

Click on images
to enlarge.

U.S. Army Influenza Activity Report

Week Ending 24 October 2015 (Week 42)

2015-2016 Seasonal Influenza Vaccination Coverage

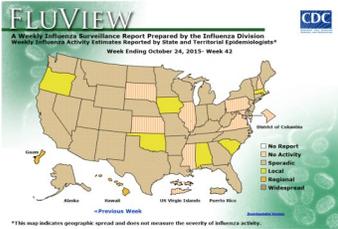
As of 30 October 2015

48%	DOD
47%	Army Active Duty
46%	Army Guard
40%	Army Reserve

SYNOPSIS: RHC-P reported the most influenza A cases (4) during week 42. However, influenza-like illness activity remains low in both Army and civilian populations.

- **ILI Activity:** Army incident ILI outpatient visits in week 42 were 12% higher than the same week last year.
- **Influenza cases:** One hospitalized influenza case was reported to APHC(P) through DRSi in week 42. Two cases have been reported to date this influenza season.
- **Viral specimens:** During week 42, 55 of 599 (9%) laboratory specimens tested positive for respiratory pathogens. RHC-P reported the most influenza A positive specimens (57%), followed by RHC-A, RHC-C, and RHC-E which each reported one positive specimen (14%). WRMC and CENTCOM reported zero positive specimens.

Geographic Spread

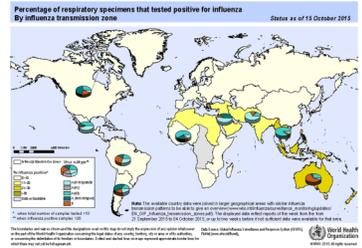


United States

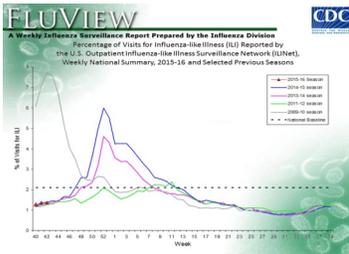
- In week 42, Guam and Hawaii reported regional activity, while 41 states reported local and sporadic activity. No influenza activity was reported by the US Virgin Islands, the District of Columbia and 8 additional states.

World Health Organization

- In the Northern Hemisphere, influenza activity continued at low, inter-seasonal levels with sporadic detections. Increased respiratory syncytial virus (RSV) activity was reported in the United States.

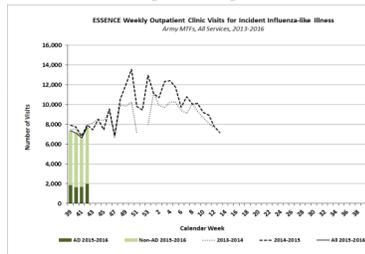


ILI Activity United States



- Nationwide during week 42, 1.3% of outpatient visits reported in ILINet were due to ILI, which is below the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 0.6% to 3.1% across the regions reporting.

ILI Activity Army



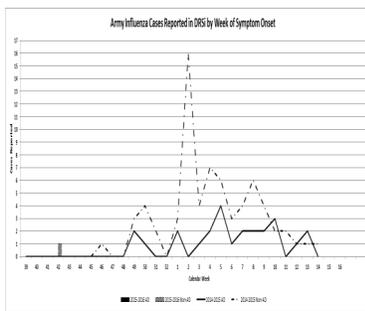
- During week 42, incident ILI activity was 12% higher than the same time last year and 15% higher than week 42 in 2013-2014.
- AD SMs accounted for 26% of incident ILI clinic visits during week 42; in 2014-2015, AD SMs comprised 27% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2015-16					Season
Test Result	Week 39	Week 40	Week 41	Week 42	Total
Influenza A	4	3	7	7	21
Influenza B	2	0	4	2	8
Adenovirus	6	2	5	4	17
Enterovirus	0	3	0	0	3
Parainfluenza	10	16	12	13	51
RSV	30	29	19	29	107
Negative	330	410	458	544	1742
Total Results	382	463	505	599	1949

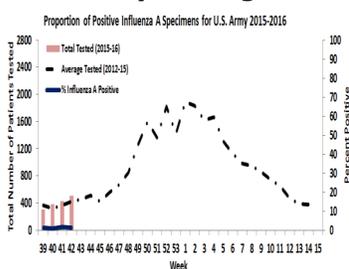
- In week 42, 9% (55) of specimens tested positive.
- Influenza A accounted for 13% of positive specimens.
- RSV accounted for 53% of positive specimens, parainfluenza for 24%, and adenovirus for 7%.
- Influenza B accounted for 4% of positive specimens.

