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U.S. Army Influenza Activity Report

Week Ending 2 January 2016 (Week 52)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 8 January 2016
(Click for detail)

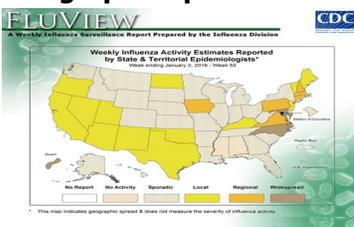
92%	DOD*
95%	Army Active Duty
91%	Army Guard
78%	Army Reserve

*Source: DHA

SYNOPSIS: Influenza activity has remained relatively low for the current season, with a decrease in influenza activity in Army MTFs over the past week. In the US civilian population, influenza-like illness (ILI) activity increased slightly.

- **ILI Activity:** Army incident ILI outpatient visits in week 52 were 33% lower than the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to APHC(P) through DRSi in week 52. Three hospitalized cases have been reported to date this season.
- **Viral specimens:** During week 52, 107 of 605 (18%) laboratory specimens tested positive for respiratory pathogens. RHC-A, RHC-P, and RHC-E each reported 1 influenza A-positive specimen. RHC-C and CENTCOM did not report any influenza A-positive specimens.

Geographic Spread

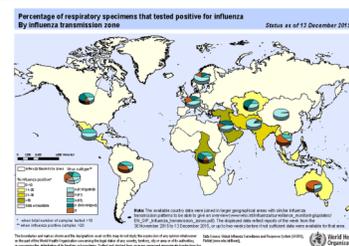


United States

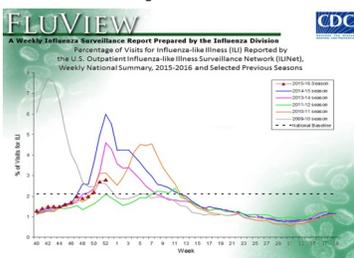
- In week 52, widespread and regional influenza activity was reported in Guam and eight states. Thirteen states reported local influenza activity, while 27 states and the US Virgin Islands reported sporadic. No influenza activity was reported in the District of Columbia and two states. Puerto Rico did not report.

World Health Organization

- Few influenza virus detections were reported by countries in tropical Africa.

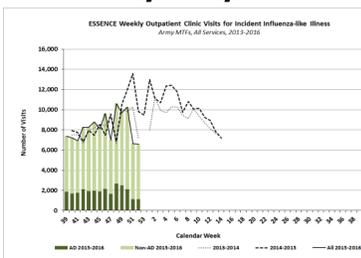


ILI Activity United States



- Nationwide during week 52, 2.8% of outpatient visits reported in ILINet were due to ILI, which is above the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 0.8% to 5.3% across the regions reporting.

ILI Activity Army



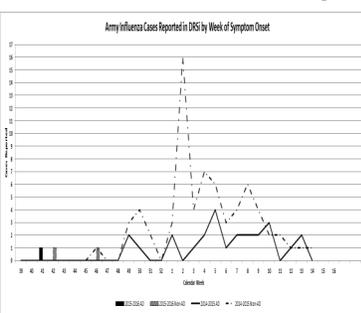
- During week 52, incident ILI activity was 33% lower than the same time last year and 8% lower than week 52 in 2013-2014.
- AD SMs accounted for 17% of incident ILI clinic visits during week 52; in 2014-2015, AD SMs comprised 26% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Test Result	Week 49	Week 50	Week 51	Week 52	Season Total
Influenza A	3	3	6	3	70
Influenza B	1	1	3	5	38
Adenovirus	9	8	8	12	102
Enterovirus	2	4	3	0	15
Parainfluenza	6	19	8	3	169
RSV	74	74	87	84	751
Negative	672	612	484	498	7641
Total Results	767	721	599	605	8786

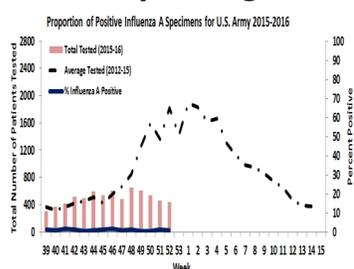
- In week 52, 18% (107) of specimens tested positive.
- RSV accounted for 79% of positive specimens, adenovirus for 11%, and parainfluenza for 3%.
- Influenza A accounted for 3% of positive specimens.
- Influenza B accounted for 5% of positive specimens.

