

Click on images  
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# U.S. Army Influenza Activity Report

Week Ending 20 October 2012 (Week 42)

## 2012-2013 Seasonal Influenza Vaccination Coverage

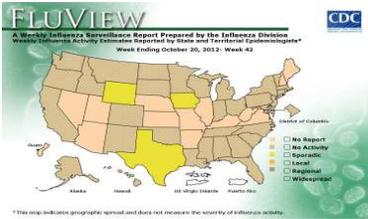
As of 24 OCT 2012

71%	DOD
69%	Army Active Duty
51%	Army Guard
37%	Army Reserve

**SYNOPSIS:** Although MTFs are beginning to see an increase in influenza-positive specimens, overall influenza and influenza-like illness (ILI) activity remains low in US Army and civilian populations.

- **ILI Activity:** Army outpatient visits for incident ILI are lower this year than for the same time over the last two seasons.
- **Influenza cases:** No hospitalized influenza cases have been reported in DRSi this influenza season.
- **Acute Respiratory Disease at BCT sites:** ARDS rates are lower at all Army BCT sites for 2012 compared to 2011.
- **Viral specimens:** During week 42, 74 of 457 (16%) clinical specimens were positive for respiratory disease, an increase of 8% from week 41. Influenza A was identified in 39 (53%) of these positive samples. Most of the Army influenza cases occurred within SRMC (80%), primarily at Ft Stewart (44%).

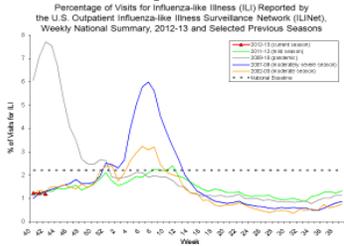
## Geographic Spread



### United States

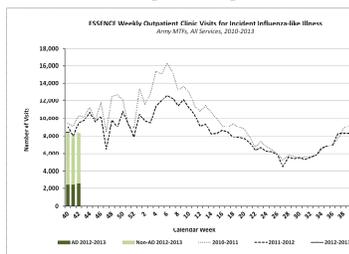
- Sporadic influenza activity was reported in Iowa, Texas, and Wyoming.
- The remaining states and territories reported no influenza activity or did not report data at all.
- No states reported regional or widespread activity.

## ILI Activity United States



- For week 42, 1.2% of outpatient visits reported through ILINet were due to ILI.
- The percentage of ILI outpatient visits ranged from 0.6 to 1.8% across regions.
- Overall, the percentage is below the national baseline of 2.2%.

## ILI Activity Army



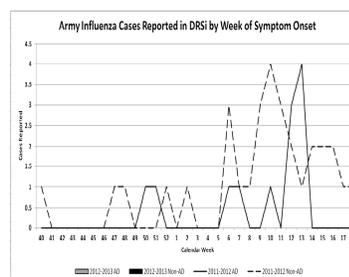
- Overall incident ILI activity is 11% lower this year than last year at this time.
- Similar to week 41, Active Duty Service Members accounted for 30% of incident ILI clinic visits during week 42. In the 2011-2012, season, AD SMs comprised 35% of ILI clinic visits on average.

## Laboratory Respiratory Specimen Testing

Test Result	Week 40	Week 41	Week 42	Week 43	Total
Influenza A	4	9	39		52
Influenza B	0	2	0		2
Adenovirus	4	4	3		11
Enterovirus	1	0	2		3
Parainfluenza	5	6	12		23
RSV	25	12	18		55
Negative	385	280	383		1048
<b>Total Results</b>	<b>424</b>	<b>313</b>	<b>457</b>		<b>1194</b>

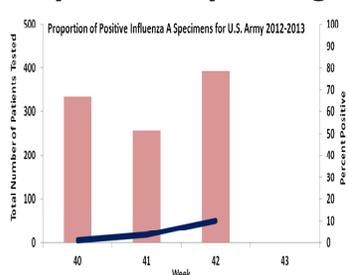
- 12% of respiratory specimens were positive during week 42.
- Influenza A and RSV accounted for 53% and 24% of positive samples, respectively.
- Parainfluenza and adenovirus accounted for 16% and 4% of all positive samples.

