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U.S. Army Influenza Activity Report

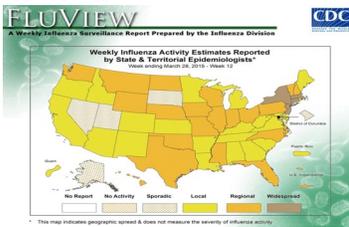
Week Ending 28 March 2015 (Week 12)

2014-2015 Seasonal Influenza Vaccination Coverage As of 05 MAR 2015	
95%	DOD
98%	Army Active Duty
91%	Army Guard
84%	Army Reserve

SYNOPSIS: Influenza A activity in Army and civilian populations and the number of specimens tested are decreasing.

- **Influenza-like illness (ILI) activity:** Army incident ILI outpatient visits in week twelve were 7% lower than in the previous week.
- **Influenza cases:** 4 hospitalized influenza cases were reported to USAPHC in weeks eleven and twelve: 1 active duty (AD) Service member (SM) and 3 non-AD beneficiaries, one of whom was not vaccinated. To date, 91 cases have been reported during this influenza season: 23 AD SM and 68 non-AD beneficiaries.
- **Viral specimens:** During week twelve, 239 of 1111 (22%) laboratory specimens tested positive for respiratory pathogens; 55 of 844 (6.5%) specimens tested for influenza A were positive. ERMC reported the most influenza A-positive specimens (27%), followed by SRMC (25%), NRMCM (20%), PRMC (18%), WRMC (9%), and CENTCOM (0%).

Geographic Spread

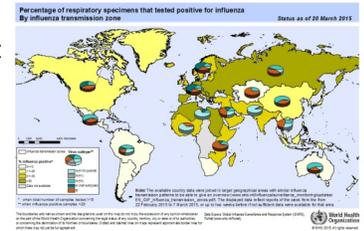


United States

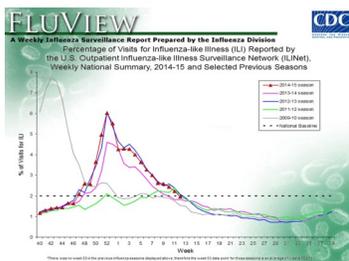
- In week twelve, twenty-four states reported widespread and regional influenza activity. Local and sporadic activity was reported by the District of Columbia, Guam, Puerto Rico and twenty-six states.

World Health Organization

- In Europe, influenza activity appeared to have peaked in many countries. Influenza A(H3N2) virus continued to be predominant. In tropical countries of the Americas, influenza activity remained low.

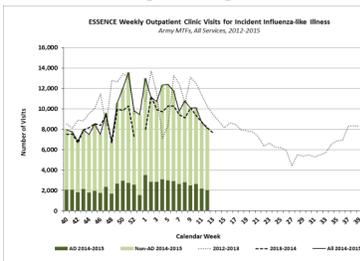


ILI Activity United States



- Nationwide during week twelve, 2.0% of outpatient visits reported in ILINet were due to ILI, which is at the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 0.9% to 3.6% across the regions reporting.

ILI Activity Army



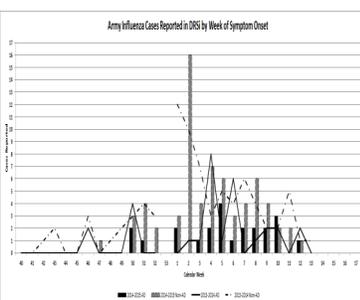
- During week twelve, incident ILI activity was 1% lower than the same time last year and 7% lower than last week.
- AD SMs continued to account for approximately 25% of incident ILI clinic visits during weeks eleven and twelve, which is similar to the same period in 2013-2014.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2014-15					
Test Result	Week 9	Week 10	Week 11	Week 12	Season Total
Influenza A	177	151	70	55	8244
Influenza B	197	158	118	94	1330
Adenovirus	11	15	27	18	299
Enterovirus	0	7	2	1	19
Parainfluenza	16	10	17	15	307
RSV	66	94	57	56	1583
Negative	1012	920	867	872	25851
Total Results	1479	1355	1158	1111	37633

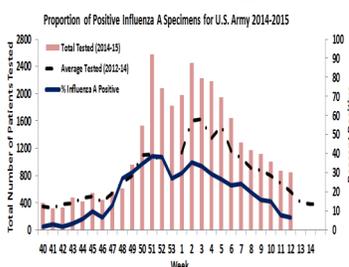
- 22% (239) of specimens tested positive during week twelve.
- Influenza A accounted for 23% (55) of positive specimens.
- Influenza B accounted for 39% of positive specimens, RSV for 23%, adenovirus for 8%, and parainfluenza accounted for 6%. One specimen tested positive for enterovirus.