DRSi Influenza Case Reporting



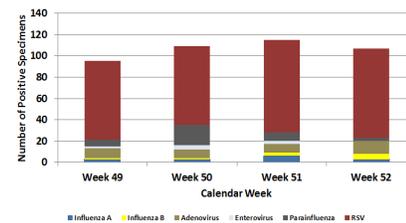
- In week 52, no cases of influenza-associated hospitalization were reported in DRSi.
- At the same time last influenza season, 13 hospitalized influenza cases had been reported. A total of 3 hospitalized cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week 52, 3 of 434 (0.7%) specimens tested positive for influenza A. This was a large decrease from week 51 (1.3%). Two (67%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-A, RHC-P, and RHC-E each reported 1 (33%) influenza A-positive specimen. RHC-C and 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

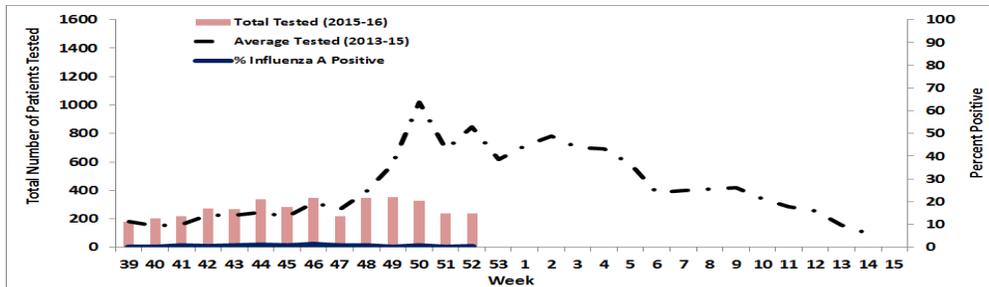
Questions?
Email APHC-DEP
 410-417-3774



U.S. Army Influenza Activity Report

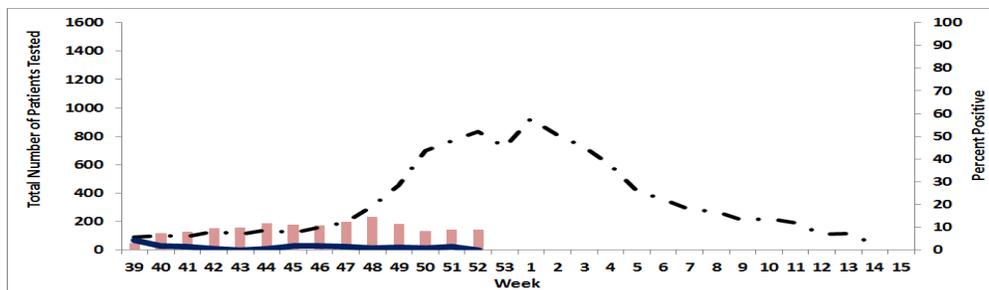
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

Regional Health Command - Atlantic (RHC-A)



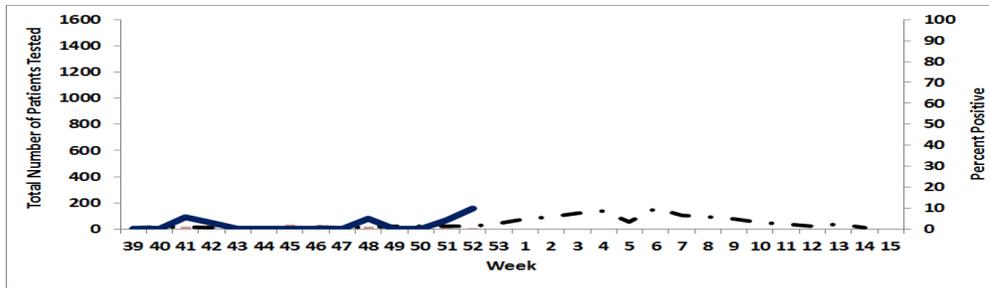
Week 52			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	12
18-29	0	0	1
30-39	1	0	2
40-49	0	0	1
50-59	0	0	1
60+	0	0	2
Total	1	0	19

Regional Health Command - Central (RHC-C)



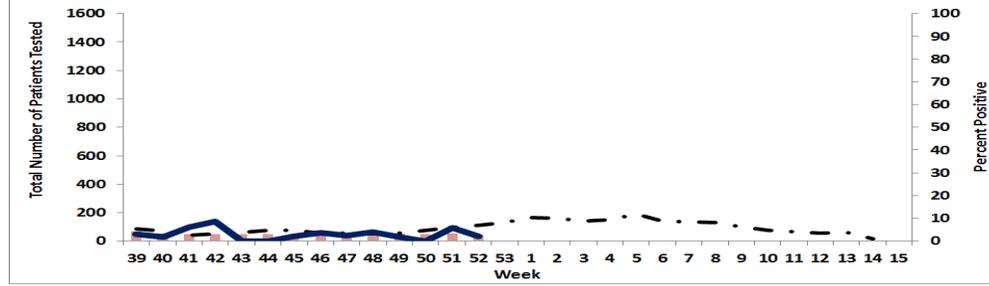
Week 52			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	11
18-29	0	0	7
30-39	0	0	3
40-49	0	0	2
50-59	0	0	1
60+	0	0	0
Total	0	0	24