## DRSi Influenza Case Reporting

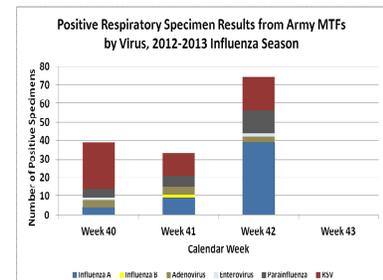


- No cases of hospitalized influenza have been reported in DRSi since week 40.
- Only one case had been reported during the same period last year.
- Since July 2012, eight cases of influenza-associated hospitalization have occurred at Army MTFs, two of which have been in Army AD SMs.

## Army Laboratory Testing for Influenza A



- The proportion of positive influenza A tests increased from weeks 40 through 42. The percent of positive influenza A tests has continued to increase as well, from 1.2%, to 3.5%, to 9.9%, respectively.
- 25 (74%) of the positive tests occurred in non-active duty personnel.
- 31 of the 39 (80%) positive specimens were from SRMC, where most of the influenza tests were ordered (53%).
- No positive specimens were identified in ERM or PRMC.



**Additional Resources:** Army Influenza Reports; ARD Reports; AFHSC Influenza Reports; NHRC FRI Reports; DoD Global Influenza Surveillance Program; DoD Pandemic Influenza Watchboard; CDC

**Key:** ILI - Influenza-Like Illness; DRSi- Disease Reporting System Internet; ARD - Acute Respiratory Disease; NHRC - Naval Health Research Center; ADV - Adenovirus; RSV - Respiratory Syncytial Virus

