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to enlarge.

U.S. Army Influenza Activity Report

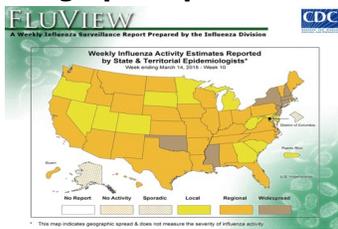
Week Ending 14 March 2015 (Week 10)

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

SYNOPSIS: Although respiratory specimen testing continues to decrease, the percent of influenza A positive specimens was stable or slightly increased across all Army medical regions except ERMC.

- **Influenza-like illness (ILI) activity:** Army incident ILI outpatient visits in week ten were 2% lower than in the previous week.
- **Influenza cases:** 11 hospitalized influenza cases were reported to USAPHC in weeks nine and ten: 5 active duty (AD) Service members (SM) and 6 non-AD beneficiaries. Six individuals were vaccinated. To date, 86 cases have been reported during this influenza season: 22 AD SM and 64 non-AD beneficiaries.
- **Viral specimens:** During week ten, 427 of 1363 (31%) laboratory specimens tested positive for respiratory pathogens; 149 of 1014 (15%) specimens tested for influenza A were positive. ERMC reported the most influenza A-positive specimens (31%), followed by SRMC (28%), NRMC (25%), PRMC (24%), WRMC (8%), and CENTCOM (0%).

Geographic Spread



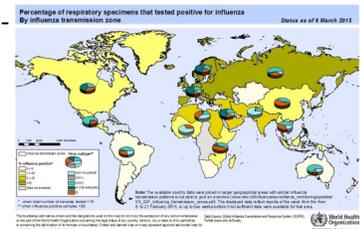
United States

- In week ten, Guam and thirty-six states reported widespread and regional influenza activity. Local and sporadic activity was reported by the District of Columbia, Puerto Rico and fourteen states. The U.S. Virgin Islands did not report.

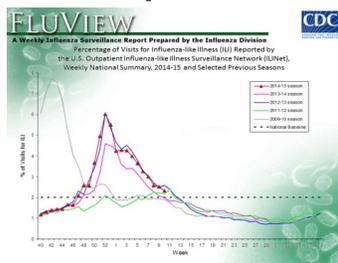
World Health Organization

- The vaccine recommendation for the 2015-2016 northern hemisphere winter season is available at the link below:

[Vaccine Recommendation](#)

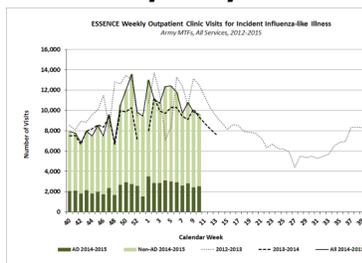


ILI Activity United States



- Nationwide during week ten, 2.3% of outpatient visits reported in ILINet were due to ILI, which is just above the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 1.2% to 4.6% across the regions reporting.

ILI Activity Army



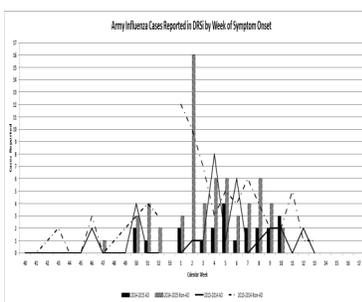
- Overall incident ILI activity continues declining, although in week ten activity was 3% higher than the same time last year.
- AD SMs continued to account for approximately 25% of incident ILI clinic visits during weeks nine and ten, which is similar to the same period in 2013-2014.

Laboratory Respiratory Specimen Testing

Army MTF Laboratory Results, 2014-15					
Test Result	Week 7	Week 8	Week 9	Week 10	Season Total
Influenza A	312	232	177	149	8124
Influenza B	85	98	197	154	1113
Adenovirus	11	14	11	15	254
Enterovirus	1	4	0	7	16
Parainfluenza	16	7	16	10	275
RSV	105	118	66	92	1477
Negative	1143	1045	1039	936	24465
Total Results	1673	1518	1506	1363	35724

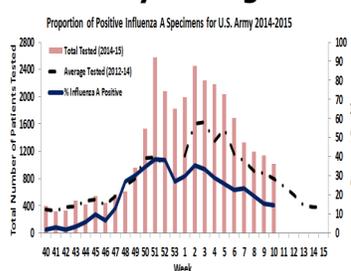
- 31% (427) of specimens tested positive during week ten.
- Influenza A accounted for 35% (149) of positive specimens.
- Influenza B accounted for 36% of positive specimens, RSV for 22%, adenovirus for 4%, and parainfluenza accounted for 2%. Seven specimens tested positive for enterovirus.