DRSi Influenza Case Reporting



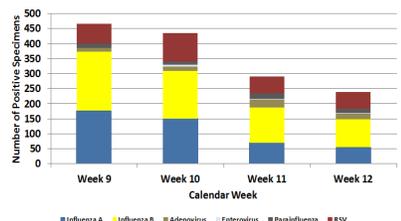
- In weeks eleven and twelve, 4 influenza-associated hospitalizations were reported in DRSi: 1 vaccinated AD SM with an underlying condition and 3 non-AD beneficiaries, all of whom had underlying conditions (2 were vaccinated). A total of 91 hospitalized influenza cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week twelve, 55 of 844 (6.5%) specimens tested for influenza A were positive, a slight decrease from week eleven where 8% of specimens tested positive for influenza A. 42 (76%) of the positive influenza A specimens were from non-AD beneficiaries.
- ERMC reported 15 (27%) of the total influenza A positive specimens. SRMC reported 14 (25%) positive influenza A specimens, NRMCM reported 11 (20%), PRMC reported 10 (18%), WRMC reported 5 (9%), and CENTCOM reported 0.

Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 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: AD-Active Duty; 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

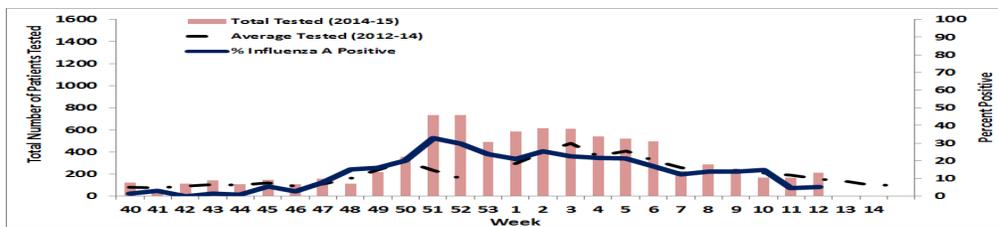
Questions?

Email USAPHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

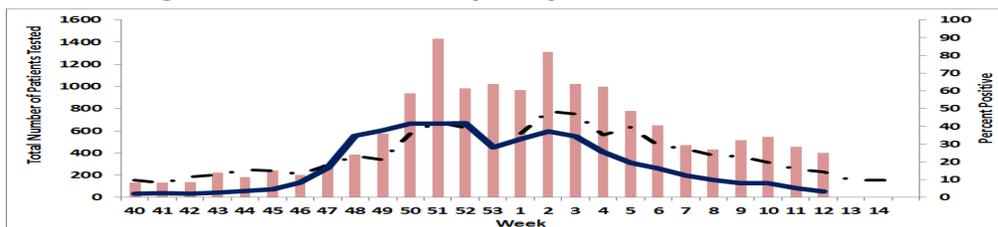
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

Northern Regional Medical Command (NRMC)



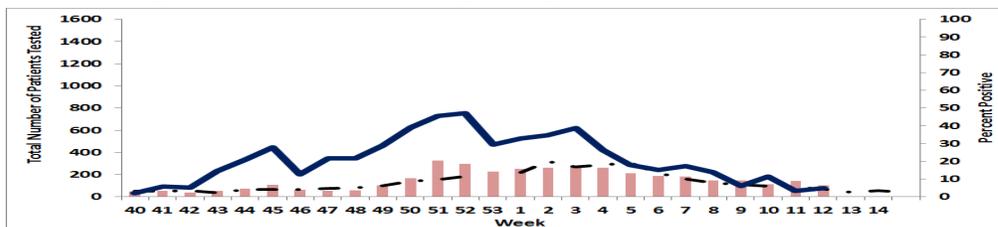
Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	829
18-29	2	1	255
30-39	1	1	167
40-49	1	1	133
50-59	0	0	86
60+	0	0	134
Total	4	7	1604

Southern Regional Medical Command (SRMC)



