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U.S. Army Influenza Activity Report

Week Ending 26 November 2016 (Week 47)

2016-2017 Seasonal Influenza Vaccination Coverage

As of 1 December 2016

73%	DoD
90%	Army Active Duty
78%	Army Guard
70%	Army Reserve

Data Source: MEDPROS, ASIMS, MRRS

SYNOPSIS: Respiratory syncytial virus (RSV) continues to be the most reported positive laboratory specimen among MTFs.

- **ILI Activity:** Army incident ILI outpatient visits in week 47 were 2% lower than the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to APHC through DRSi in week 47. At this same time during the last influenza season, three influenza-associated hospitalizations were reported.
- **Viral specimens:** During week 47, 82 of 641 (13%) laboratory specimens tested positive for respiratory pathogens. RHC-P reported most (44%) of the influenza A-positive specimens, followed by RHC-A and RHC-C (both 33%). RHC-E and CENTCOM did not report any positive specimens.

Geographic Spread

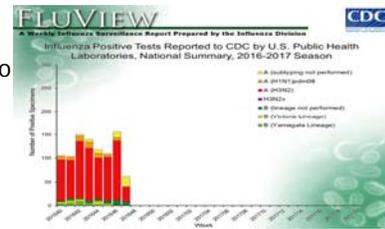


United States

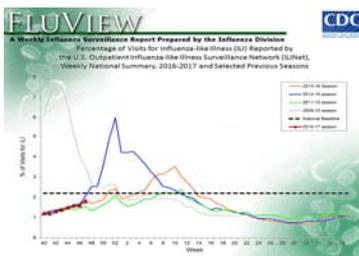
- In week 47, regional activity was reported by Guam, Virgin Islands, and NC. Local activity was reported in AL, CT, GA, ID, LA, ME, MA, NV, NH, OR, and WA. Washington DC and 36 states reported sporadic activity. No activity was reported by RI.

CDC Virologic Surveillance

- During week 47, 87.1% (54) of specimens collected from civilian labs tested positive for Influenza A. A(H3) accounted for 31 of the 54 samples, two were A (H1N1)pdm09 and 21 were not subtyped.



ILI Activity United States

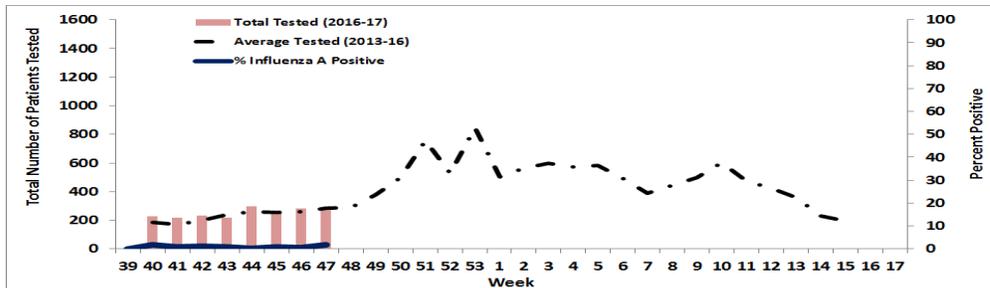




U.S. Army Influenza Activity Report

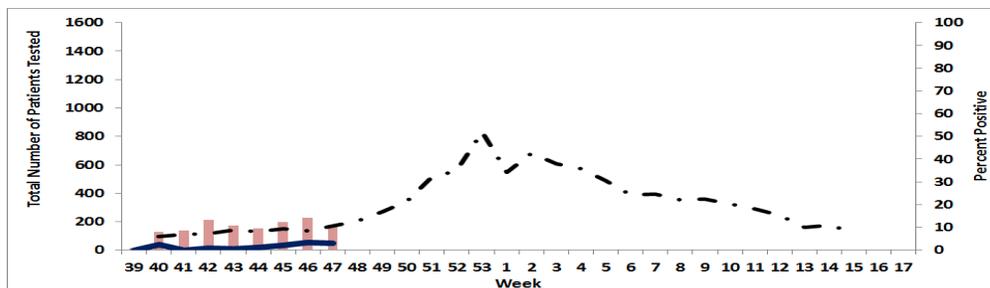
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2016-2017 as Compared to 2013-2016

Regional Health Command - Atlantic (RHC-A)



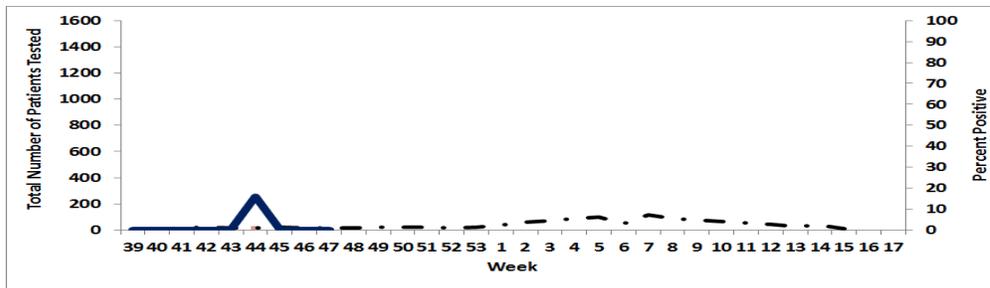
Week 47			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	9
18-29	1	0	5
30-39	0	0	0
40-49	0	0	1
50-59	0	1	3
60+	0	1	3
Total	1	4	21