**Questions?**

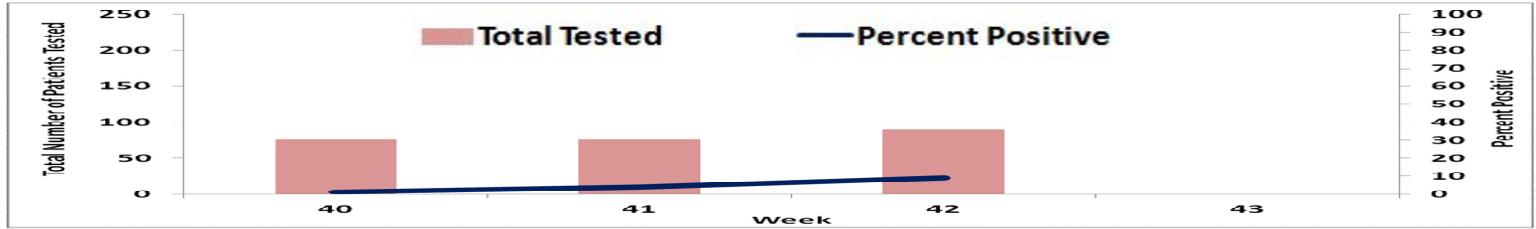
<http://phc.amedd.army.mil>



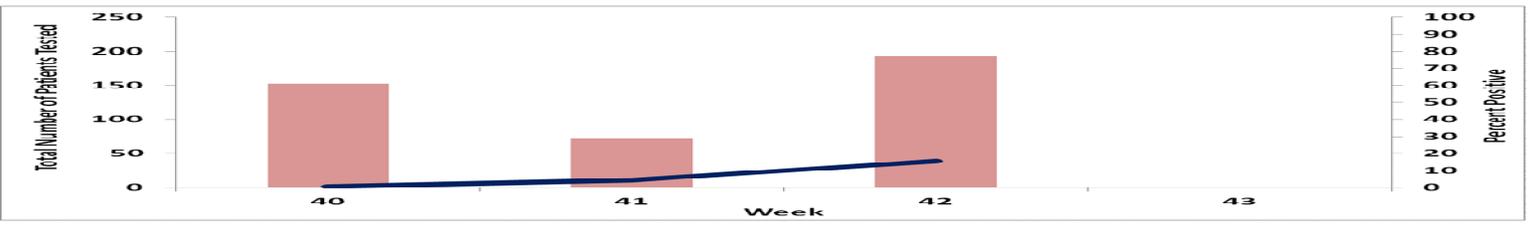
# U.S. Army Influenza Activity Report

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2012-13

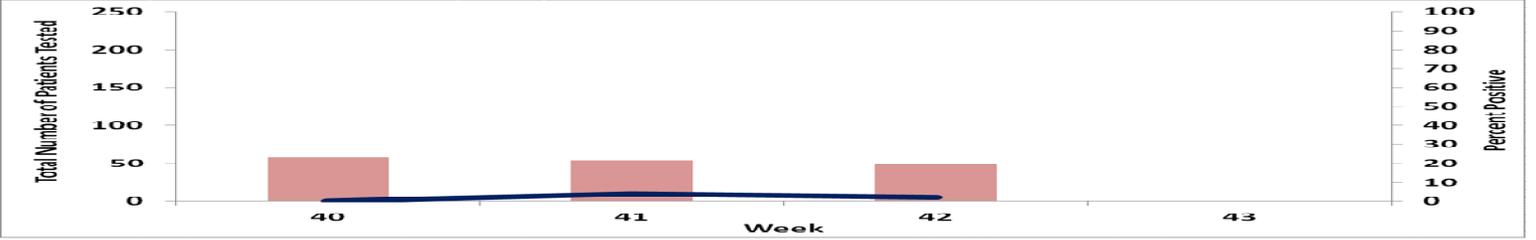
## Northern Regional Medical Command (NRMC)



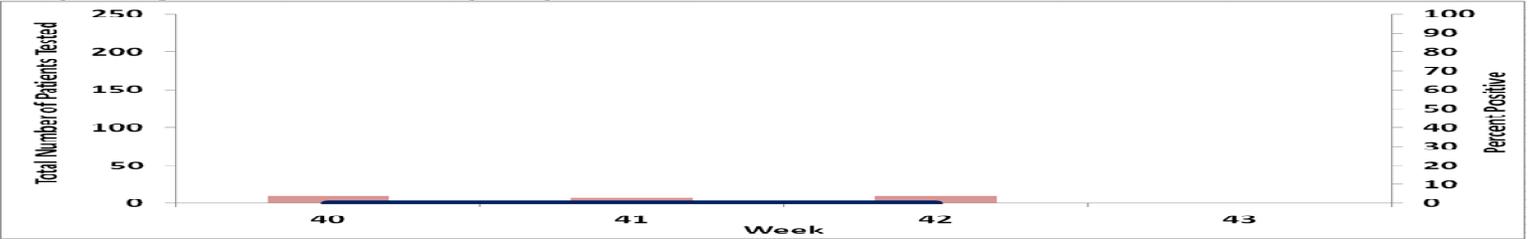
## Southern Regional Medical Command (SRMC)



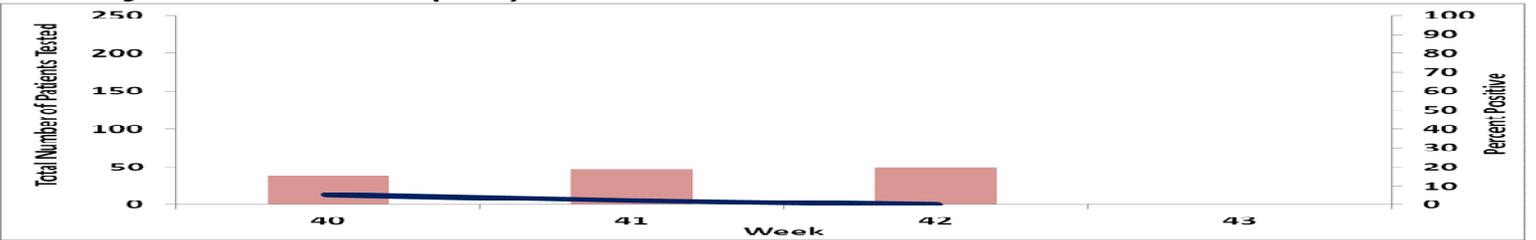
## Western Regional Medical Command (WRMC)



