



Click on images to enlarge.

U.S. Army Influenza Activity Report

Week Ending 9 January 2016 (Week 01)

2015-2016 Seasonal Influenza Vaccination Coverage

As of 15 January 2016

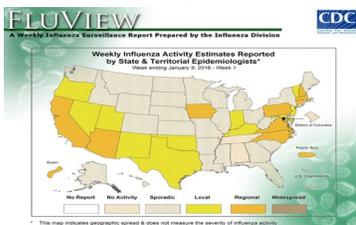
| | |
|-----|------------------|
| 92% | DOD* |
| 95% | Army Active Duty |
| 92% | Army Guard |
| 80% | Army Reserve |

*Source: DHA

SYNOPSIS: Influenza activity has increased significantly in Army MTFs. Non-AD populations were mainly affected. In the U.S., overall civilian influenza-like illness activity decreased.

- **ILI Activity:** Army incident ILI outpatient visits in week 1 were 17% lower than the same week last year.
- **Influenza cases:** No hospitalized influenza cases were reported to APHC(P) through DRISi in week 1. Three hospitalized cases have been reported to date this season.
- **Viral specimens:** During week 1, 129 of 763 (17%) laboratory specimens tested positive for respiratory pathogens. RHC-C reported 6 influenza A-positive specimens, RHC-P reported 4, and RHC-A reported 2. RHC-E and CENTCOM did not report any influenza A-positive specimens.

Geographic Spread

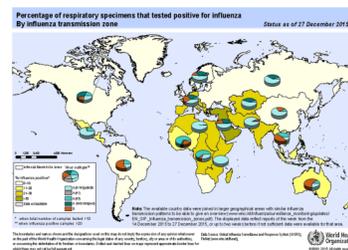


United States

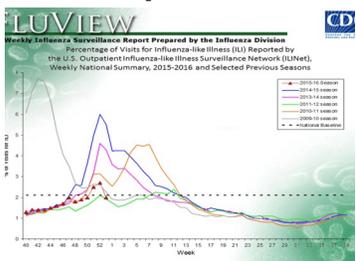
- In week 1, regional influenza activity was reported in Guam, Puerto Rico and nine states. Eleven states reported local influenza activity, while the US Virgin Islands and 28 states reported sporadic. No influenza activity was reported in the District of Columbia and two states.

World Health Organization

- Globally influenza activity was picking up in some temperate countries of the Northern Hemisphere, but in general remained low.

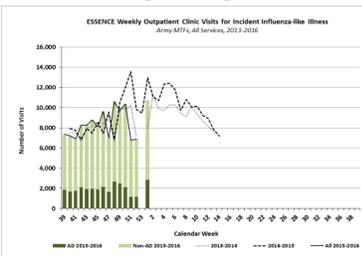


ILI Activity United States



- Nationwide during week 1, 2.0% of outpatient visits reported in ILINet were due to ILI, which is below the national baseline of 2.1%.
- The percentage of ILI outpatient visits ranged from 0.5% to 4.3% across the regions reporting.

ILI Activity Army



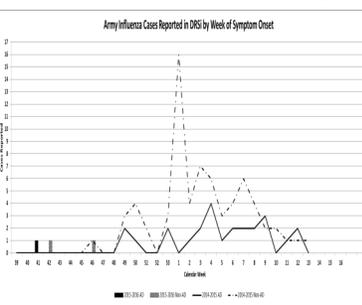
- During week 1, incident ILI activity was 17% lower than the same time last year and 34% higher than week 1 in 2013-2014.
- AD SMs accounted for 27% of incident ILI clinic visits during week 1; in 2014-2015, AD SMs comprised 27% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing

| Test Result | Week 50 | Week 51 | Week 52 | Week 1 | Season Total |
|----------------------|------------|------------|------------|------------|--------------|
| Influenza A | 3 | 6 | 3 | 12 | 82 |
| Influenza B | 1 | 3 | 5 | 6 | 44 |
| Adenovirus | 8 | 8 | 12 | 18 | 120 |
| Enterovirus | 4 | 3 | 0 | 2 | 17 |
| Parainfluenza | 19 | 8 | 3 | 6 | 175 |
| RSV | 74 | 84 | 86 | 85 | 835 |
| Negative | 612 | 473 | 475 | 634 | 8236 |
| Total Results | 721 | 585 | 584 | 763 | 9509 |

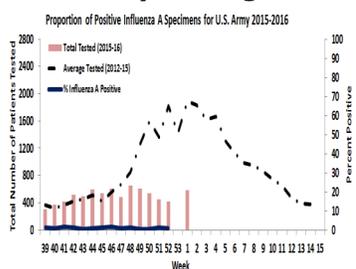
- In week 1, 17% (129) of specimens tested positive.
- RSV accounted for 66% of positive specimens, adenovirus for 14%, and parainfluenza for 5%.
- Influenza A accounted for 9% of positive specimens.
- Influenza B accounted for 5% of positive specimens.