Regional Health Command - Central (RHC-C)



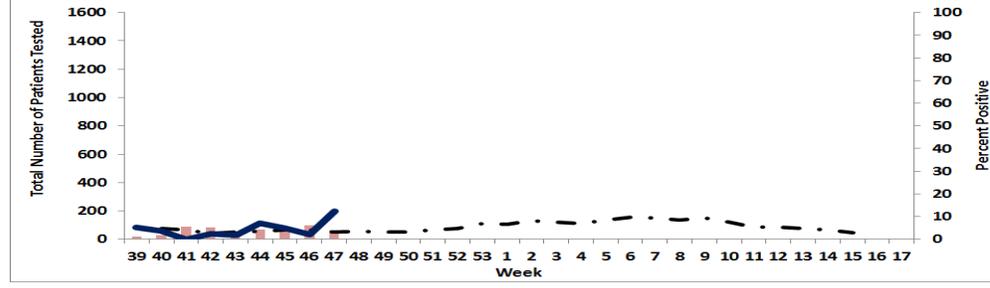
Week 47			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	11
18-29	0	0	3
30-39	0	1	2
40-49	0	0	1
50-59	0	0	5
60+	0	1	3
Total	0	5	25

Regional Health Command - Europe (RHC-E)



Week 47			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	0	0
18-29	0	0	3
30-39	0	0	0
40-49	0	0	1
50-59	0	0	0
60+	0	0	1
Total	0	0	5

Regional Health Command - Pacific (RHC-P)



Week 47			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	2	8
18-29	0	1	2
30-39	0	2	4
40-49	0	0	0
50-59	0	1	5
60+	0	2	4
Total	0	8	23

Number of Positive Influenza A Specimens by Duty Status and Region

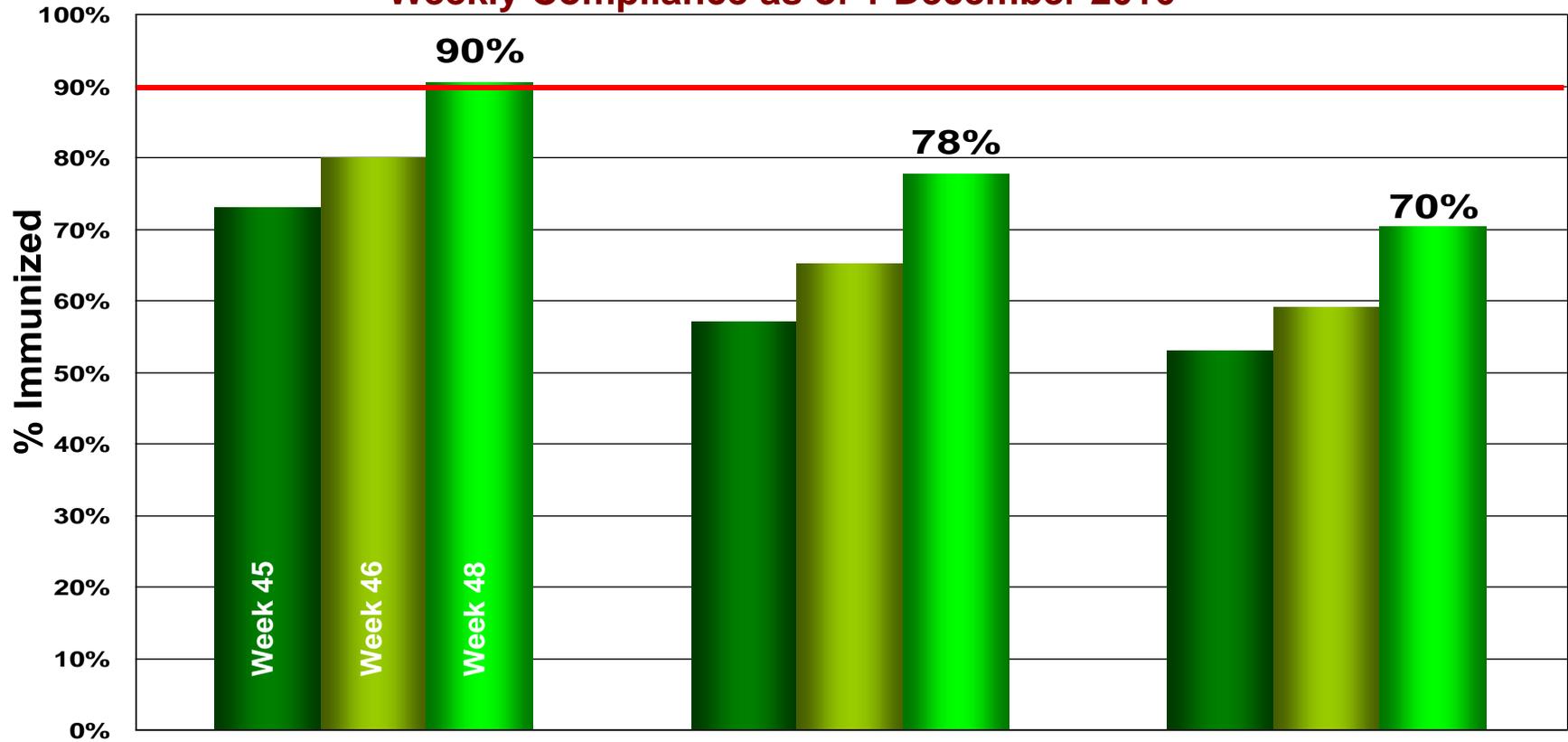
Region	Week 40		Week 41		Week 42		Week 43		Week 44		Week 45		Week 46		Week 47	
	AD	Non-AD														
RHC-A	1	3	1	1	1	2	1	1	0	1	0	2	0	2	1	4
RHC-C	1	2	0	0	0	2	1	0	1	1	0	4	0	8	0	5
RHC-E	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0
RHC-P	0	1	0	0	1	1	0	1	0	5	0	3	0	2	0	8
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Locations providing week 47 laboratory data as of 30 November 2016: 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.