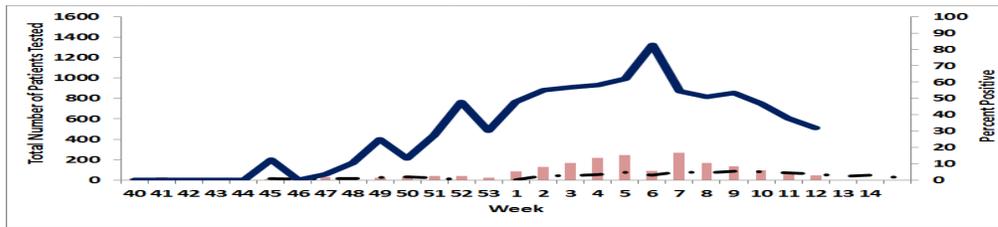
Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	8	2090
18-29	0	1	686
30-39	0	0	454
40-49	2	0	283
50-59	0	3	221
60+	0	0	295
Total	2	12	4029

Western Regional Medical Command (WRMC)



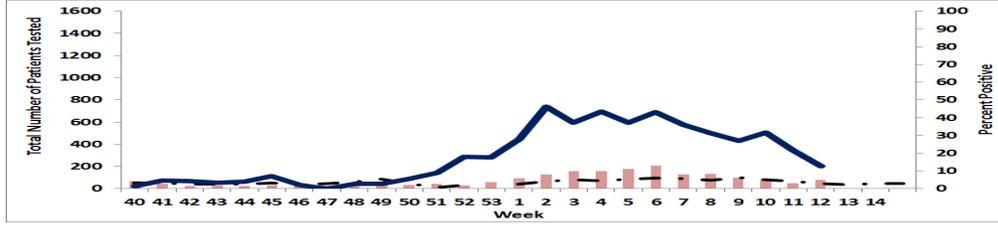
Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	3	661
18-29	0	0	125
30-39	0	1	93
40-49	0	0	47
50-59	0	1	40
60+	0	0	76
Total	0	5	1042

Europe Regional Medical Command (ERMC)



Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	9	378
18-29	1	2	253
30-39	0	0	232
40-49	1	2	94
50-59	0	0	31
60+	0	0	21
Total	2	13	1009

Pacific Regional Medical Command (PRMC)



Week 12			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	4	259
18-29	3	0	125
30-39	2	0	76
40-49	0	1	44
50-59	0	0	19
60+	0	0	34
Total	5	5	557