DRSi Influenza Case Reporting



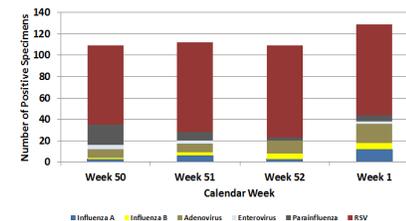
- In week 1, no cases of influenza-associated hospitalization were reported in DRISi.
- At the same time last influenza season, 18 hospitalized influenza cases had been reported. A total of 3 hospitalized cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week 1, 12 of 584 (2.1%) specimens tested positive for influenza A. This was a large increase from week 52 (0.7%). Nine (75%) of the positive influenza A specimens were in non-active duty personnel.
- RHC-C reported 6 (50%) of the total influenza A-positive specimens. RHC-P reported 4 (33%) positive specimens, and RHC-A reported 2 (17%). RHC-E 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; DRISi- Disease Reporting System Internet; NHRC- Naval Health Research Center; ADV- Adenovirus; RSV-Respiratory Syncytial Virus; DEP- Disease Epidemiology Program; SM-Service Member

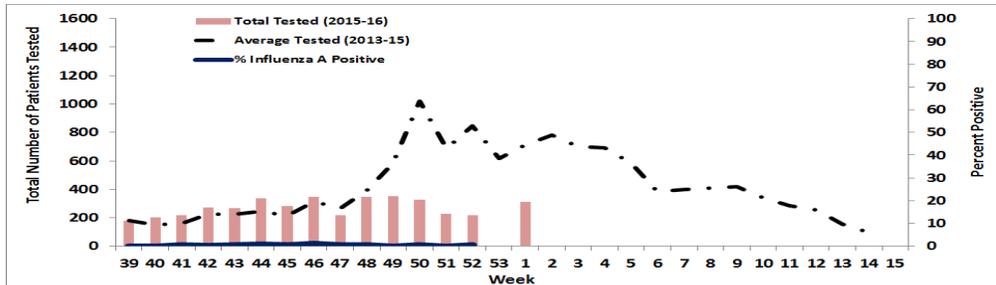
Questions?
 Email APHC-DEP
 410-417-3774



U.S. Army Influenza Activity Report

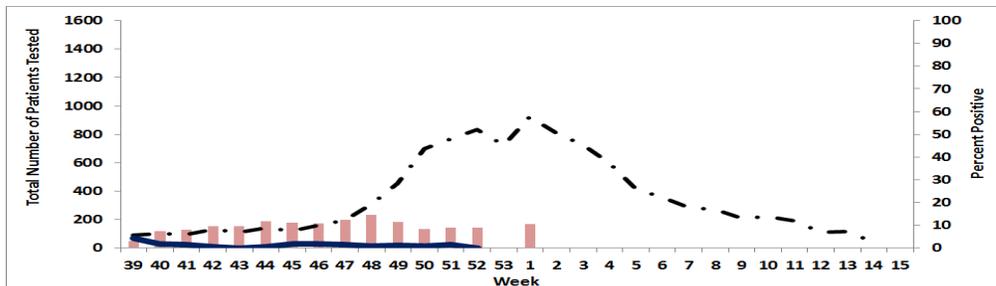
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2015-2016 as Compared to 2014-2015

Regional Health Command - Atlantic (RHC-A)