Regional Health Command - Europe (RHC-E)



Week 52			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	3
18-29	0	1	1
30-39	0	0	1
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	1	5

Regional Health Command - Pacific (RHC-P)



Week 52			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	11
18-29	0	0	5
30-39	0	0	0
40-49	0	0	2
50-59	0	1	2
60+	0	0	1
Total	0	1	21

Number of Positive Influenza A Specimens by Duty Status and Region

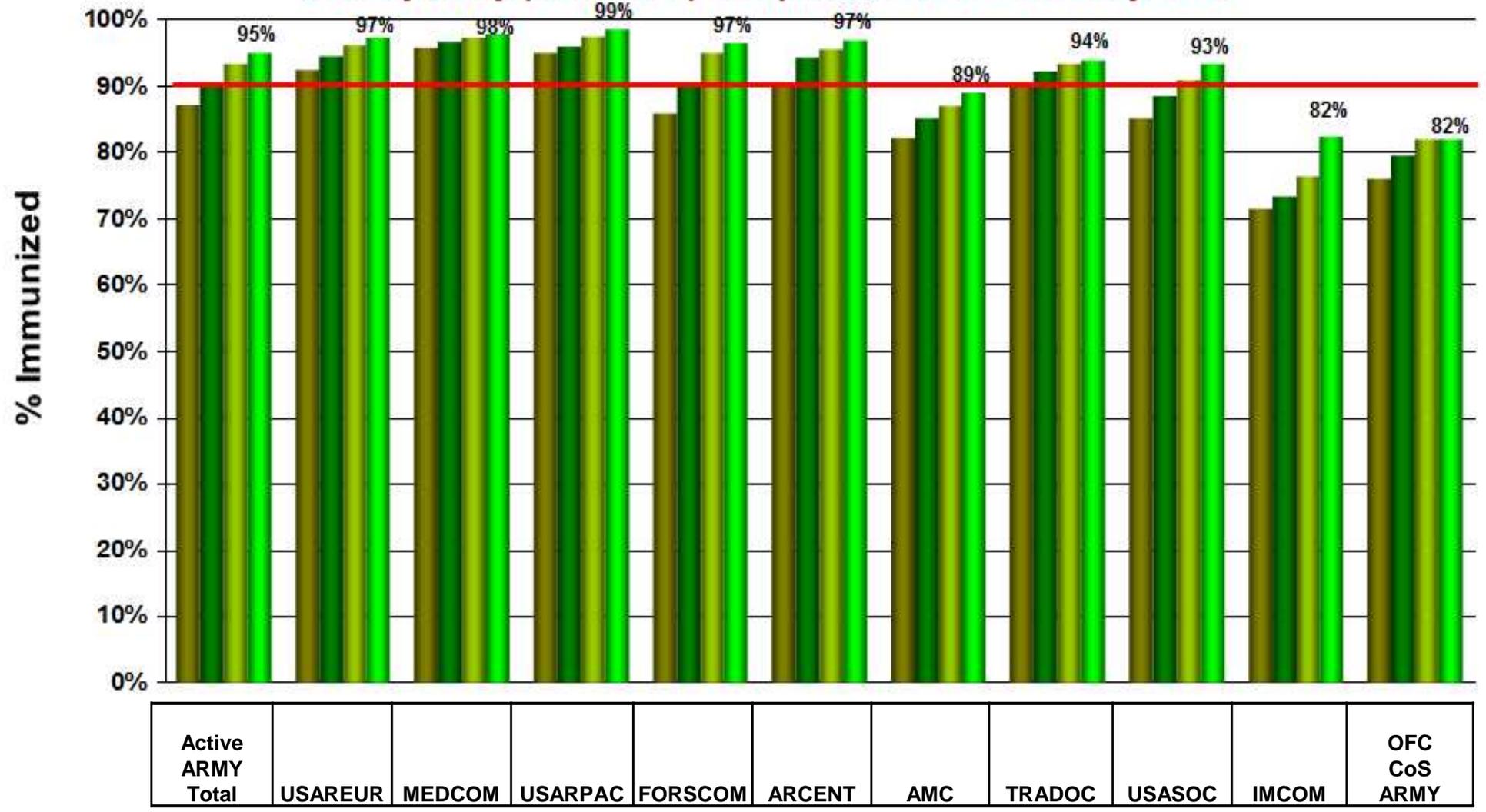
Region	Week 45		Week 46		Week 47		Week 48		Week 49		Week 50		Week 51		Week 52	
	AD	Non-AD														
RHC-A	1	1	1	3	0	1	0	2	0	0	0	2	0	0	1	0
RHC-C	1	2	0	3	0	3	0	2	0	2	1	0	1	1	0	0
RHC-E	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
RHC-P	0	1	0	2	0	1	0	2	0	1	0	0	1	2	0	1
CENTCOM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

Locations providing week 52 laboratory data as of 6 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.