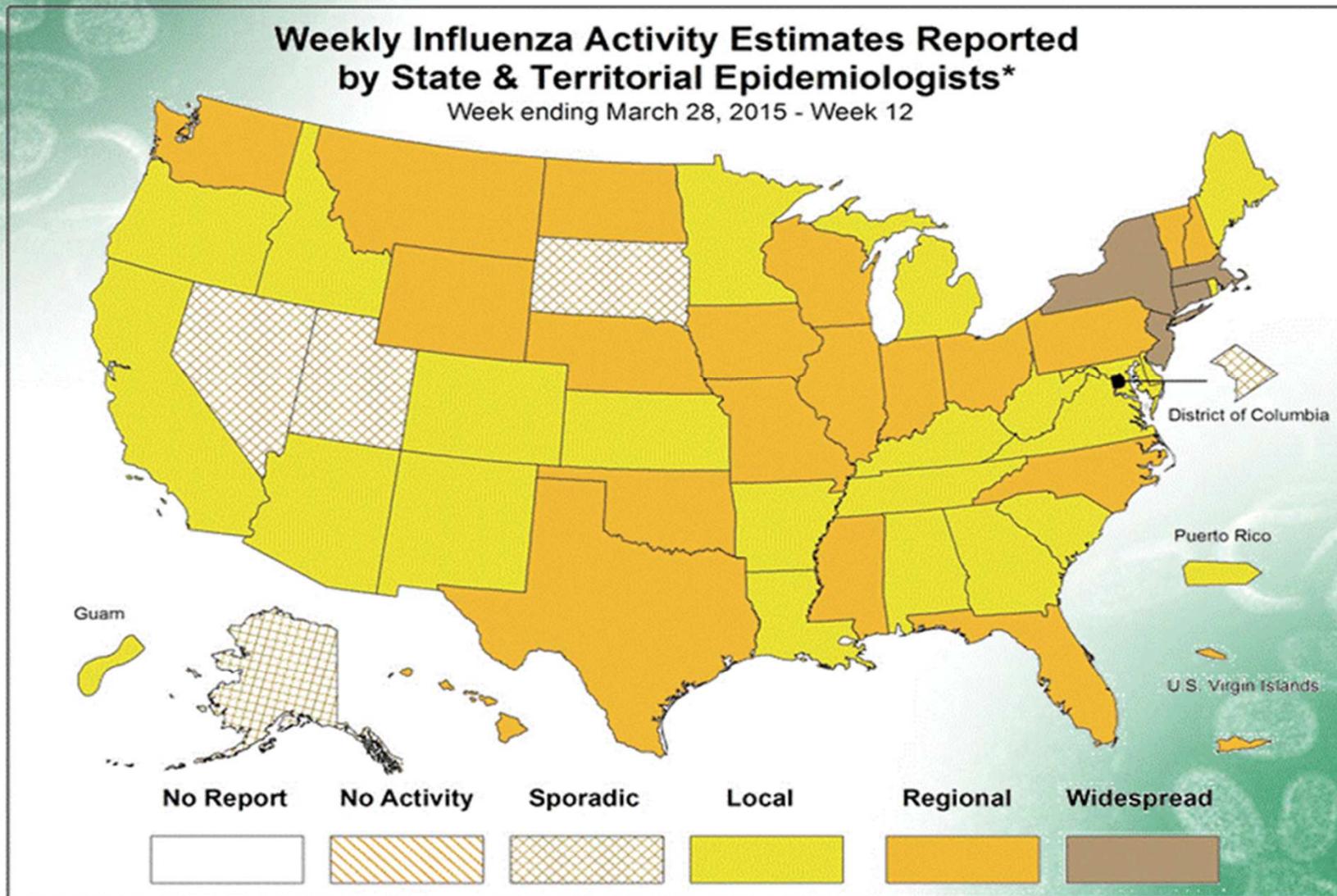
Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 5		Week 6		Week 7		Week 8		Week 9		Week 10		Week 11		Week 12	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD								
NRMC	24	87	20	65	6	22	5	35	6	24	7	18	2	6	4	7
SRMC	35	118	19	88	6	52	7	36	7	34	11	32	9	15	2	12
WRMC	5	33	4	25	4	28	1	20	0	9	3	10	0	5	0	5
ERMC	59	94	25	52	53	94	38	48	31	40	16	30	10	12	2	13
PRMC	11	55	20	69	13	33	11	31	5	21	8	16	1	10	5	5
CENTCOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Locations providing week 12 laboratory data as of 28 March 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 Lewis, Ft Meade, Ft Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Tripler, West Point.