## European Regional Medical Command (ERMC)



## Pacific Regional Medical Command (PRMC)



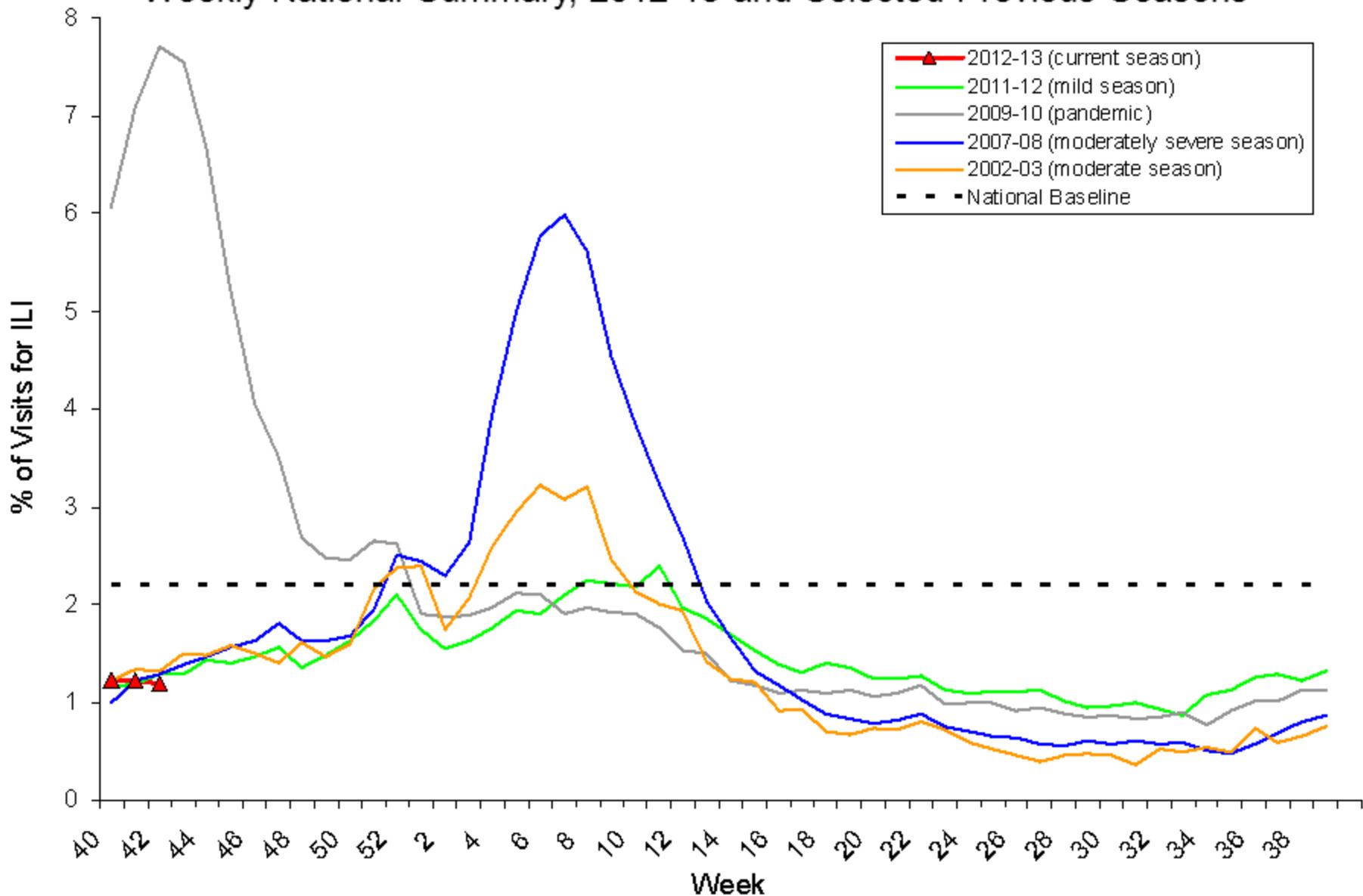
### Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 40		Week 41		Week 42		Week 43	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	1	0	0	3	2	6		
SRMC	0	1	1	2	5	25		
WRMC	0	0	0	2	1	0		
ERMC	0	0	0	0	0	0		
PRMC	0	2	0	1	0	0		