Seasonal Influenza Immunization Status

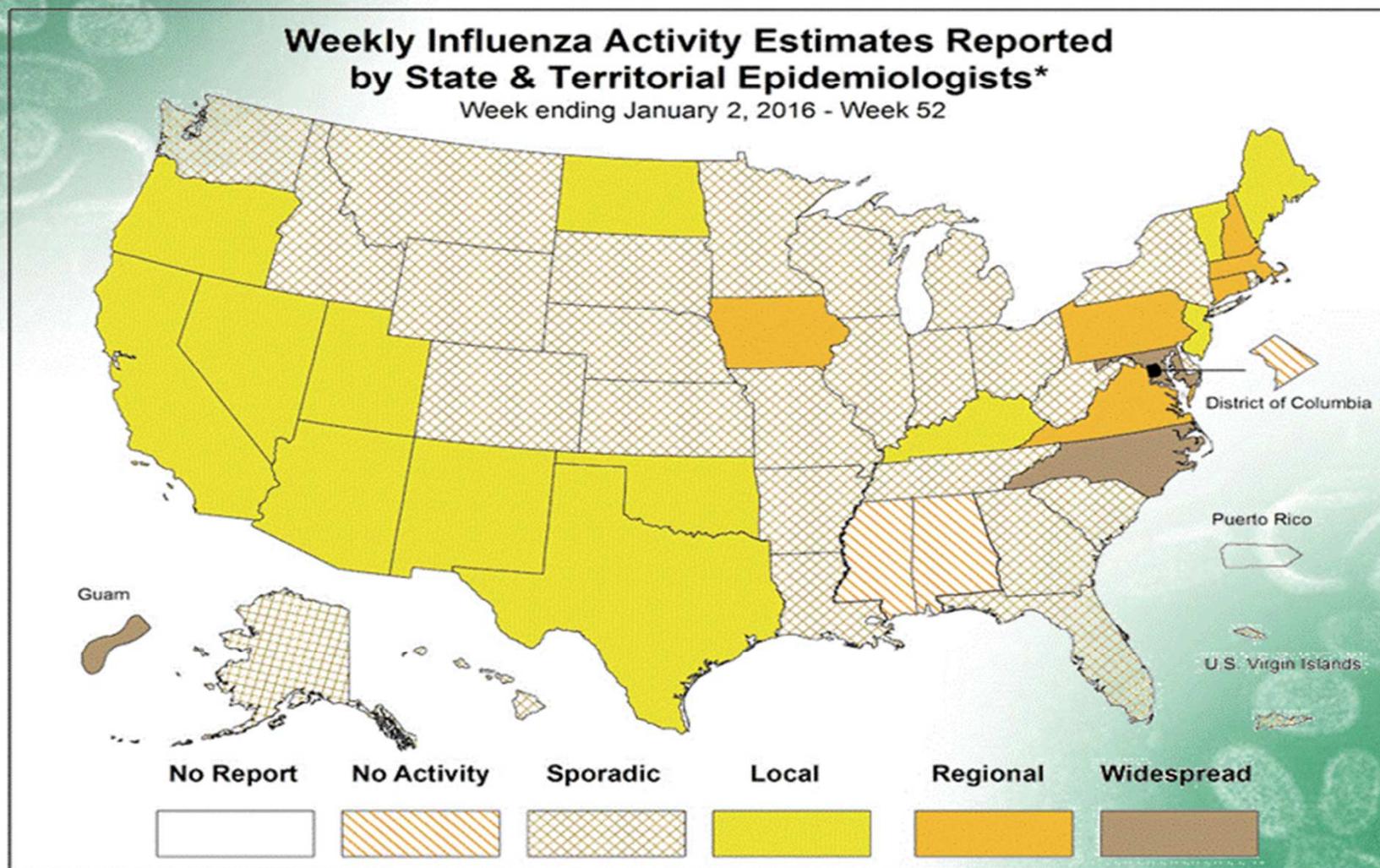
Weekly Army (COMPO 1) compliance as of 8 January 2016