Seasonal Influenza Immunization Status

Weekly Compliance as of 1 December 2016



	Active Army (COMPO 1)	National Guard (COMPO 2)	Reserve (COMPO 3)
# Eligible*	465,552	330,735	183,974
# Immunized	421,072	256,798	129,145
# Non-Immunized	44,480	73,937	54,829

Data Source: MEDPROS

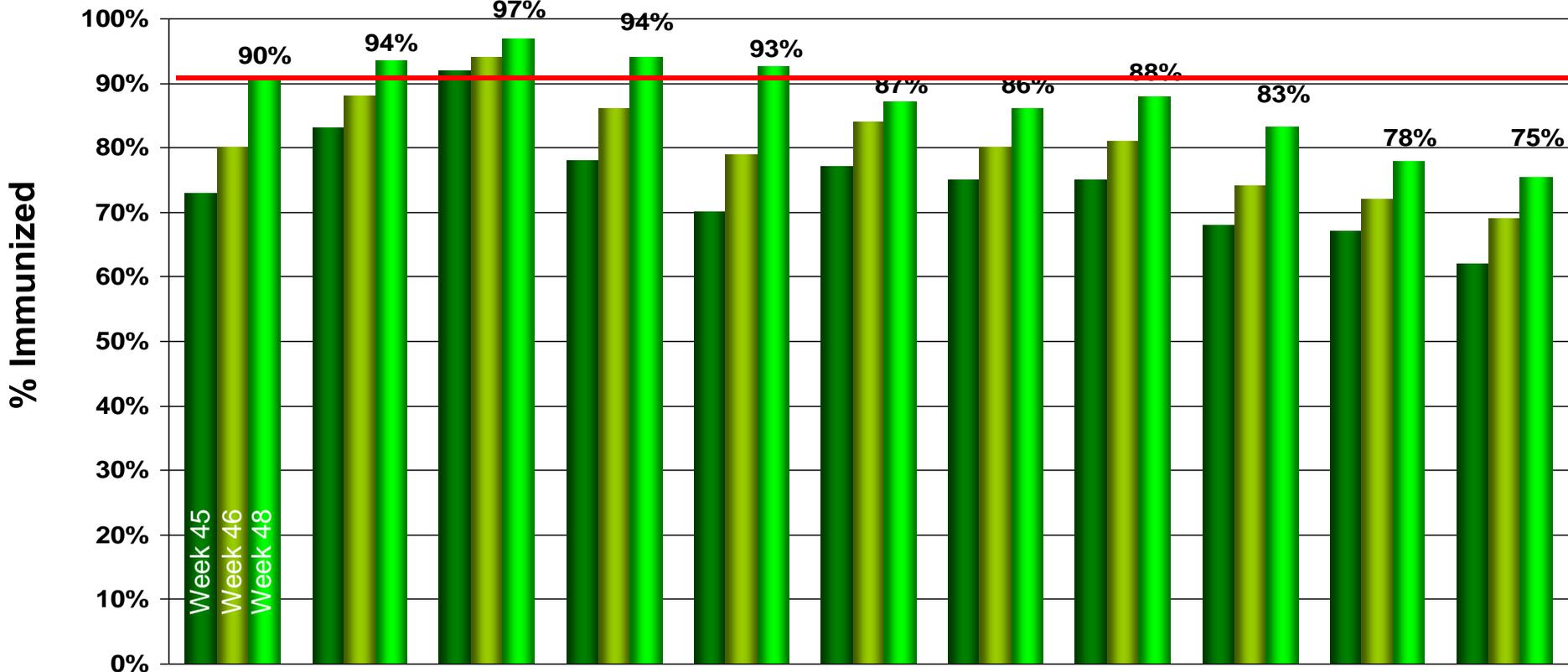
*Eligible = Assigned - Exempt

Previous weeks included for comparison



Seasonal Influenza Immunization Status

Weekly Army (COMPO 1) compliance as of 1 December 2016



	Active ARMY Total	USAREUR	MEDCOM	USARPAC	FORSCOM	ARGENT	AMC	TRADOC	USASOC	IMCOM	HQ, US ARMY
# Eligible*	465,552	18,617	28,664	43,753	215,513	1,839	2,618	75,221	29,488	3,871	3,611
# Immunized	421,072	17,412	27,758	41,164	199,467	1,602	2,251	66,080	24,531	3,012	2,719
# Non-Immunized	44,480	1,205	906	2,589	16,046	237	367	9,141	4,957	859	892