FLUVIEW

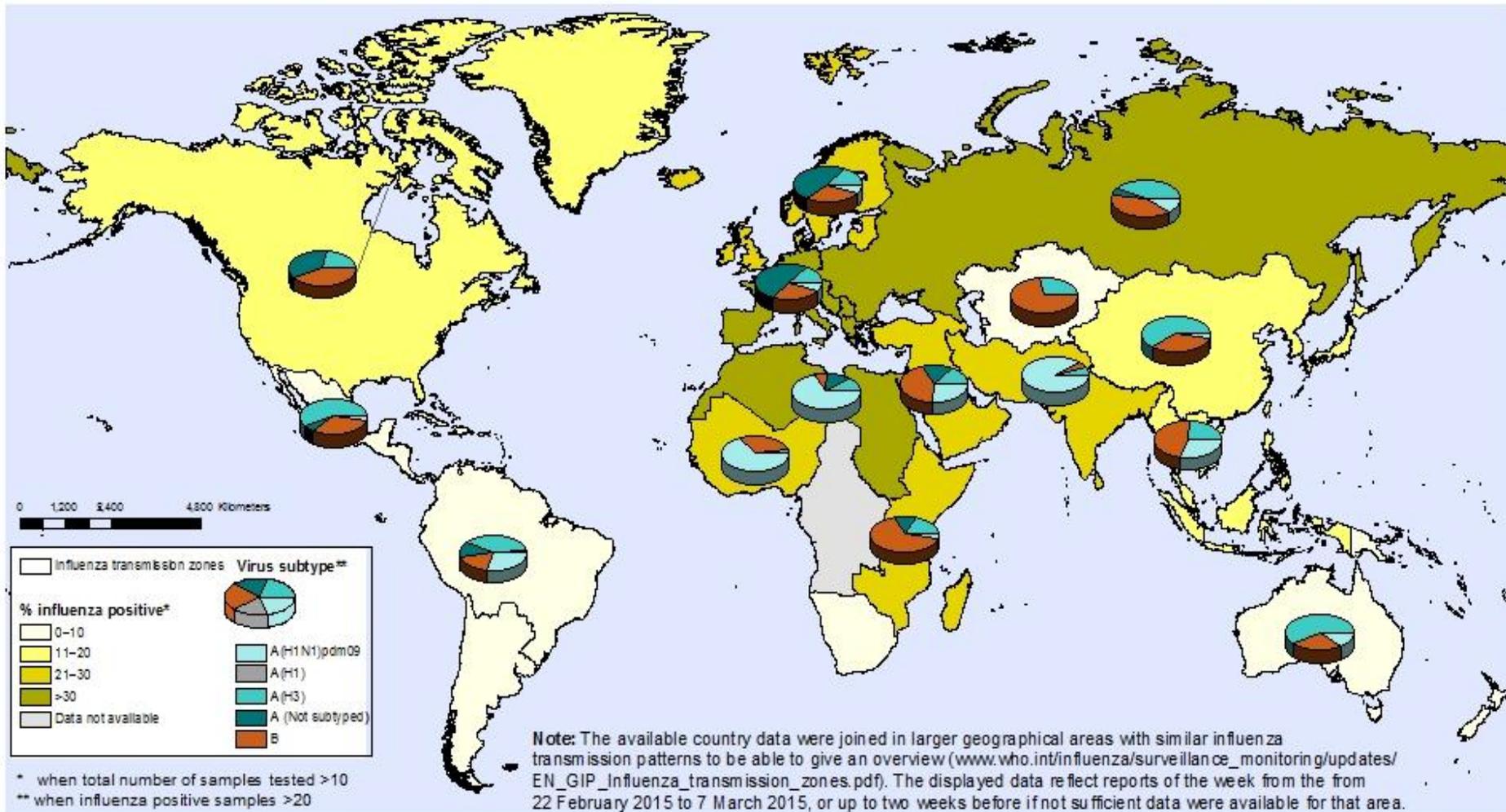
A Weekly Influenza Surveillance Report Prepared by the Influenza Division



* 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 