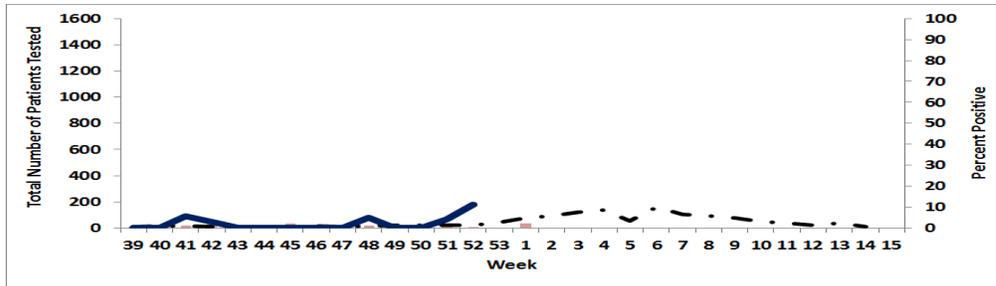
| Week 1 | | | |
|--------------|----------|------------|--------------|
| Age Group | AD | Non-AD Ben | Season Total |
| < 18 | 0 | 2 | 14 |
| 18-29 | 0 | 0 | 1 |
| 30-39 | 0 | 0 | 2 |
| 40-49 | 0 | 0 | 1 |
| 50-59 | 0 | 0 | 1 |
| 60+ | 0 | 0 | 2 |
| Total | 0 | 2 | 21 |

Regional Health Command - Central (RHC-C)



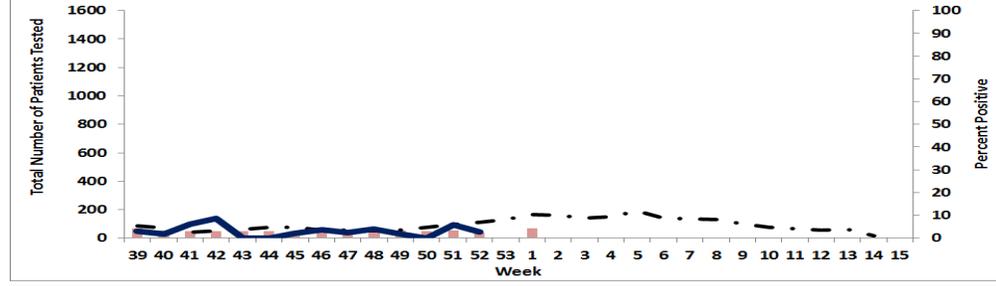
| Week 1 | | | |
|--------------|----------|------------|--------------|
| Age Group | AD | Non-AD Ben | Season Total |
| < 18 | 0 | 4 | 15 |
| 18-29 | 2 | 0 | 9 |
| 30-39 | 0 | 0 | 3 |
| 40-49 | 0 | 0 | 2 |
| 50-59 | 0 | 0 | 1 |
| 60+ | 0 | 0 | 0 |
| Total | 2 | 4 | 30 |

Regional Health Command - Europe (RHC-E)



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

Regional Health Command - Pacific (RHC-P)



| Week 1 | | | |
|--------------|----------|------------|--------------|
| Age Group | AD | Non-AD Ben | Season Total |
| < 18 | 0 | 3 | 14 |
| 18-29 | 0 | 0 | 5 |
| 30-39 | 1 | 0 | 1 |
| 40-49 | 0 | 0 | 2 |
| 50-59 | 0 | 0 | 2 |
| 60+ | 0 | 0 | 1 |
| Total | 1 | 3 | 25 |