DRSi Influenza Case Reporting



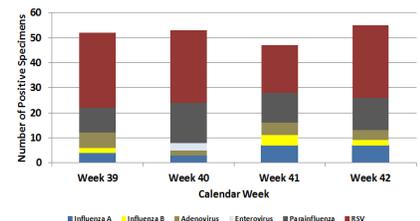
- In week 42, one case of influenza-associated hospitalization was reported in DRSi in a non-AD individual who was vaccinated but had an underlying medical condition.
- At the same time last influenza season, no hospitalized influenza cases were reported. A total of 2 hospitalized cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week 42, 7 of 505 (1.4%) specimens tested positive for influenza A. This was a decrease from week 41 (1.7%). 6 (86%) of the positive influenza A specimens were reported in non-AD personnel.
- RHC-P reported 4 (57%) of the total influenza A –positive specimens. RHC-A, RHC-C, and RHC-E each reported 1 (14%) positive influenza A specimen. CENTCOM and WRMC reported zero positive 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

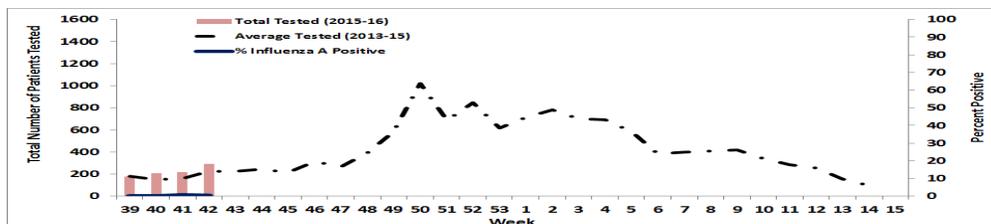
Questions?

Email USAPHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

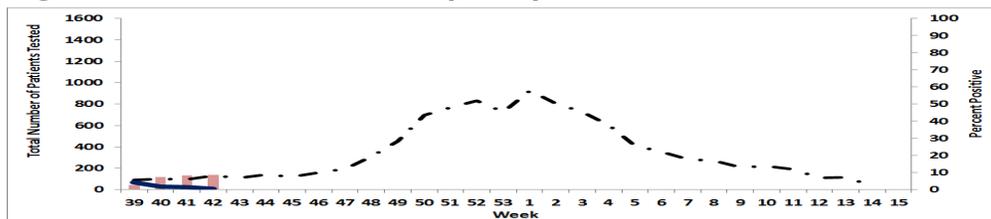
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

Regional Health Command - Atlantic (RHC-A)



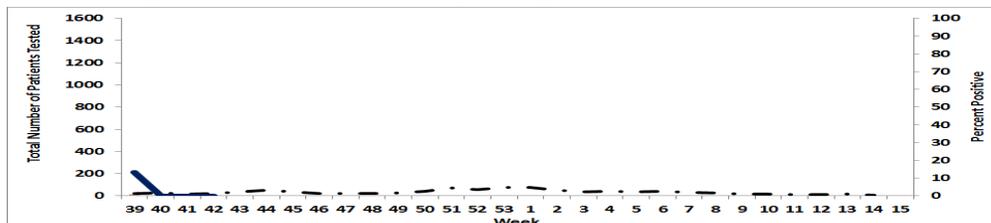
Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	0
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	1	1
Total	0	1	2

Regional Health Command - Central (RHC-C)



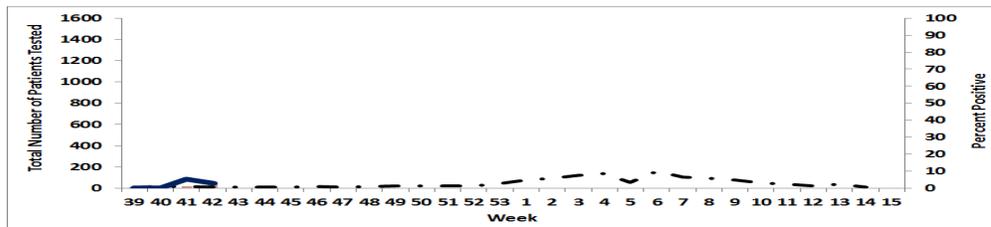
Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	1	3
18-29	0	0	3
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	0	0
Total	0	1	7