**Locations providing week 42 laboratory data:** Korea, National Capital Region, Ft Bliss, Ft Bragg, Ft Gordon, Ft Hood, Ft Lewis, Ft Sam Houston, Landstuhl, Tripler, Ft Benning, Ft Carson, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Irwin, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Polk, Ft Rucker, Ft Sill, Ft Wainwright, Redstone Arsenal

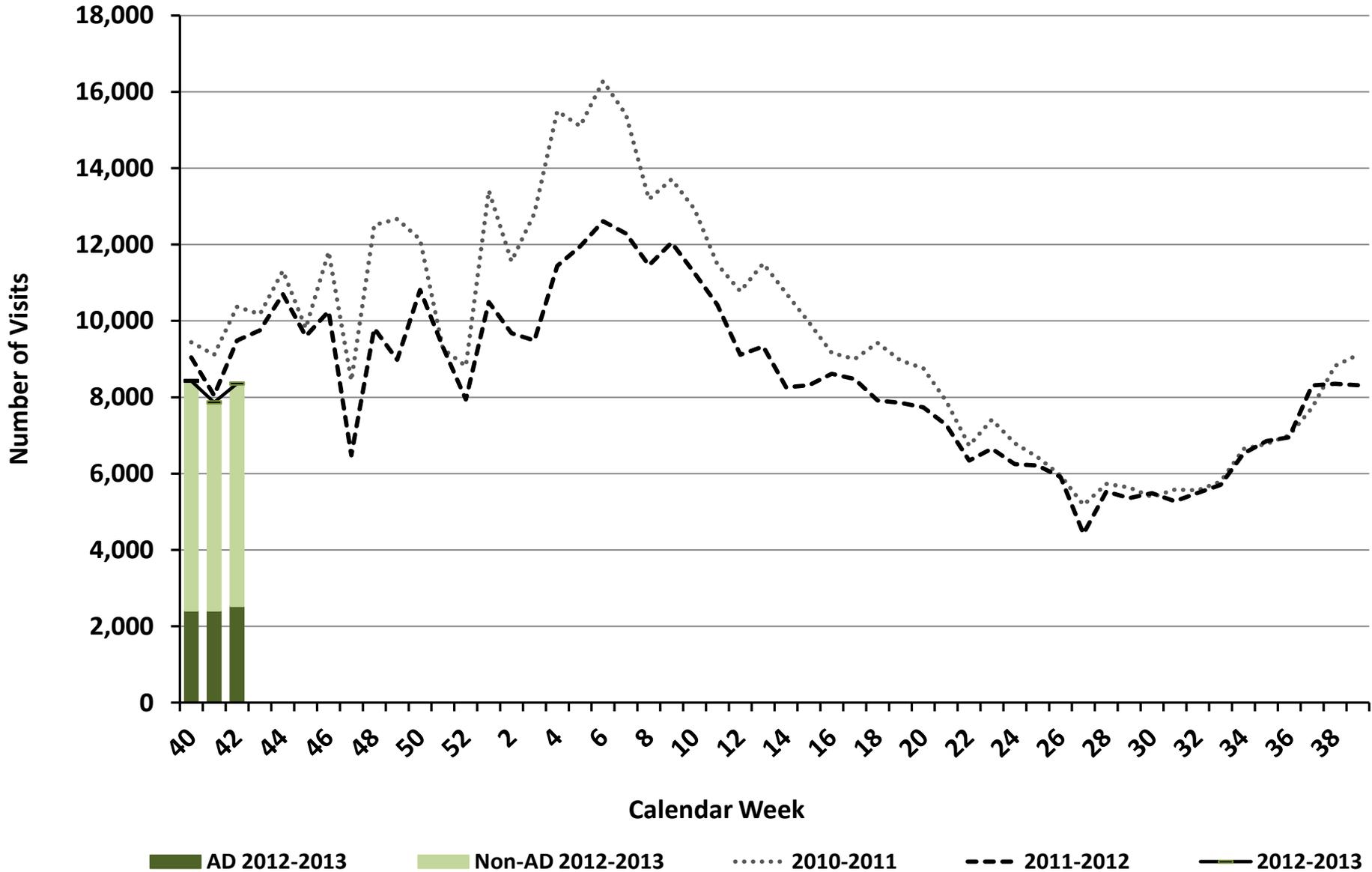


Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



# ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

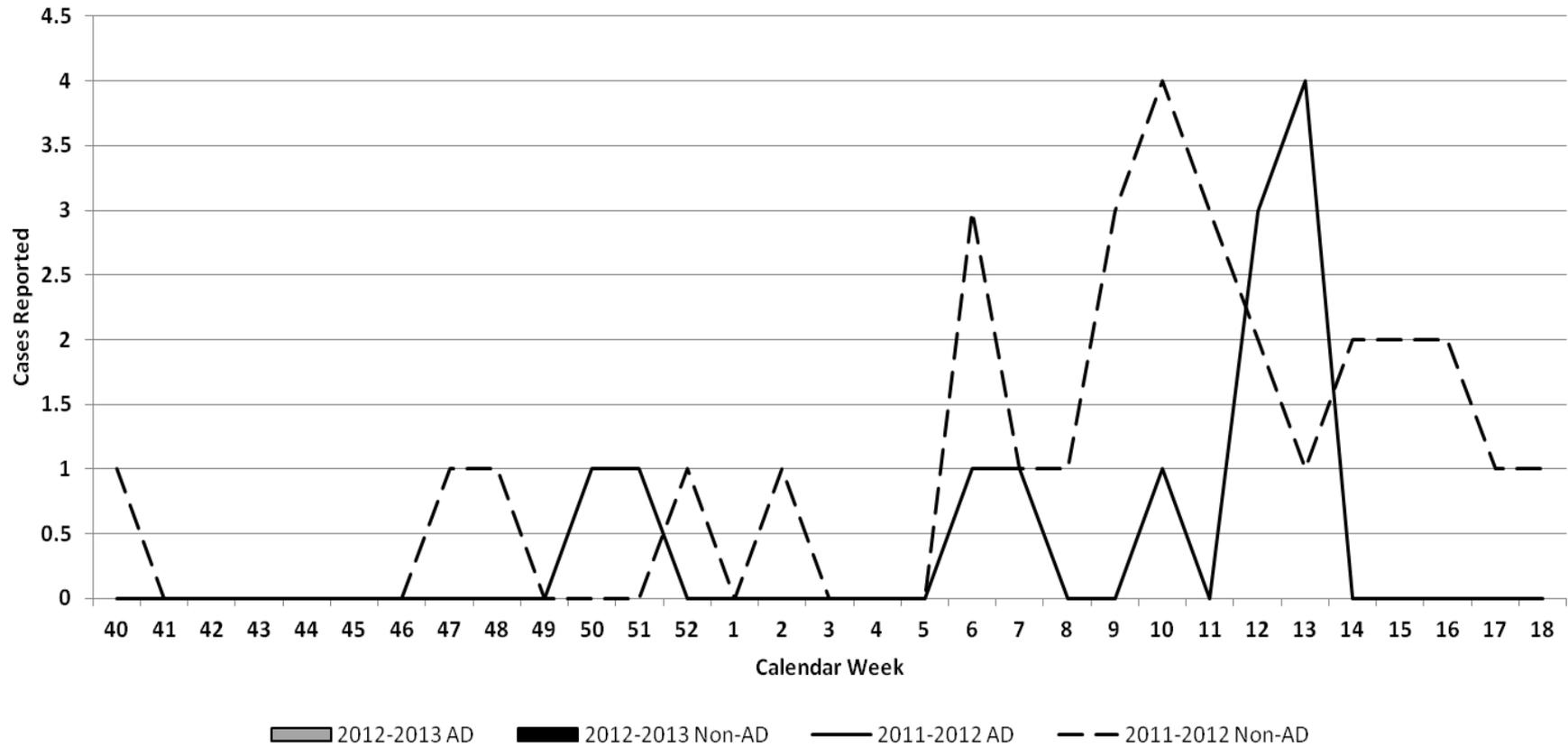
Army MTFs, All Services, 2010-2013



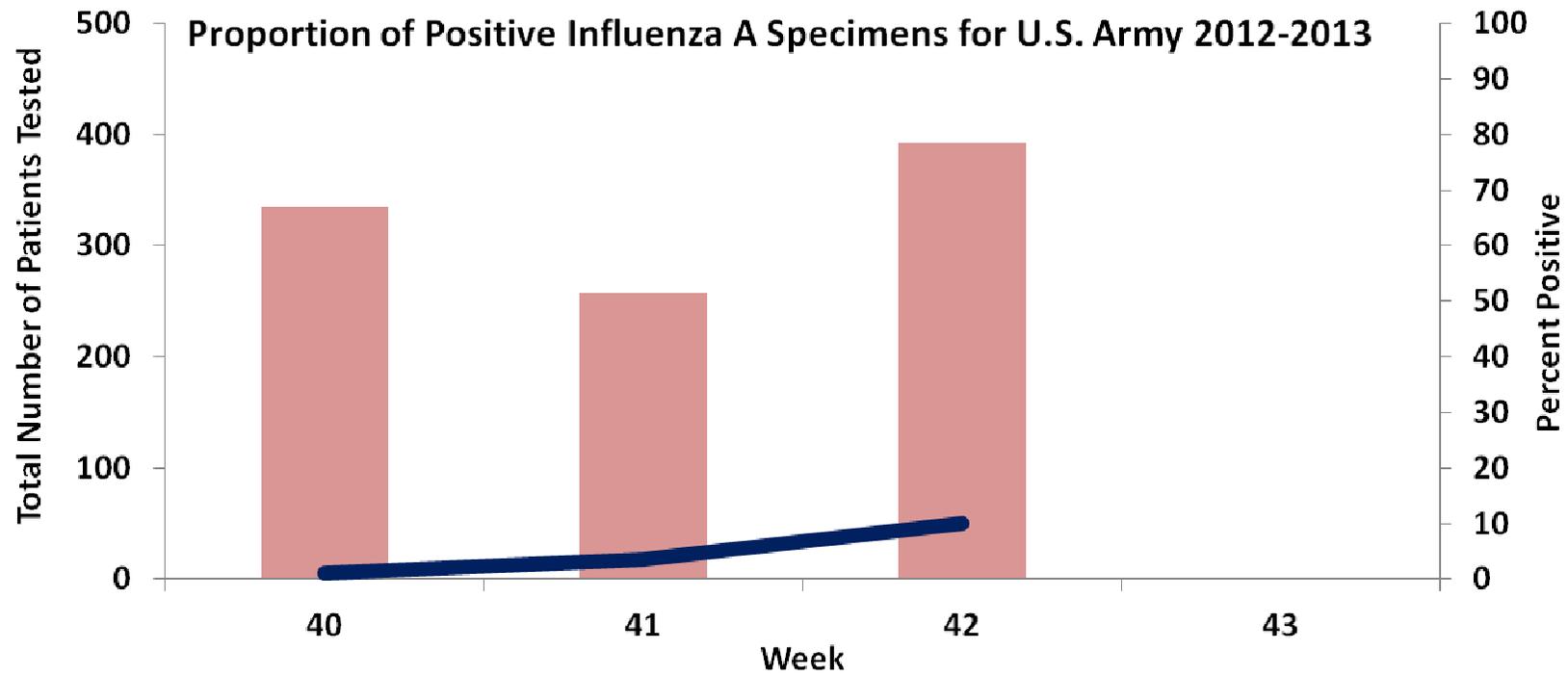
### Army MTF Laboratory Results

Test Result	Week 40	Week 41	Week 42	Week 43	Total
Influenza A	4	9	39		52
Influenza B	0	2	0		2
Adenovirus	4	4	3		11
Enterovirus	1	0	2		3
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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 24 October 2012.



# Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season