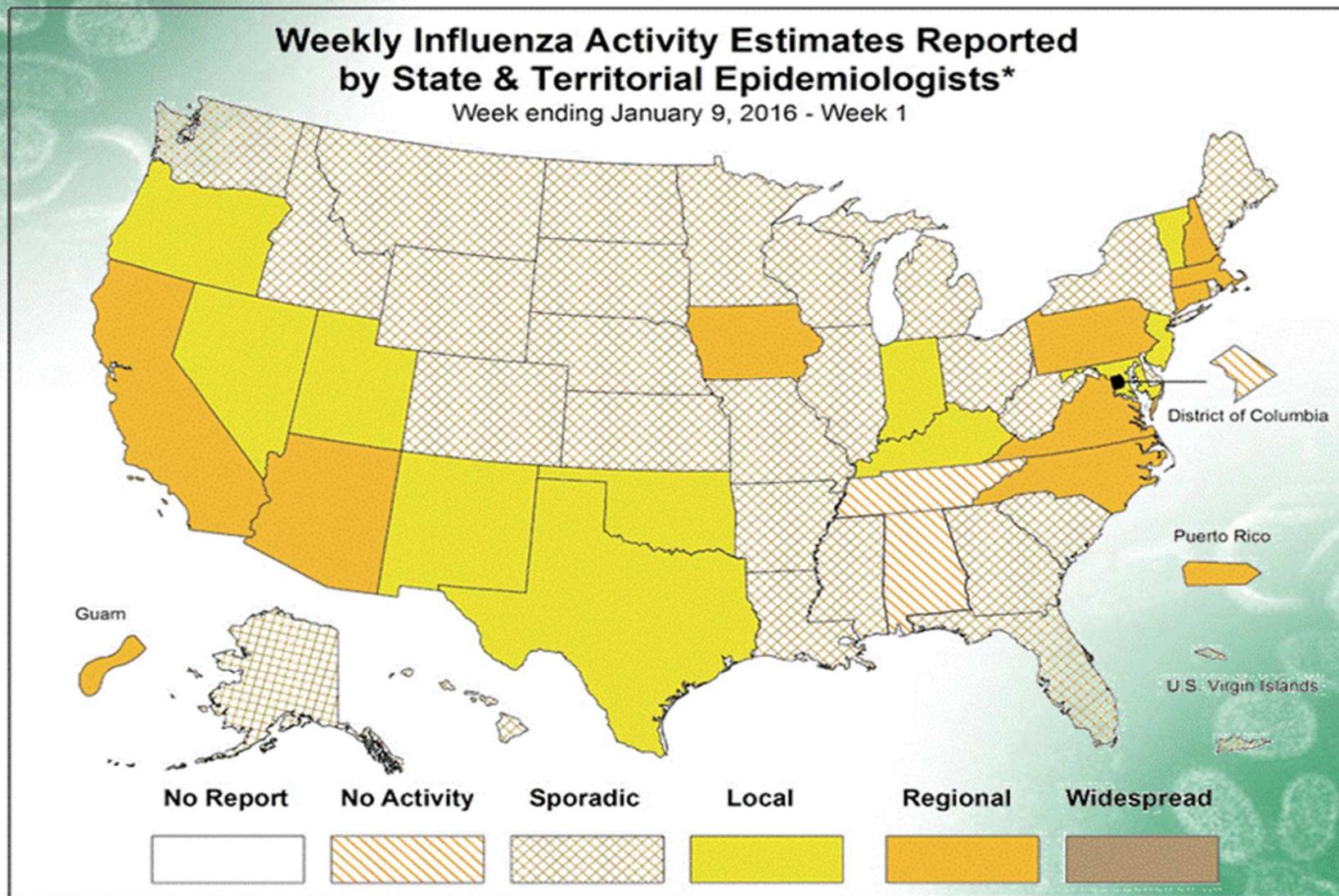
Number of Positive Influenza A Specimens by Duty Status and Region

| Region | Week 46 | | Week 47 | | Week 48 | | Week 49 | | Week 50 | | Week 51 | | Week 52 | | Week 1 | |
|---------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|--------|
| | AD | Non-AD | AD | Non-AD |
| RHC-A | 1 | 3 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 2 |
| RHC-C | 0 | 3 | 0 | 3 | 0 | 2 | 0 | 2 | 1 | 0 | 1 | 1 | 0 | 0 | 2 | 4 |
| RHC-E | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| RHC-P | 0 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 1 | 1 | 3 |
| CENTCOM | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Locations providing week 1 laboratory data as of 14 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, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, West Point, and Walter Reed.