20 March 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).



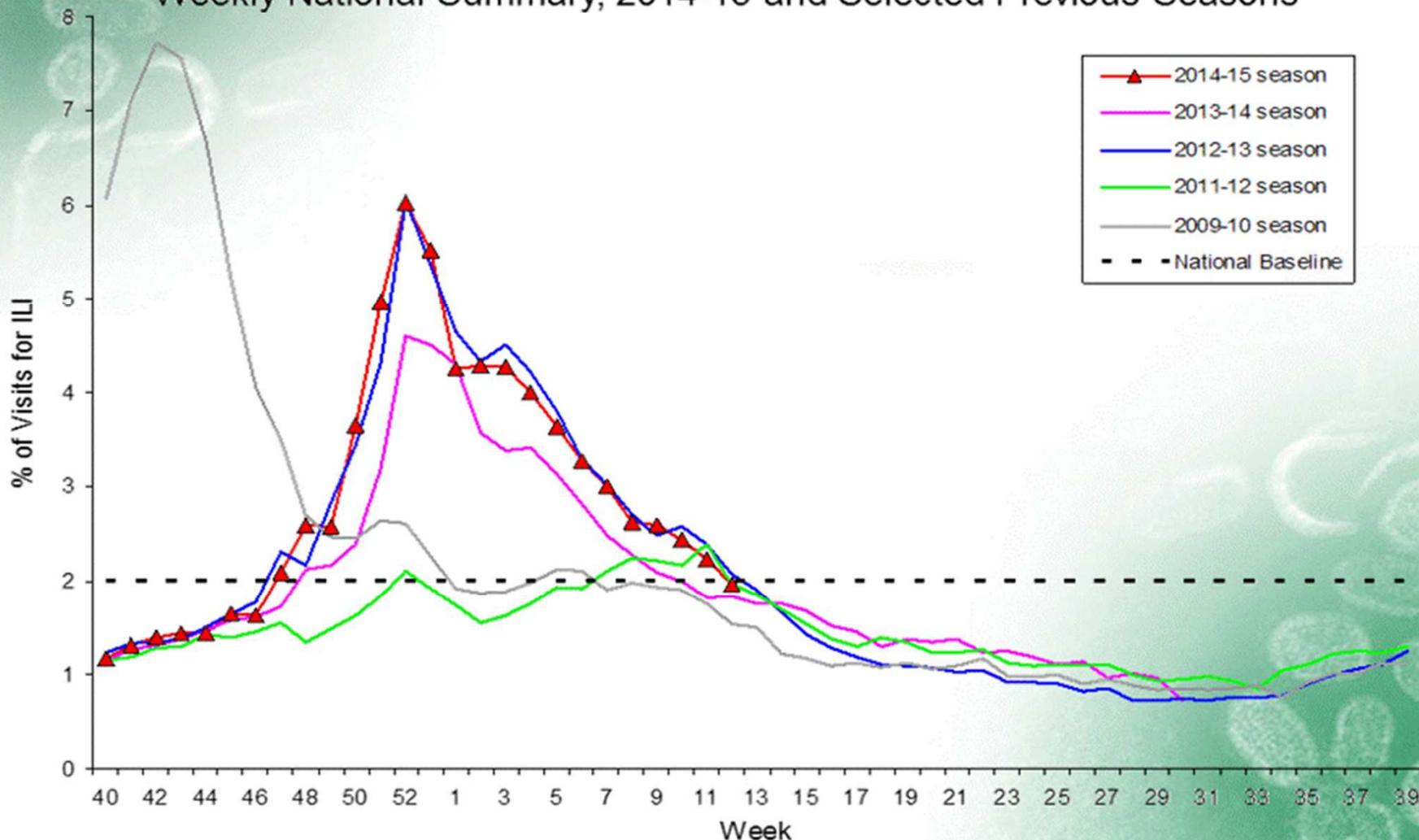
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FLUVIEW