Data Source: MEDPROS

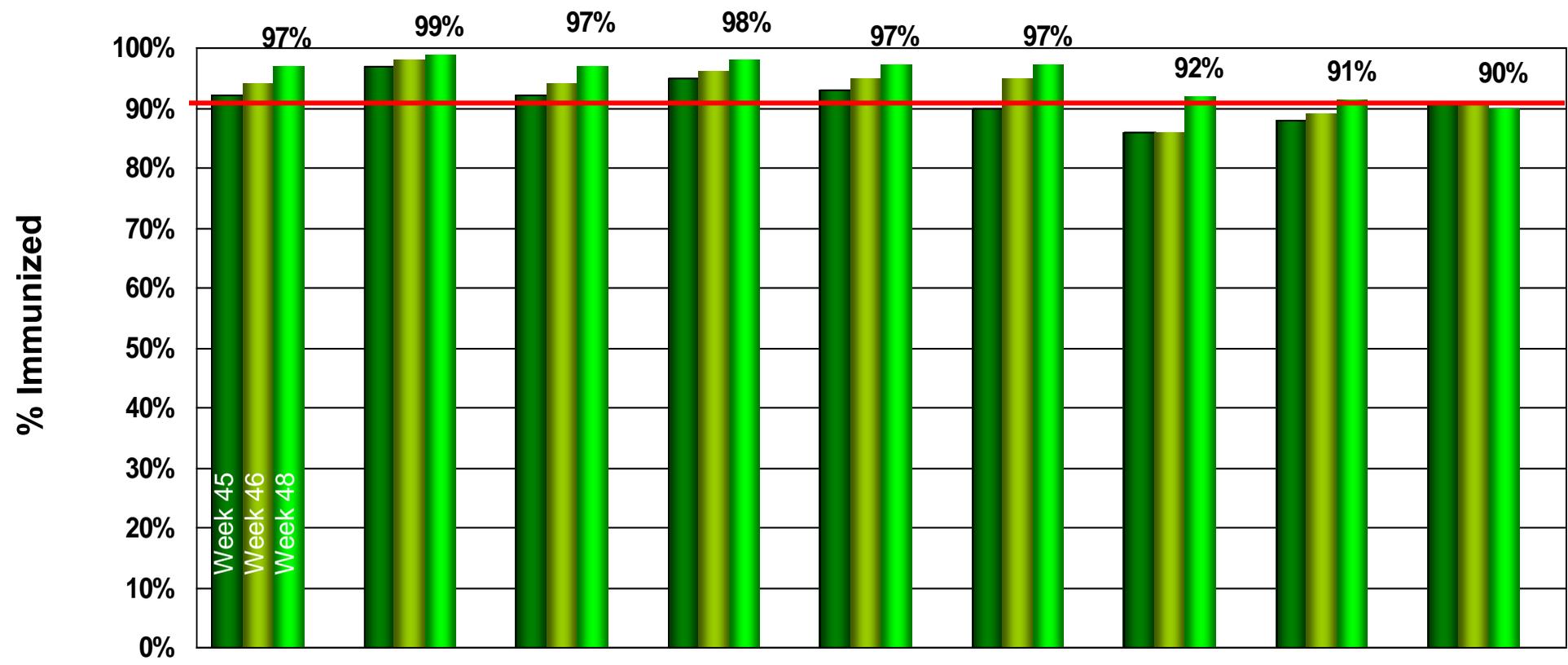
*Eligible = Assigned – Exempt

Previous two weeks included for comparison



Seasonal Influenza Immunization Status

MEDCOM (COMPO 1) compliance as of 1 December 2016

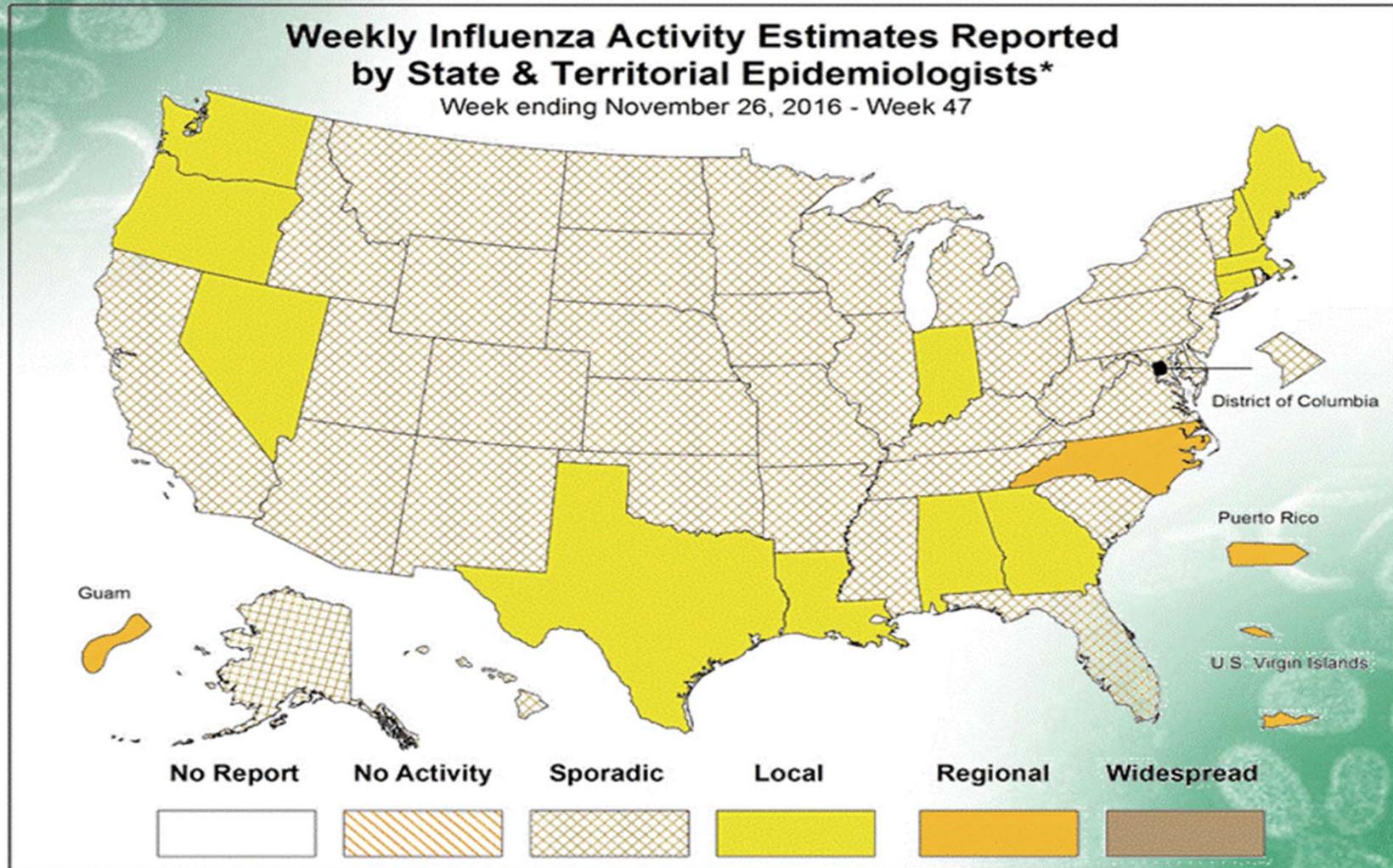


	MEDCOM Total	RHC-E	RHC-P	RHC-C	RHC-A	MRMC	AMEDD C&S	OneStaff**	DHA NCR Army Personnel
# Eligible*	28,664	1,832	4,476	6,985	6,282	1,039	4,315	505	800
# Immunized	27,758	1,816	4,334	6,839	6,103	1,009	3,958	462	721
# Non-Immunized	906	16	142	146	179	30	357	43	79

Data Source: MEDPROS
 *Eligible = Assigned – Exempt
 **Includes MEDCOM North & South
 Previous two weeks included for comparison