FLUVIEW

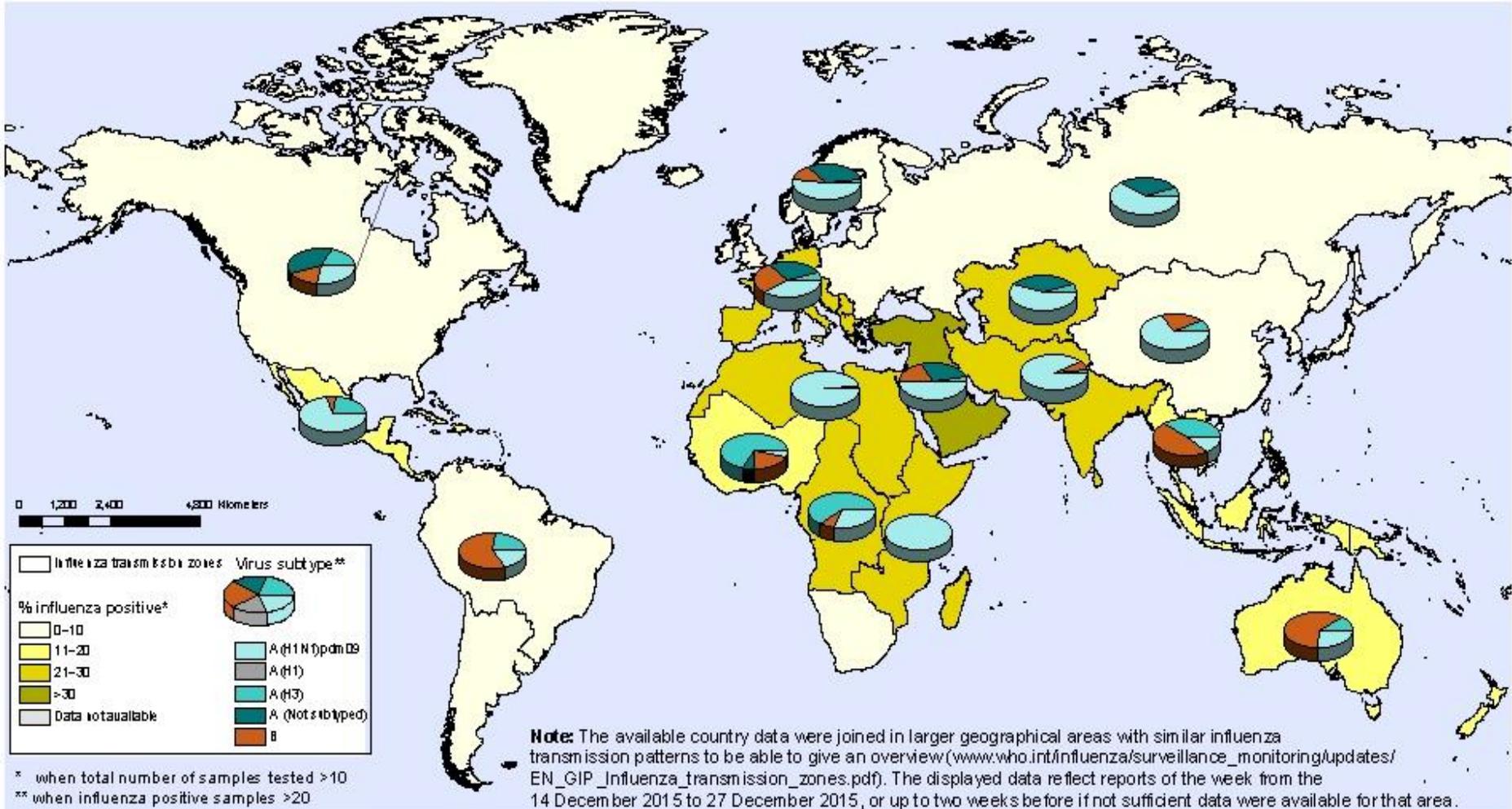
A Weekly Influenza Surveillance Report Prepared by the Influenza Division



* 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 27 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.

