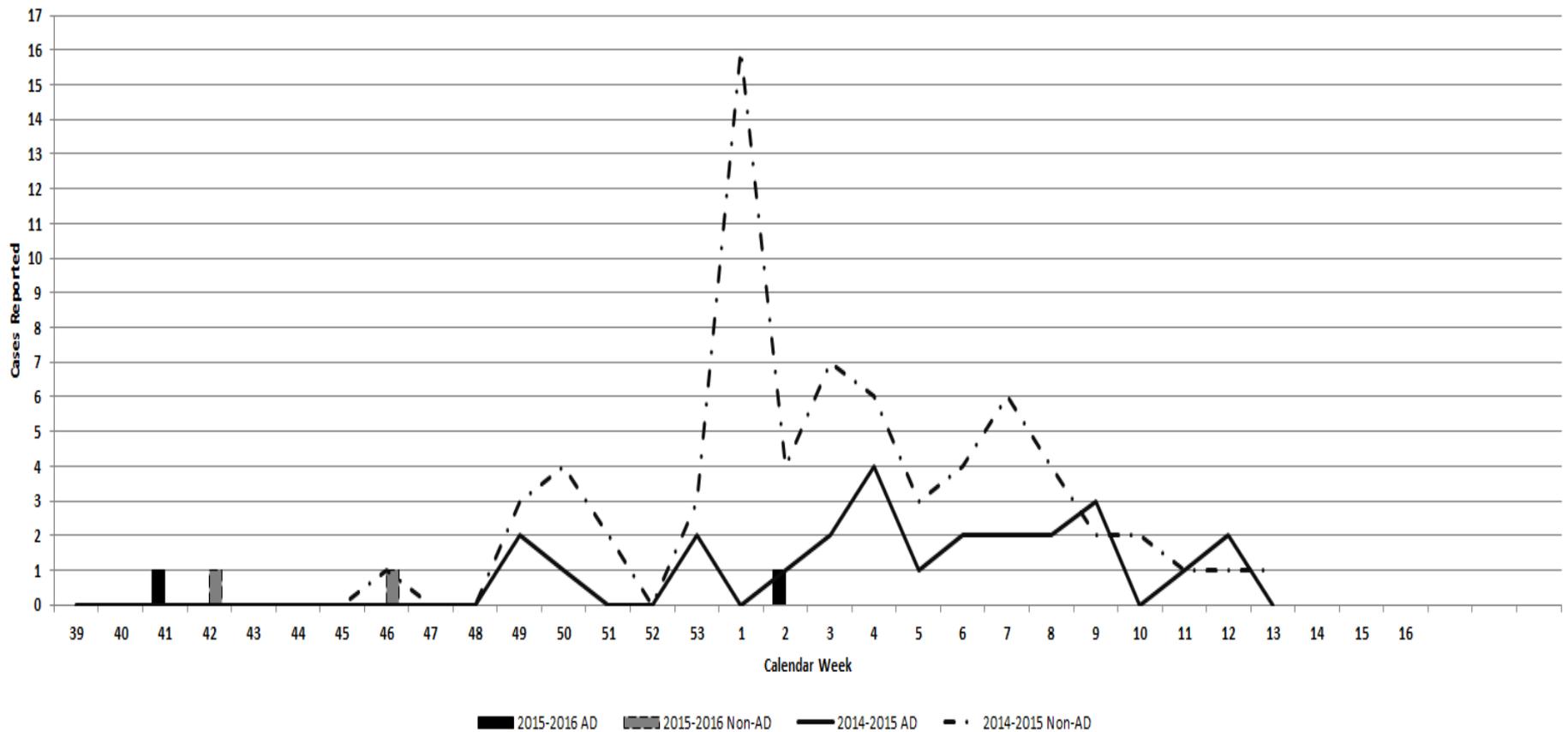


Clinic visits for ILI are obtained from ESSENCE. Data as of 27 January 2016.

Army MTF Laboratory Results, 2015-16

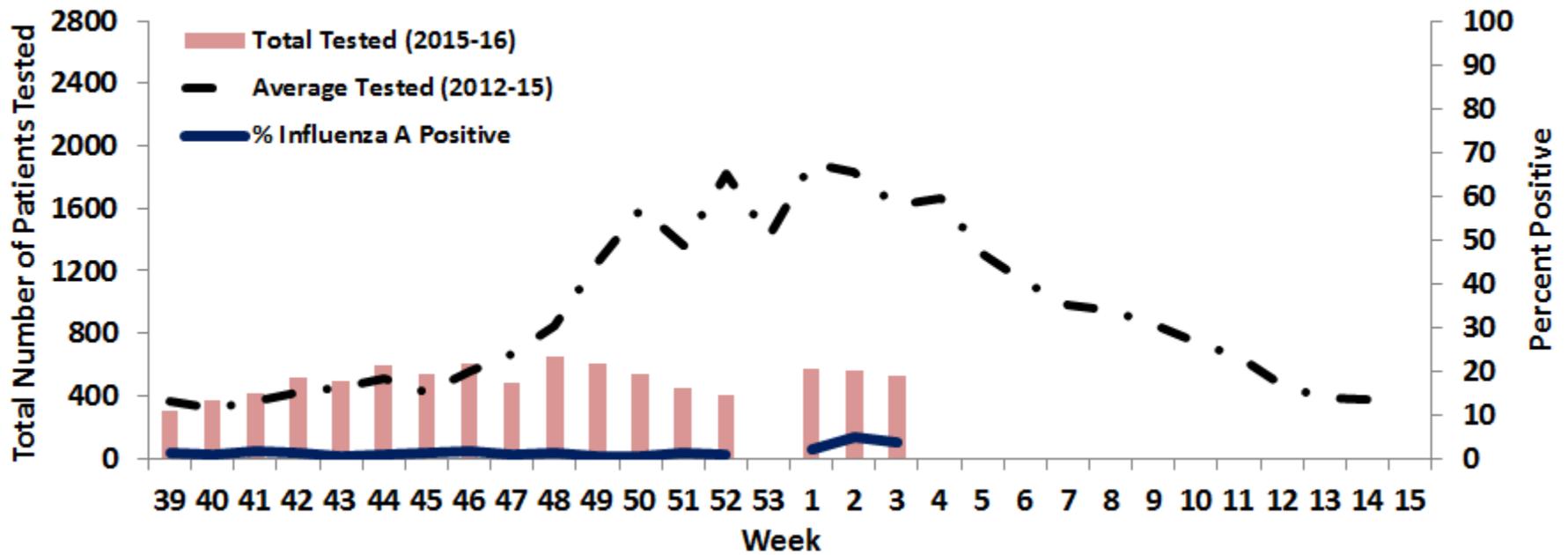
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Army Influenza Cases Reported in DRSi by Week of Symptom Onset



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 27 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