Data Source: MEDPROS
 Previous weeks included for comparison

FLUVIEW

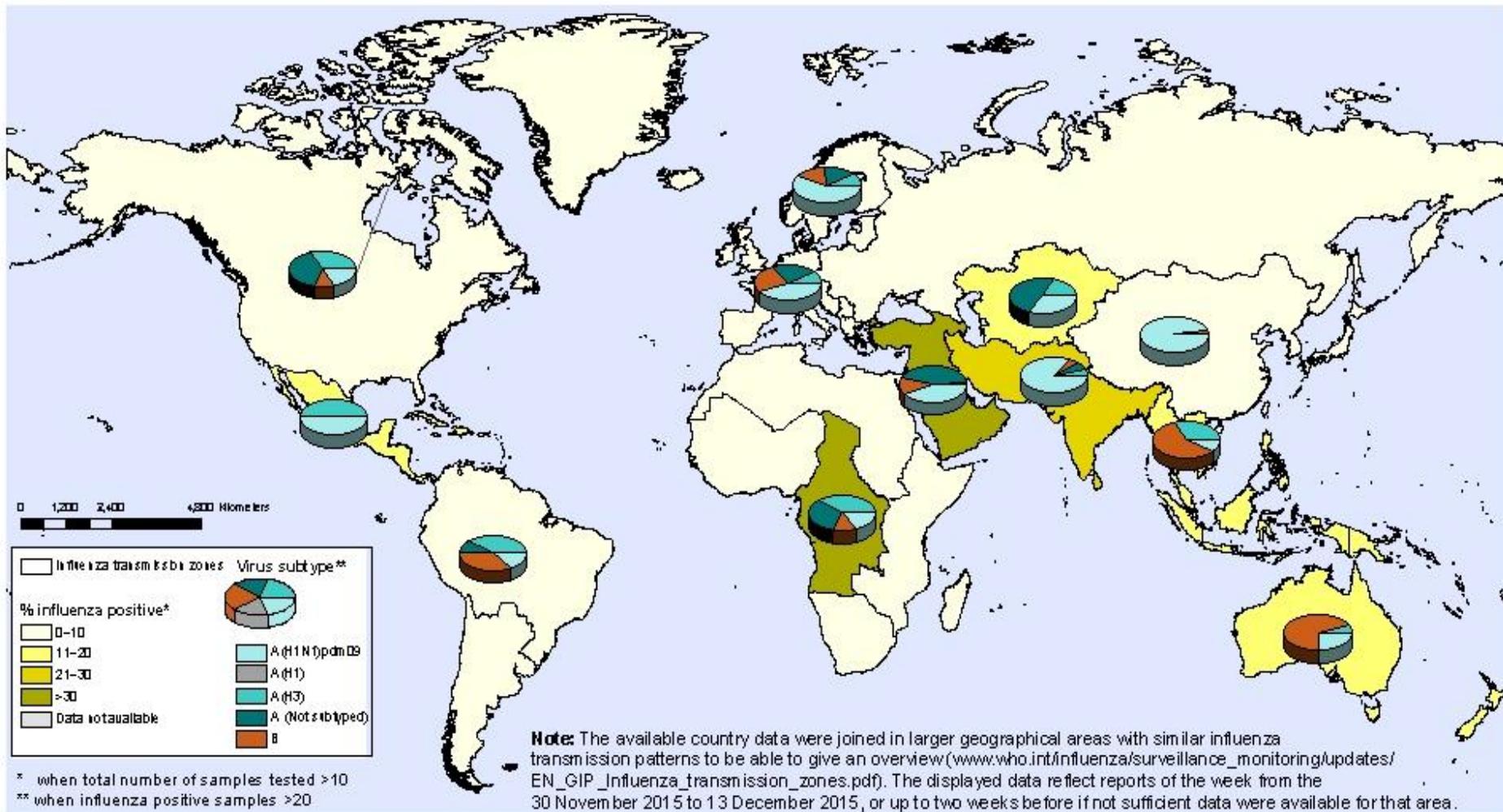
A Weekly Influenza Surveillance Report Prepared by the Influenza Division



* This map indicates geographic spread & does not measure the severity of influenza activity

Percentage of respiratory specimens that tested positive for influenza By influenza transmission zone

Status as of 13 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).