FLUVIEW

A Weekly Influenza Surveillance Report Prepared by the Influenza Division



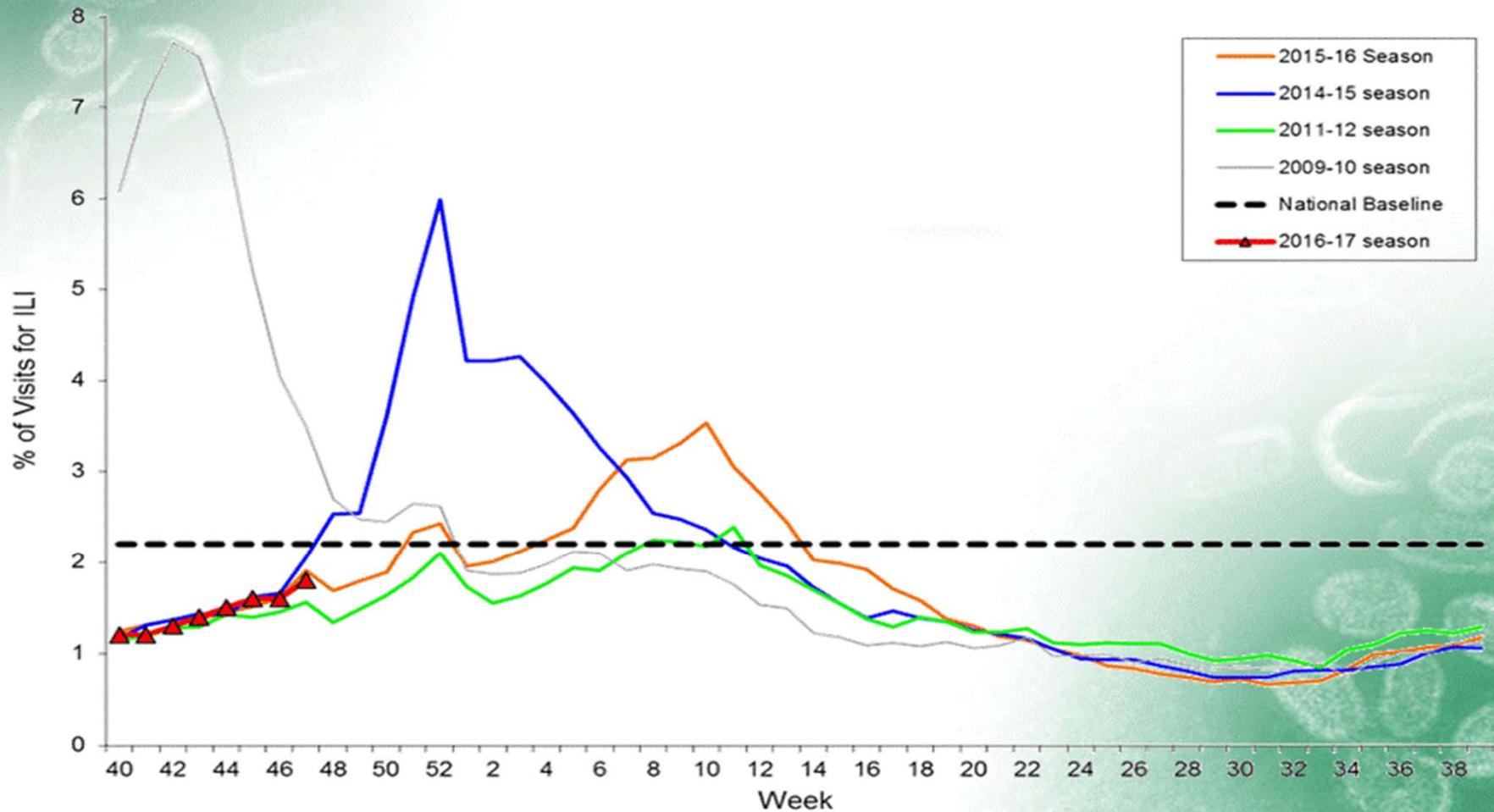
* This map indicates geographic spread & does not measure the severity of influenza activity