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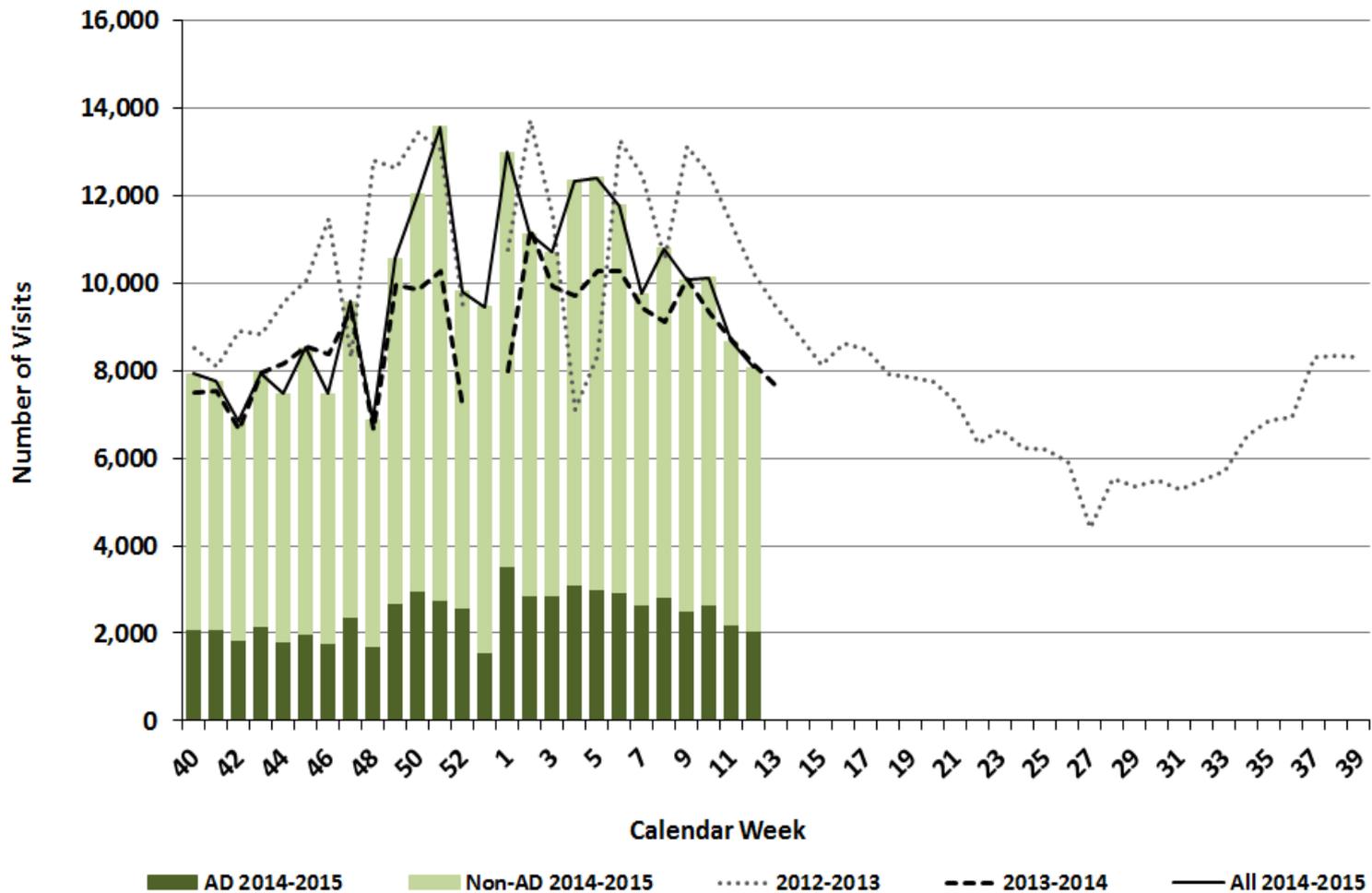
Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2014-15 and Selected Previous Seasons