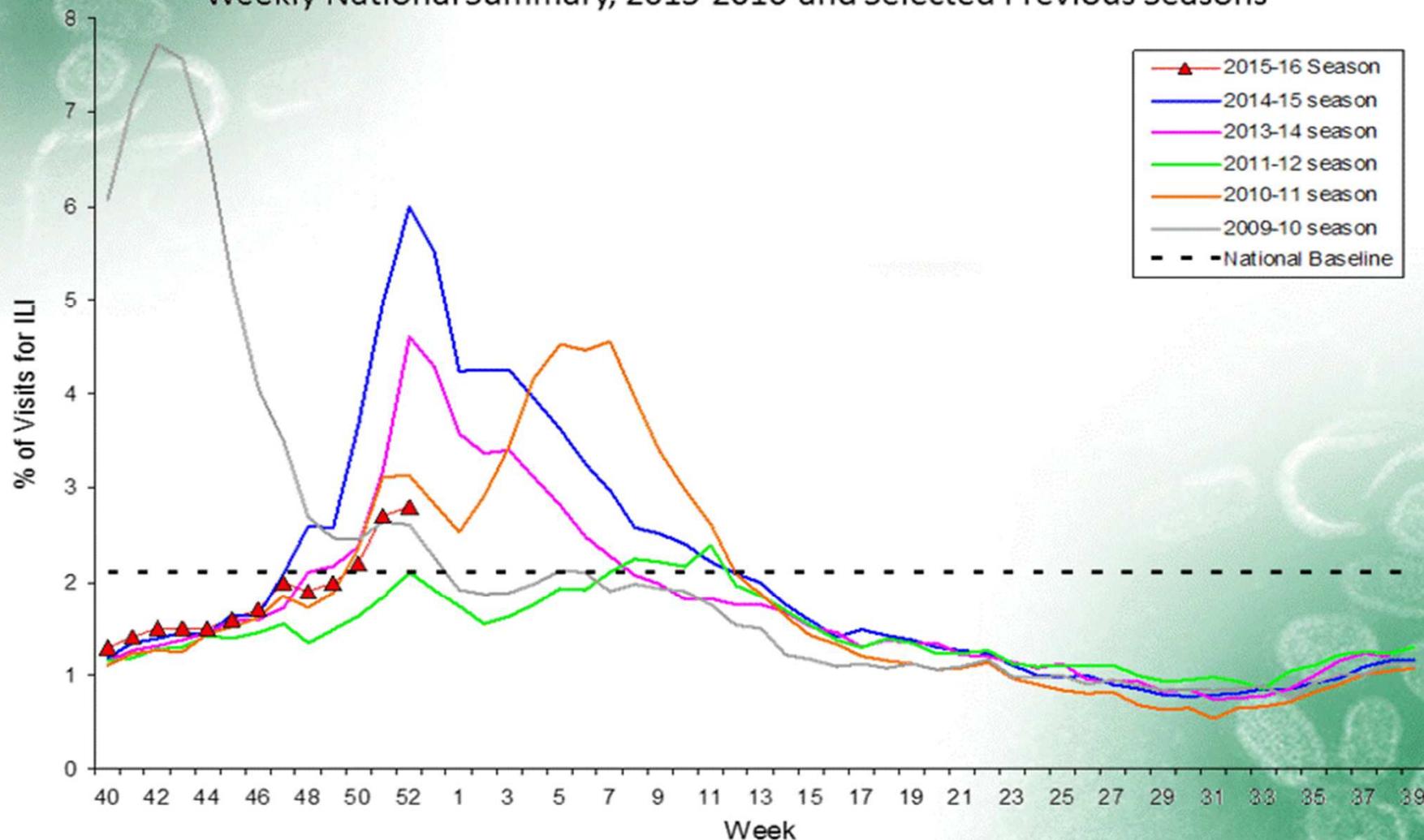
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FLUVIEW