Western Regional Medical Command (WRMC)



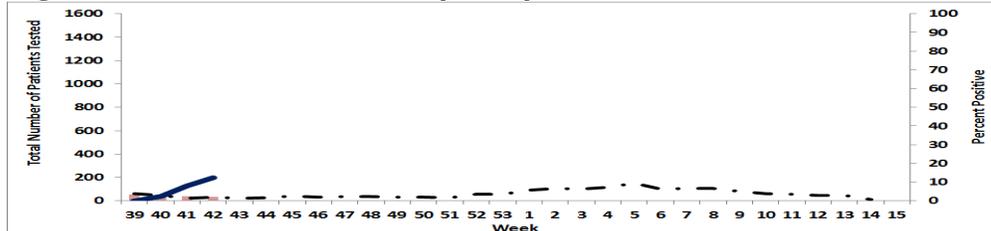
Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	0
60+	0	0	0
Total	0	0	2

Regional Health Command - Europe (RHC-E)



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

Regional Health Command - Pacific (RHC-P)



Week 42			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	5
18-29	1	0	2
30-39	0	0	0
40-49	0	0	0
50-59	0	0	1
60+	0	0	0
Total	1	3	8

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 39		Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46	
	AD	Non-AD														
RHC-A	0	0	0	0	0	1	0	1								
RHC-C	2	0	1	1	0	2	0	1								
WRMC	0	2	0	0	0	0	0	0								
RHC-E	0	0	0	0	0	1	0	1								
RHC-P	0	0	0	1	0	3	1	3								
CENTCOM	0	0	0	0	0	0	0	0								

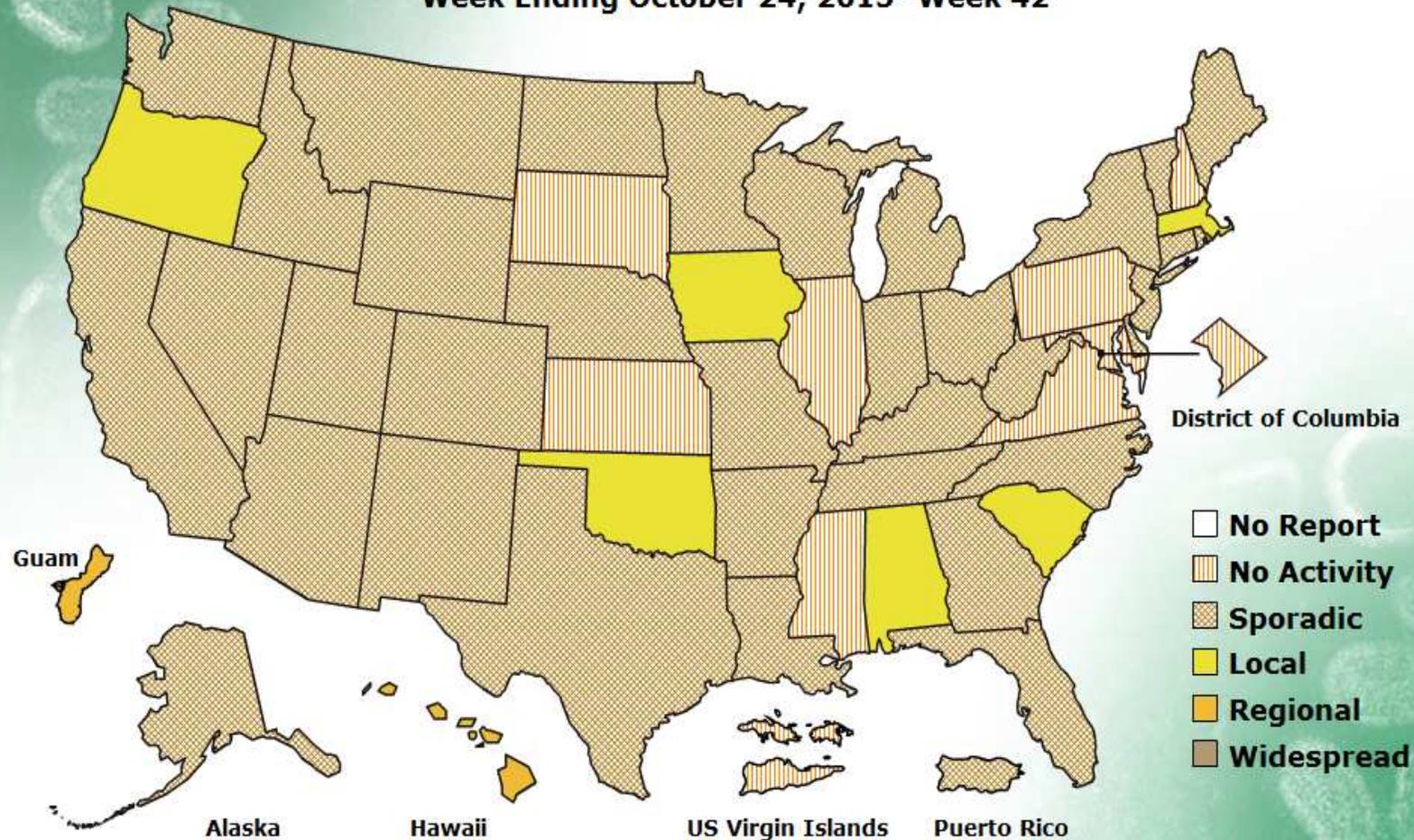
Locations providing week 42 laboratory data as of 29 October 2015: Korea, Ft Belvoir (NCR), Ft Benning, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Huachuca, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, 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 October 24, 2015- Week 42