*There was no week 53 in the previous influenza seasons displayed above; therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2012-2015

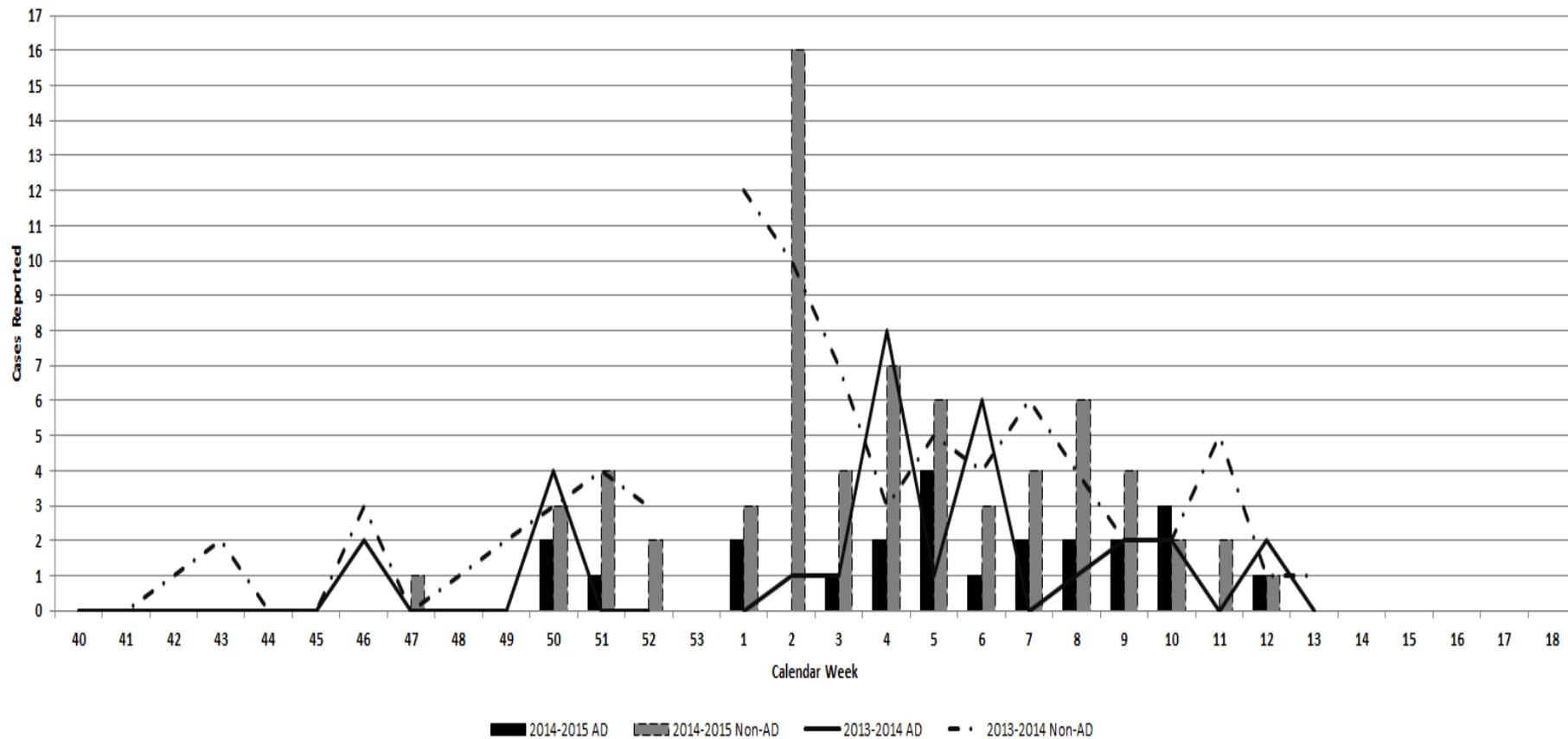


Clinic visits for ILI are obtained from ESSENCE. Data as of 2 April 2015.

Army MTF Laboratory Results, 2014-15

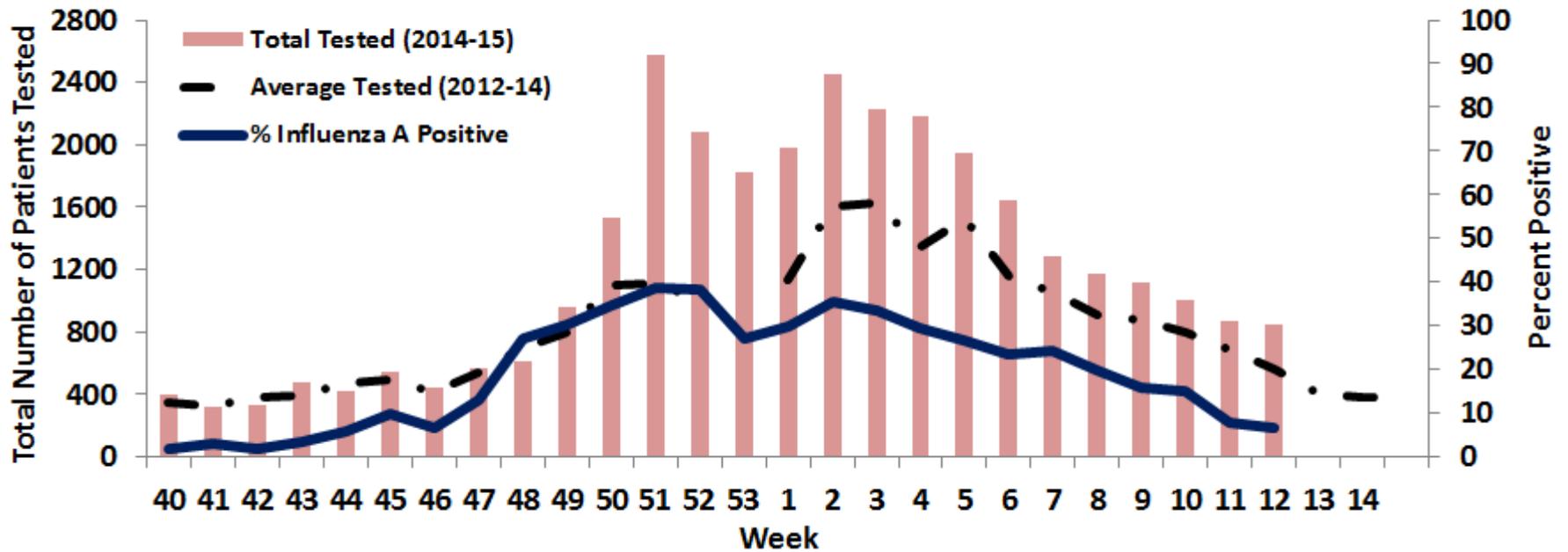
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Army Influenza Cases Reported in DRSi by Week of Symptom Onset



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 2 April 2015.

Proportion of Positive Influenza A Specimens for U.S. Army 2014-2015



Positive Respiratory Specimen Results from Army MTFs by Virus, 2014-2015 Influenza Season