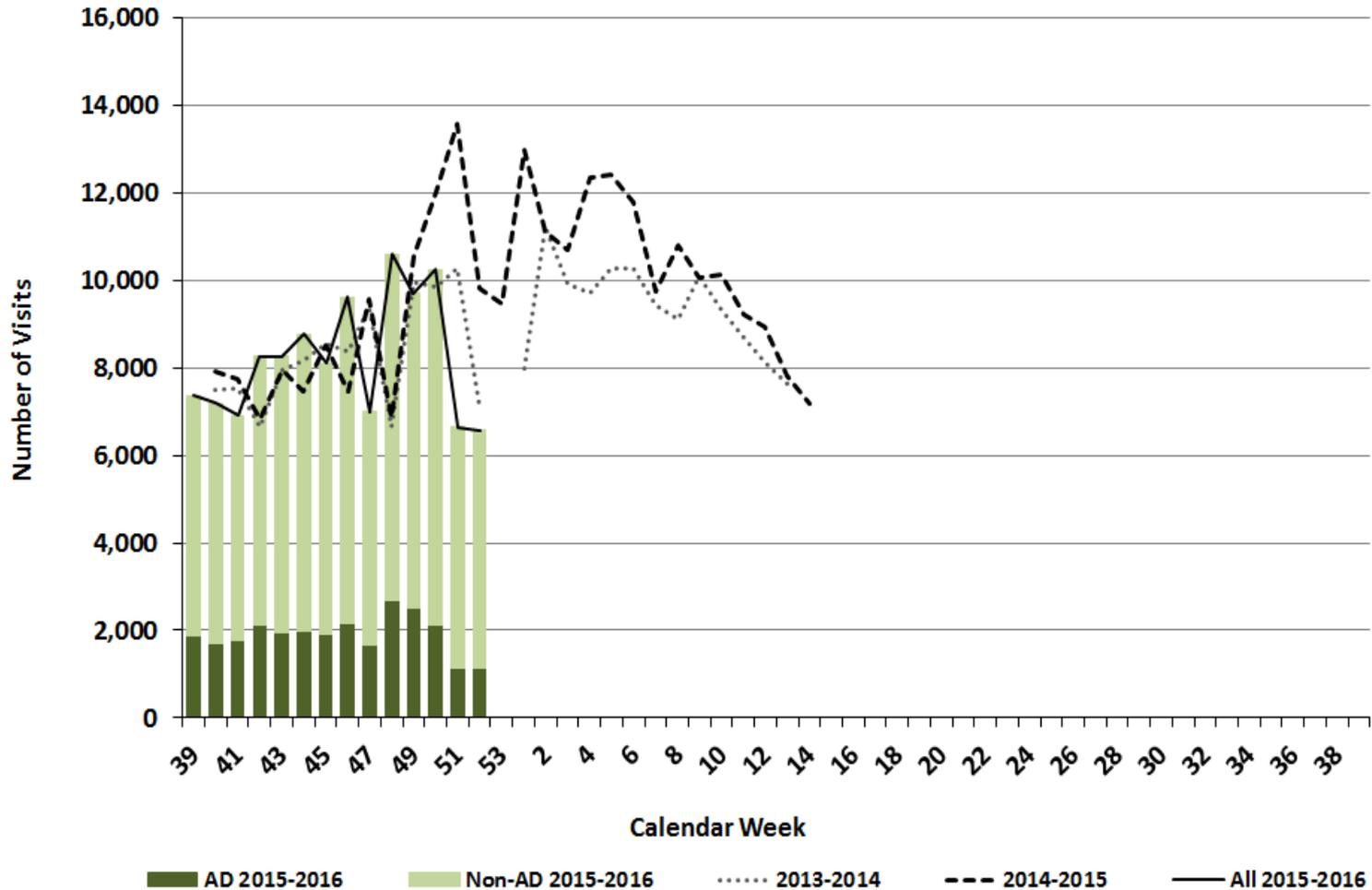
A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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