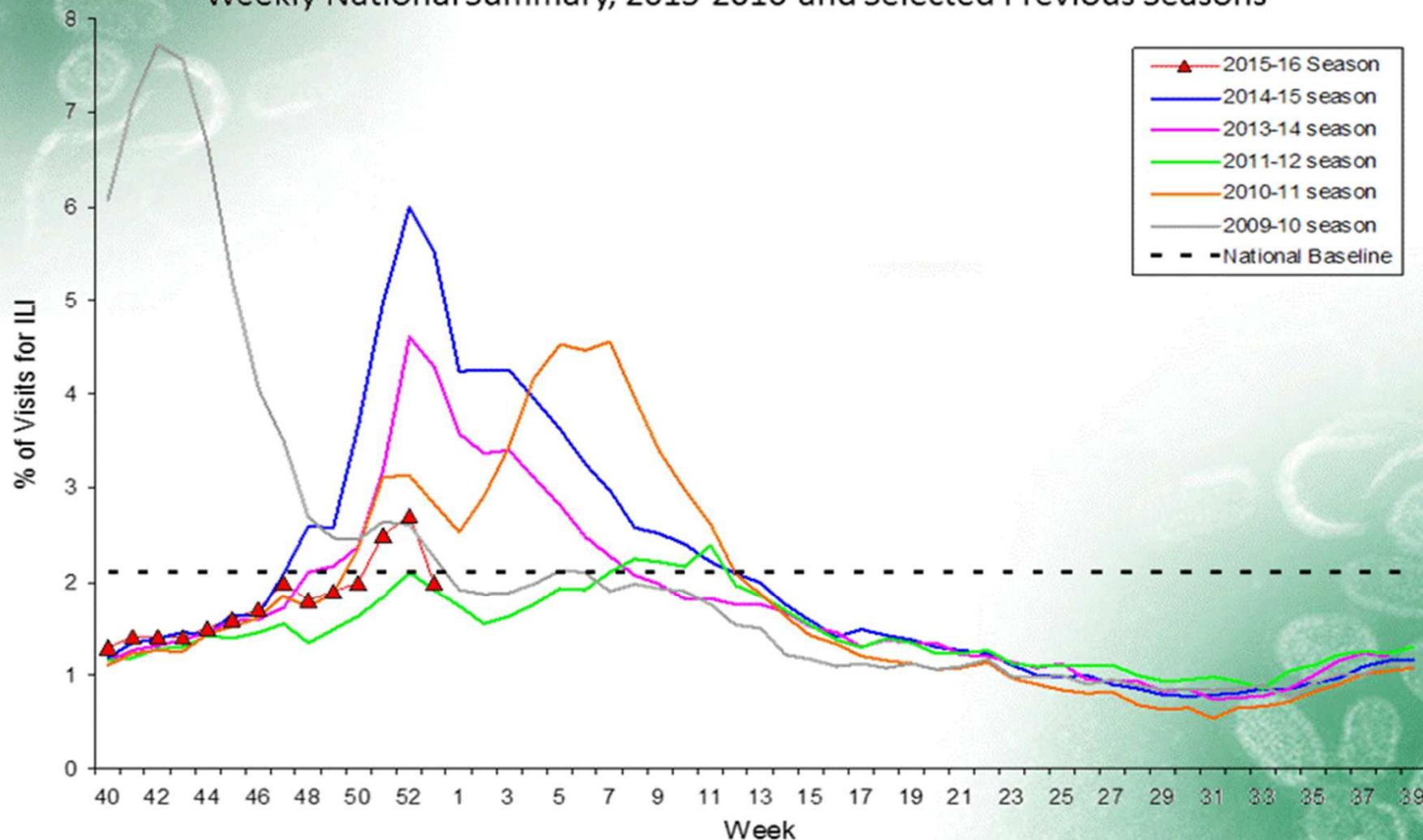
Data Source: Global Influenza Surveillance and Response System (GISRS), FluNet (www.who.int/flu-net).