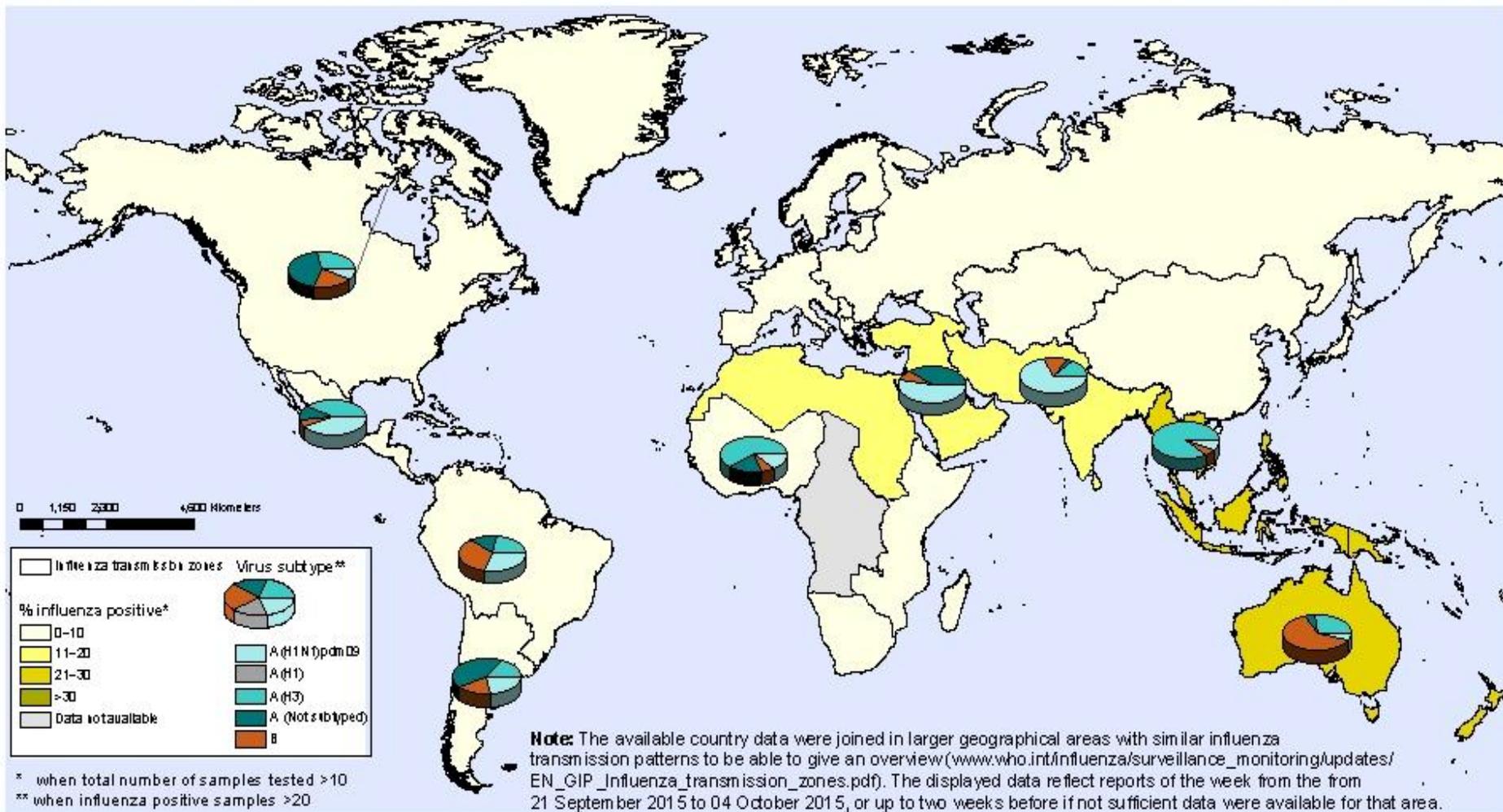
[«Previous Week](#)