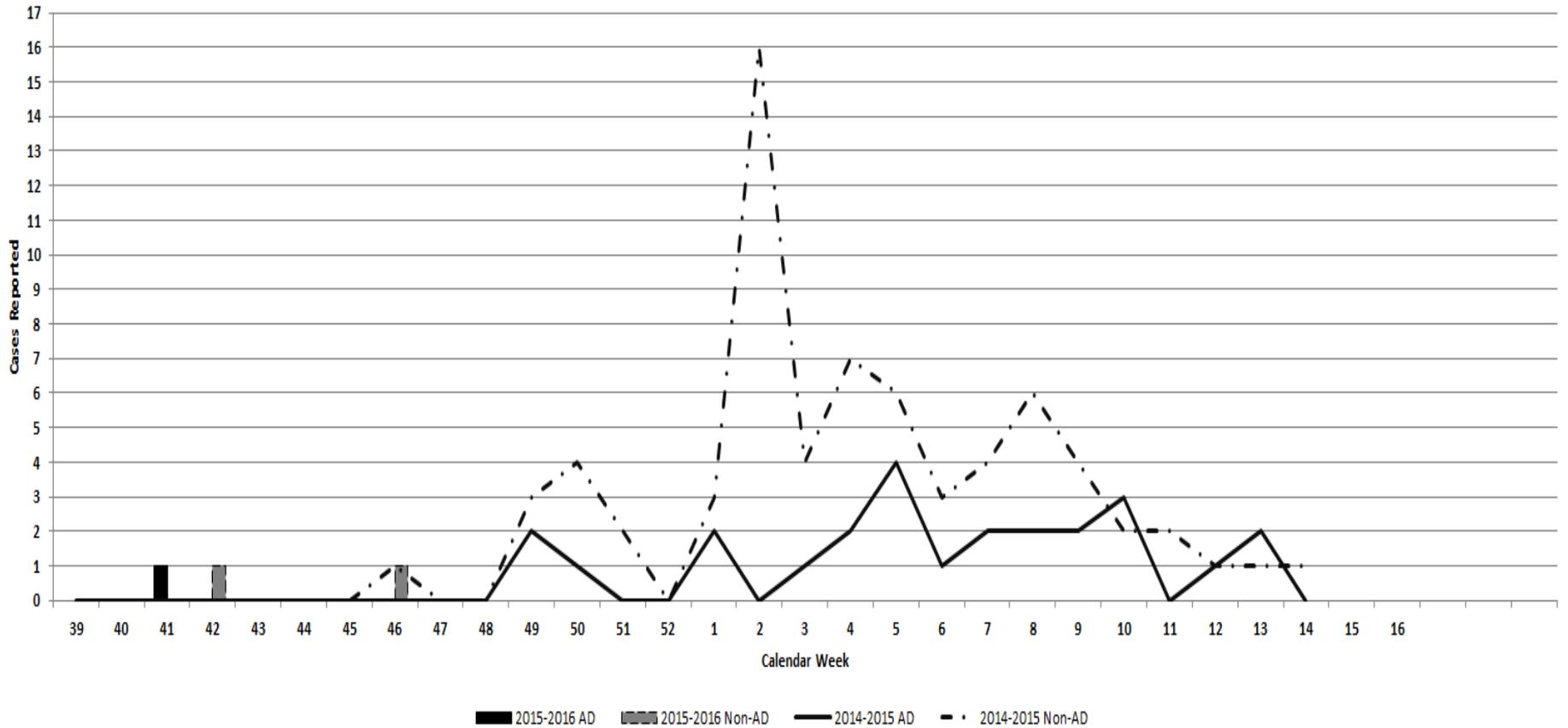


Clinic visits for ILI are obtained from ESSENCE. Data as of 7 January 2016.

Army MTF Laboratory Results, 2015-16

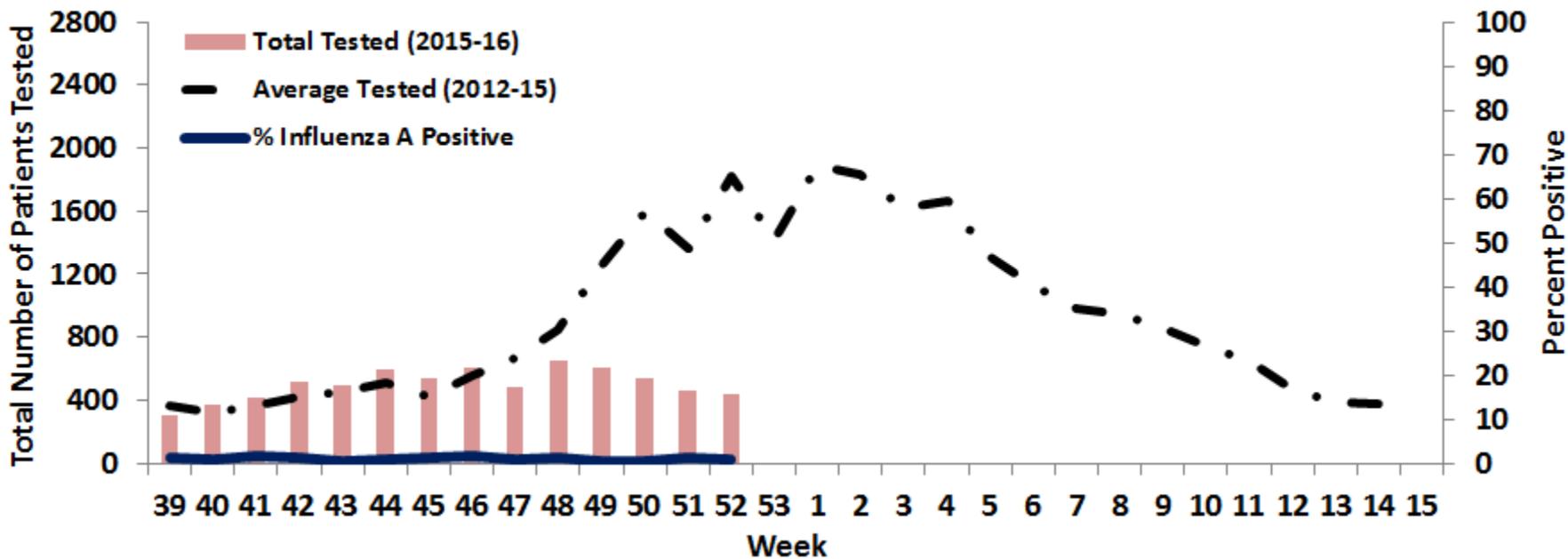
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Total Results	767	721	599	605	8786

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 7 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