FLUVIEW

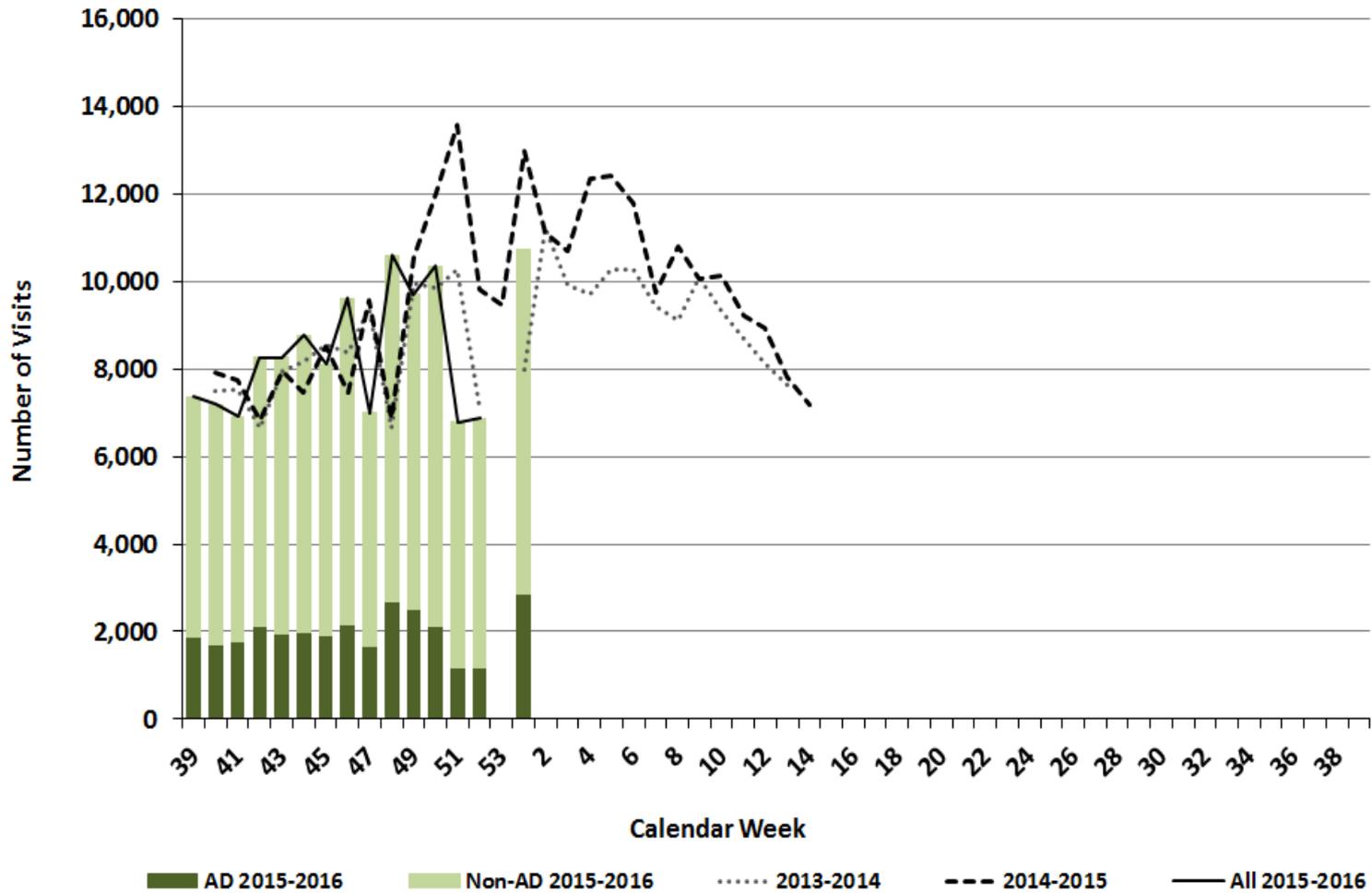


A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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