[Downloadable Version](#)

*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 15 October 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.

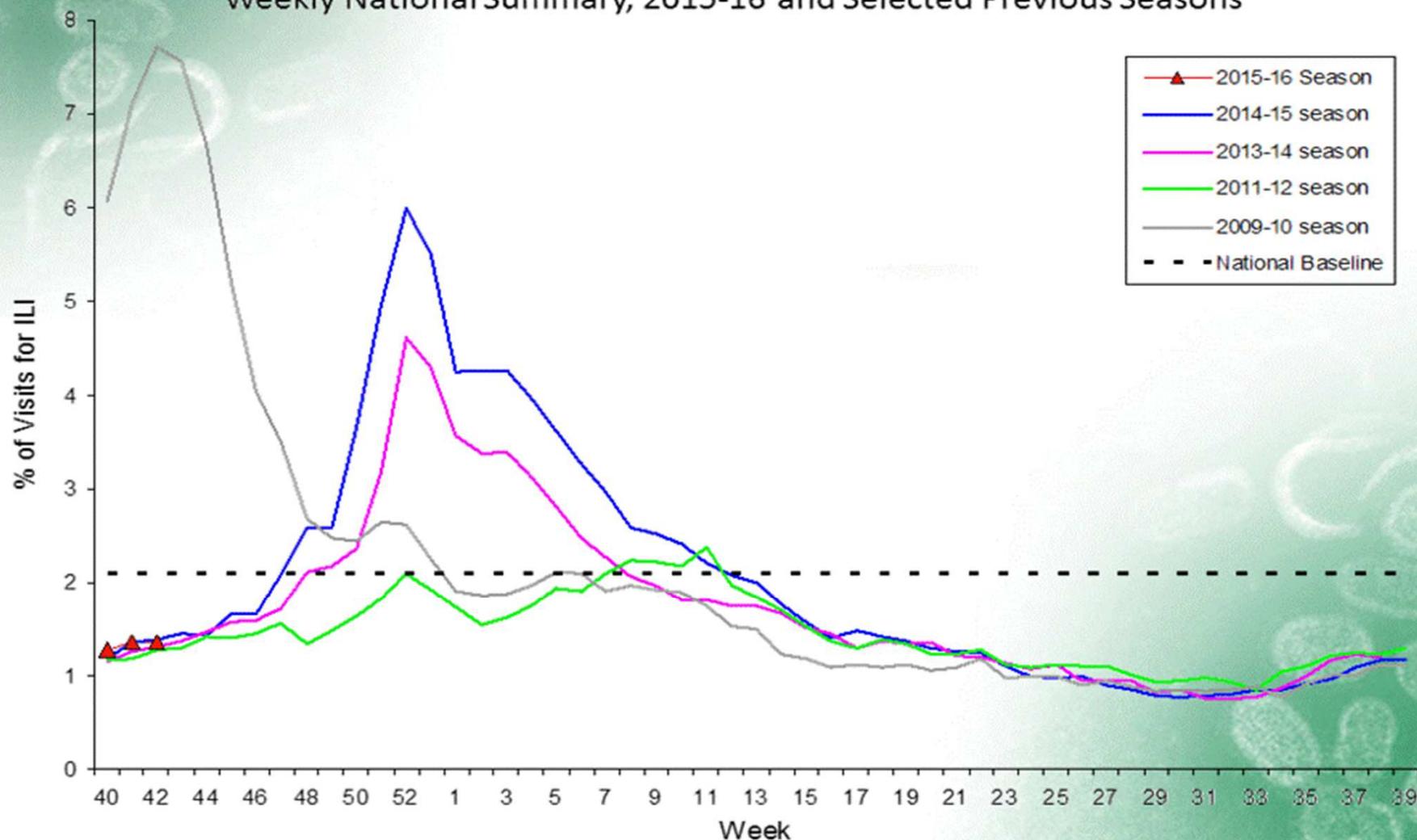
Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet (www.who.int/fluinet).