FLUVIEW

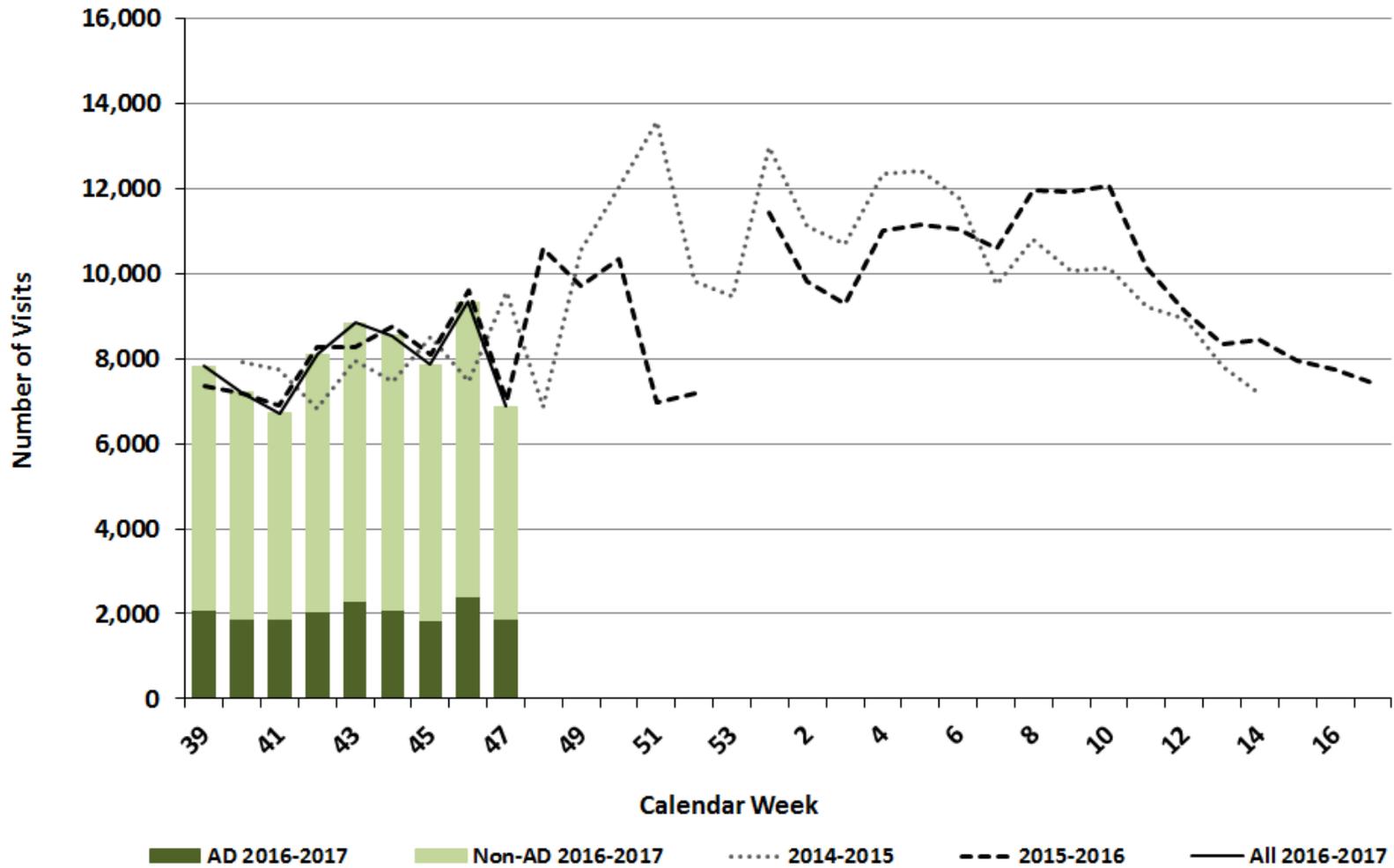


A Weekly Influenza Surveillance Report Prepared by the Influenza Division

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2016-2017 and Selected Previous Seasons



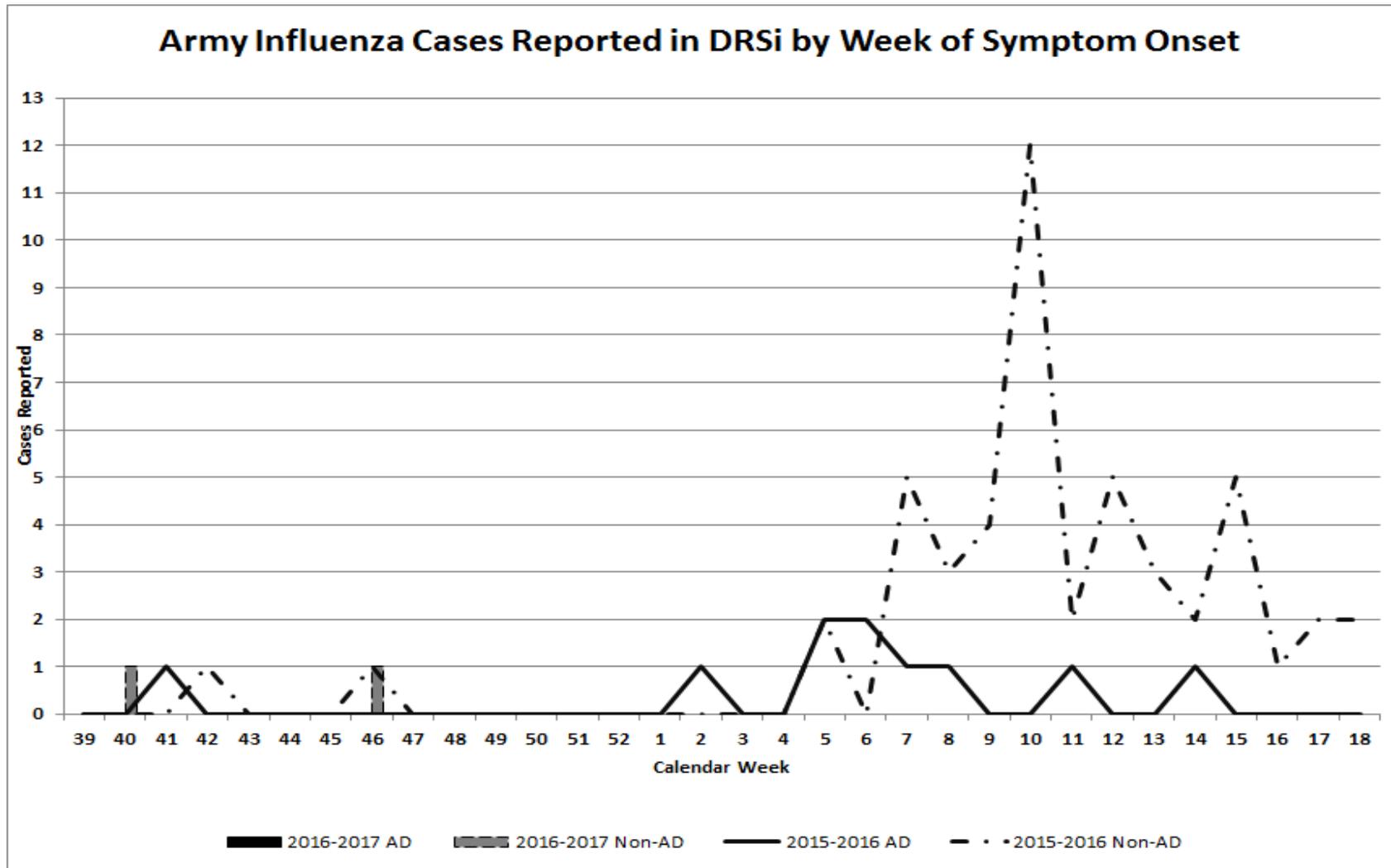
ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness
Army MTFs, All Services, 2014-2017