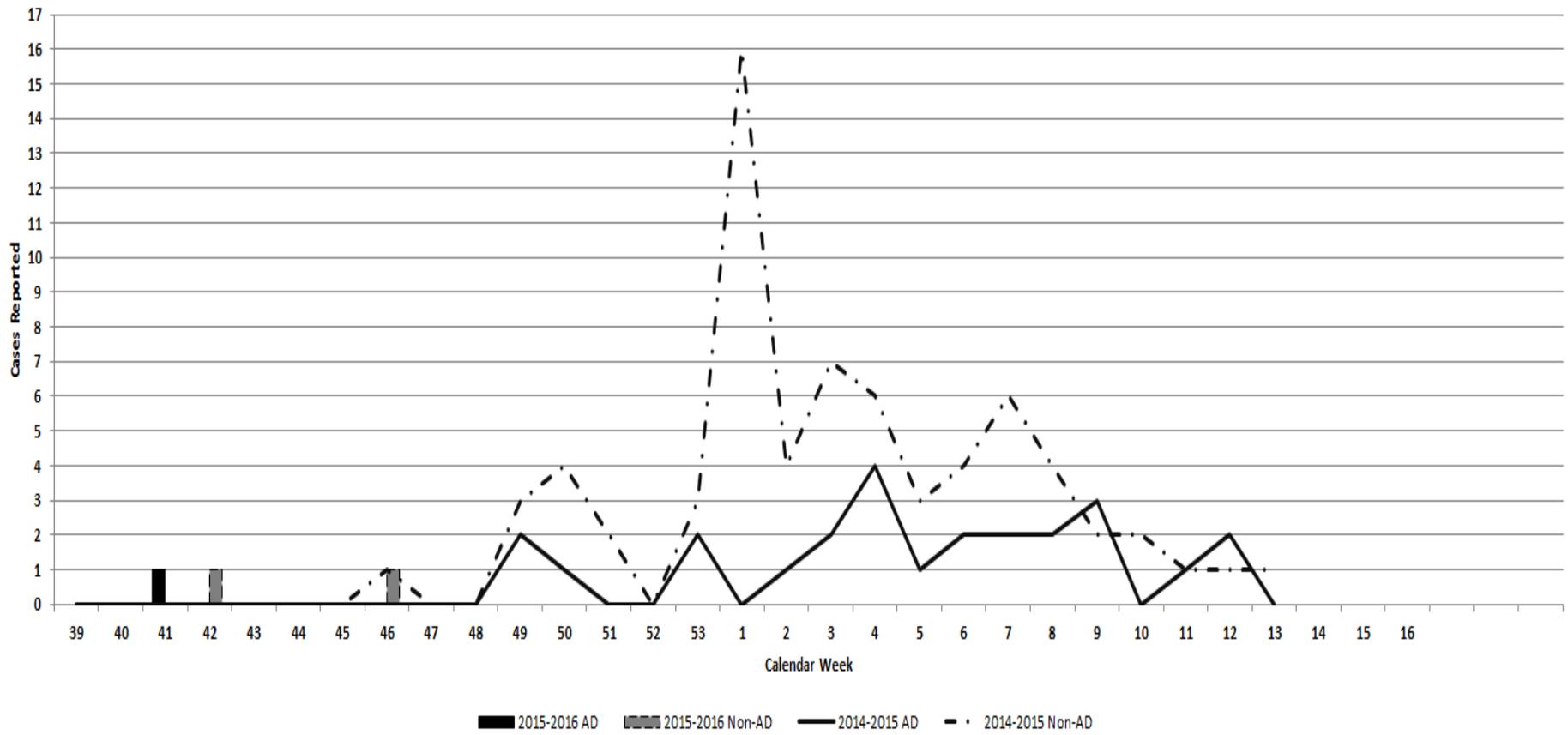


Clinic visits for ILI are obtained from ESSENCE. Data as of 14 January 2016.

Army MTF Laboratory Results, 2015-16

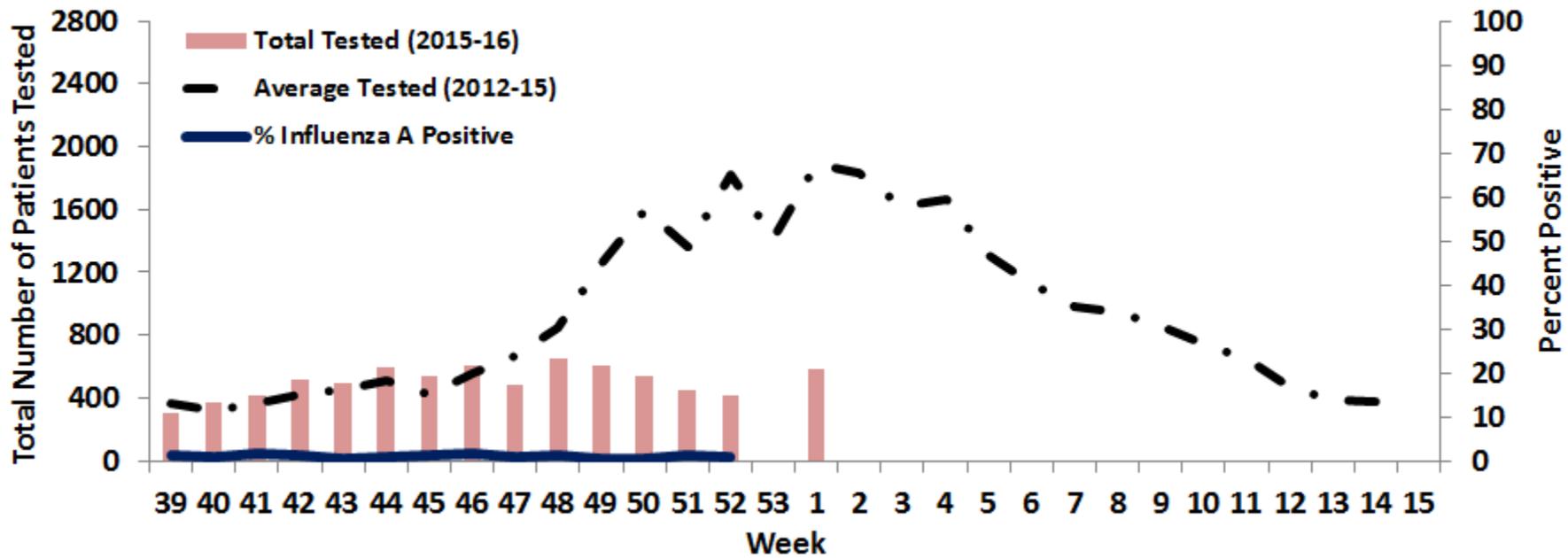
| Test Result | Week 50 | Week 51 | Week 52 | Week 1 | Season Total |
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| Adenovirus | 8 | 8 | 12 | 18 | 120 |
| Enterovirus | 4 | 3 | 0 | 2 | 17 |
| Parainfluenza | 19 | 8 | 3 | 6 | 175 |
| RSV | 74 | 84 | 86 | 85 | 835 |
| <i>Negative</i> | <i>612</i> | <i>473</i> | <i>475</i> | <i>634</i> | 8236 |
| Total Results | 721 | 585 | 584 | 763 | 9509 |

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 14 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