FLUVIEW



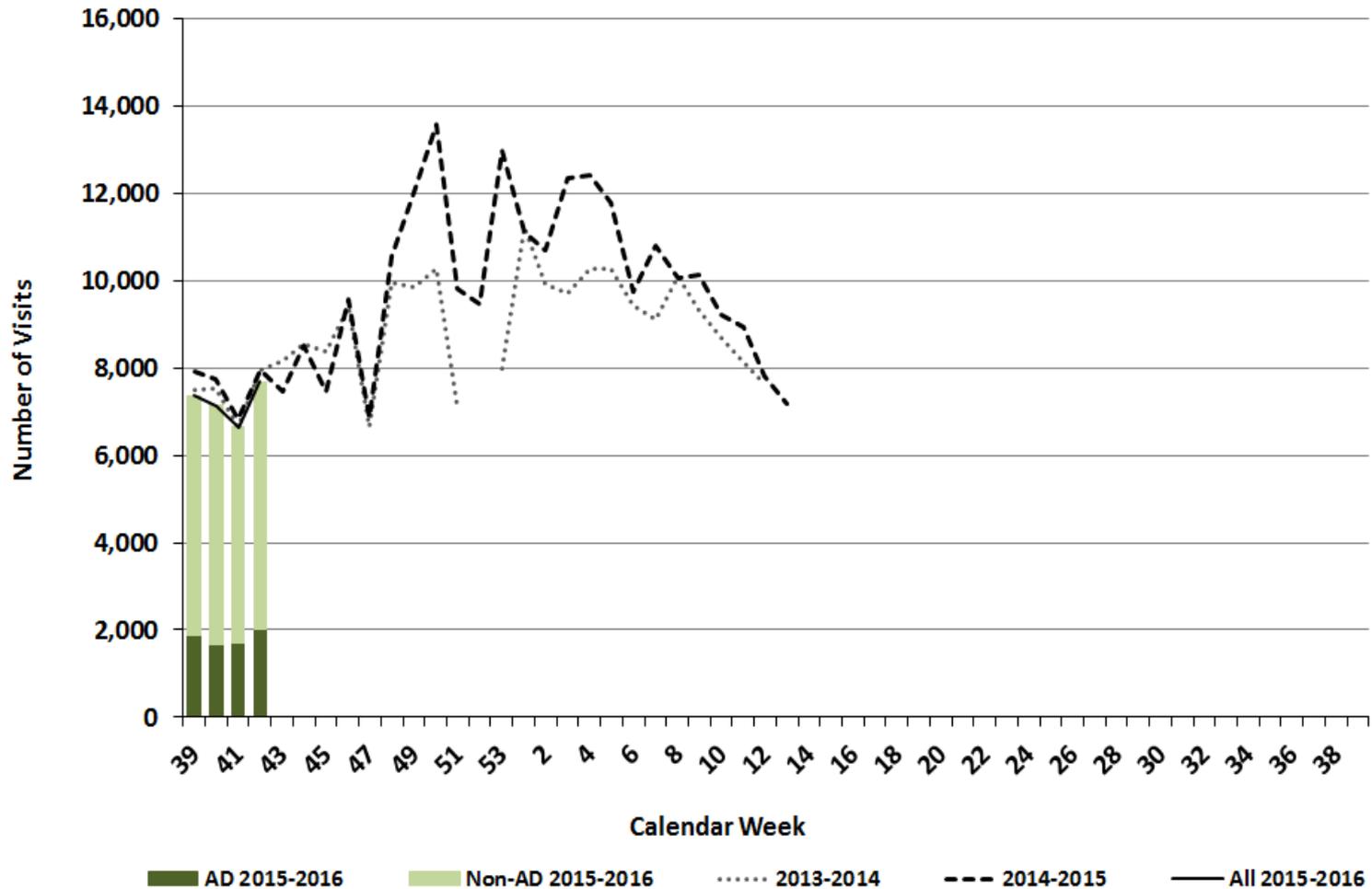
A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2015-16 and Selected Previous Seasons