Clinic visits for ILI are obtained from ESSENCE. Data as of 1 December 2016.

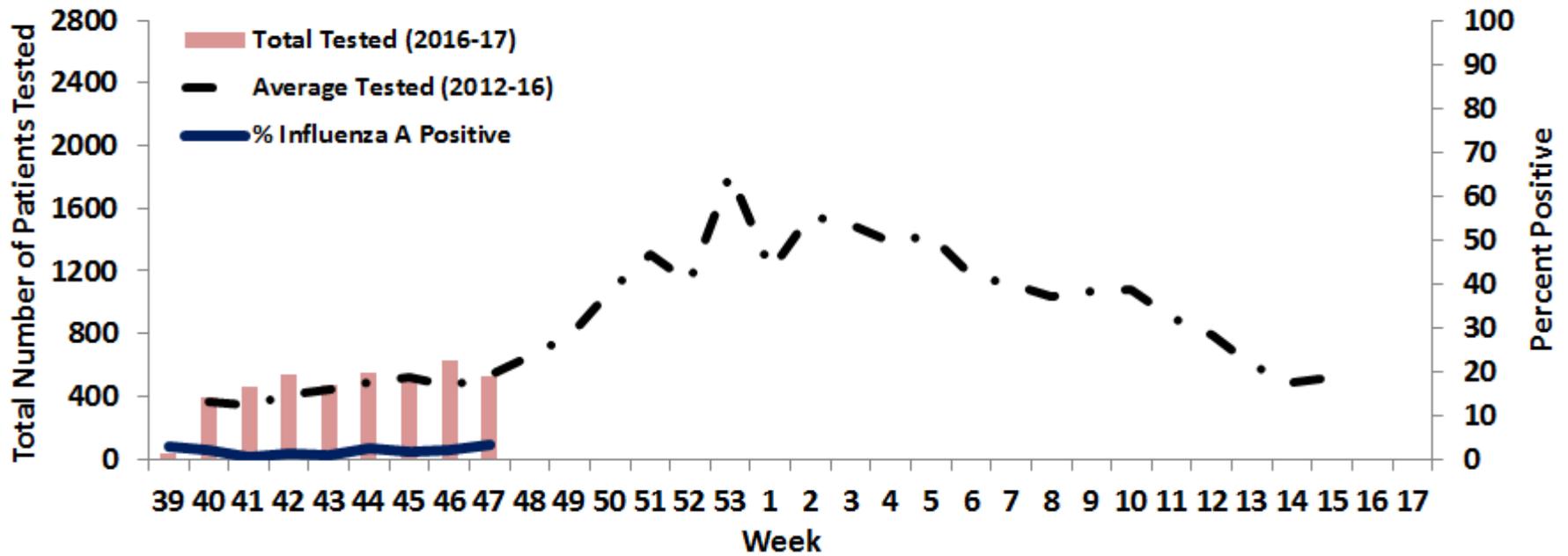
Army MTF Laboratory Results, 2016-17

Test Result	Week 44	Week 45	Week 46	Week 47	Season Total
Influenza A	13	9	12	18	74
Influenza B	3	7	11	10	47
Adenovirus	5	4	3	3	41
Enterovirus	6	9	9	10	71
Parainfluenza	10	11	19	8	85
RSV	39	38	35	33	266
<i>Negative</i>	<i>569</i>	<i>589</i>	<i>673</i>	<i>559</i>	4425
Total Results	645	667	762	641	5009



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 1 December 2016.

Proportion of Positive Influenza A Specimens for U.S. Army 2016-2017



Positive Respiratory Specimen Results from Army MTFs by Virus, 2016-2017 Influenza Season