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2013-2016

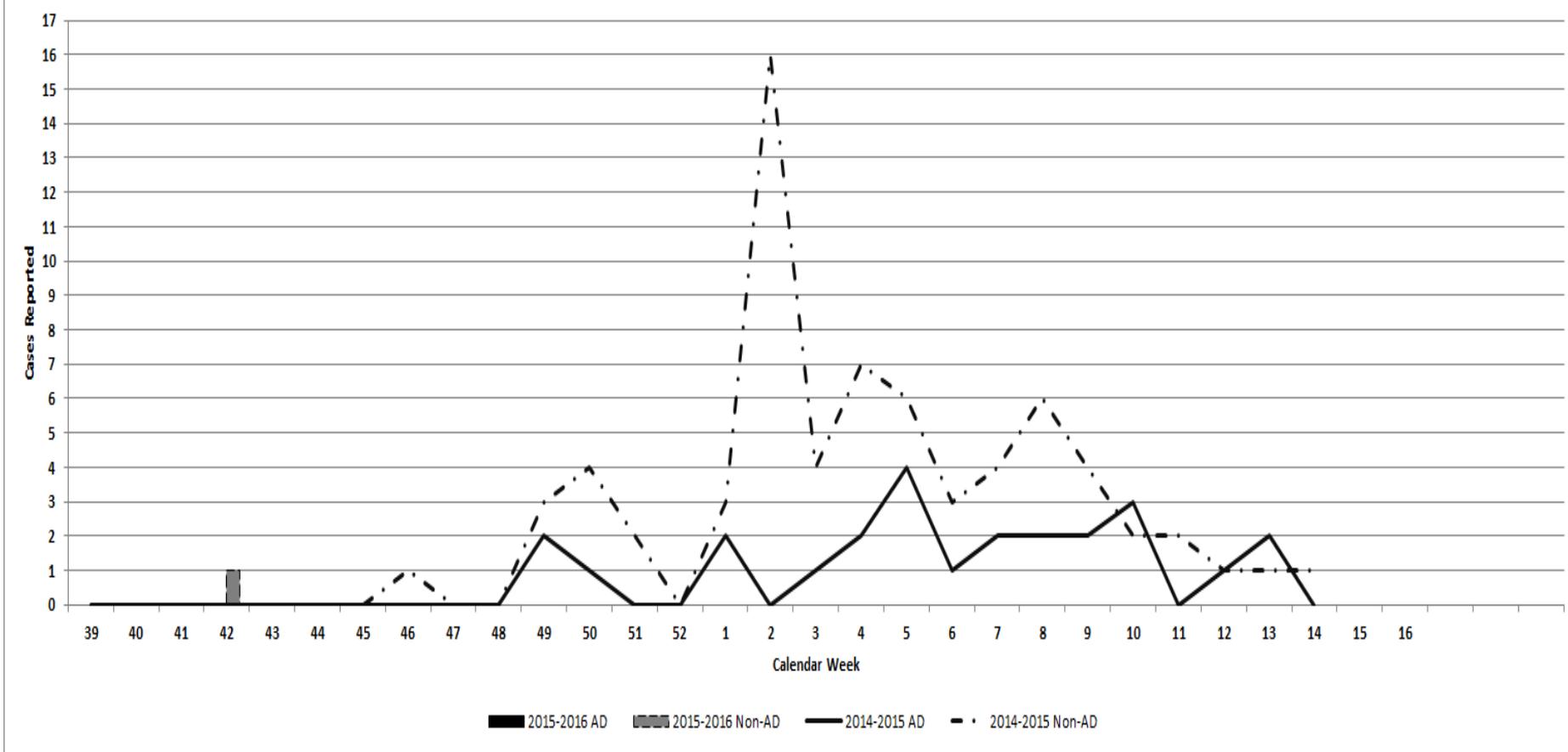


Clinic visits for ILI are obtained from ESSENCE. Data as of 29 October 2015.

Army MTF Laboratory Results, 2015-16

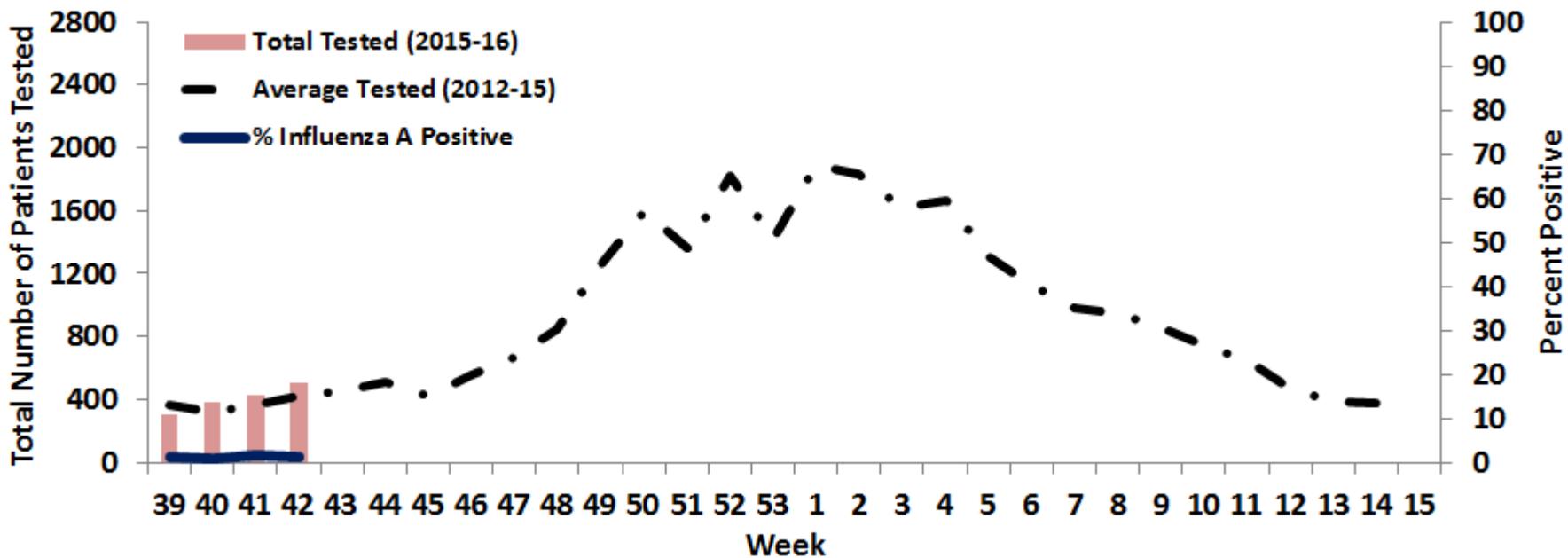
Test Result	Week 39	Week 40	Week 41	Week 42	Season Total
Influenza A	4	3	7	7	21
Influenza B	2	0	4	2	8
Adenovirus	6	2	5	4	17
Enterovirus	0	3	0	0	3
Parainfluenza	10	16	12	13	51
RSV	30	29	19	29	107
<i>Negative</i>	<i>330</i>	<i>410</i>	<i>458</i>	<i>544</i>	1742
Total Results	382	463	505	599	1949

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 29 October 2015.

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