DRSi Influenza Case Reporting



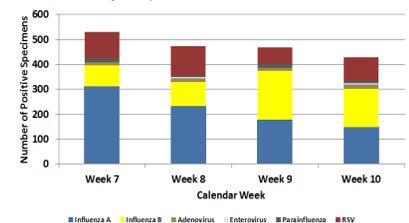
- In weeks nine and ten, 11 influenza-associated hospitalizations were reported in DRSi: 5 AD SMs (1 with no history of flu vaccination) and 6 non-AD beneficiaries, 4 of whom were unvaccinated (1 with an underlying condition). A total of 86 hospitalized influenza cases have been reported to date this season.

Laboratory Testing for Influenza A



- In week ten, 149 of 1014 (15%) specimens tested for influenza A were positive, a slight decrease from week nine where 16% of specimens tested positive for influenza A. 104 (70%) of the positive influenza A specimens were from non-AD beneficiaries.
- ERMC reported 46 (31%) of the total influenza A positive specimens. SRMC reported 42 (28%) positive influenza A specimens, NRMC reported 25 (17%), PRMC reported 24 (16%), WRMC reported 12 (8%), 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

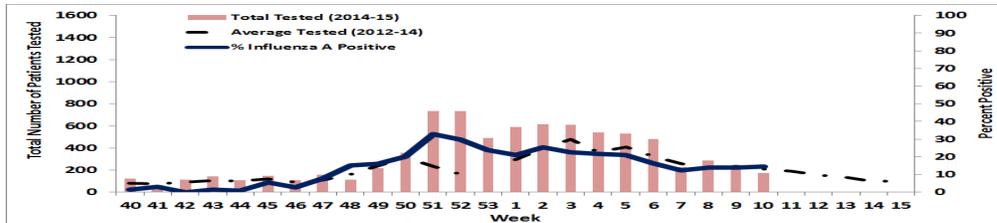
Questions?

Email USAPHC-DEP
410-417-3774

U.S. Army Influenza Activity Report

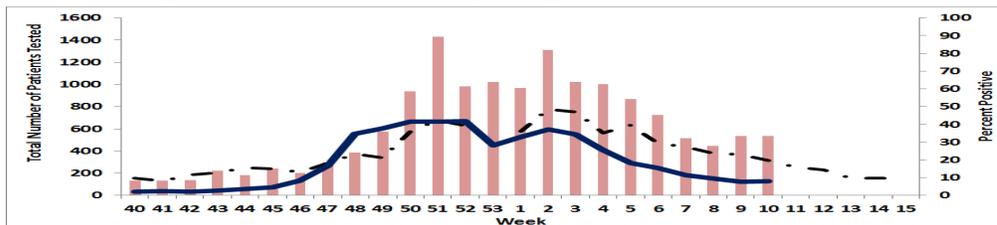
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

Northern Regional Medical Command (NRMC)



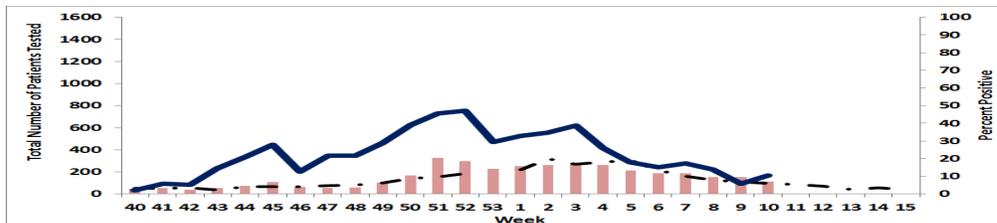
Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	9	816
18-29	4	4	249
30-39	2	2	164
40-49	1	0	130
50-59	0	1	86
60+	0	2	134
Total	7	18	1579

Southern Regional Medical Command (SRMC)



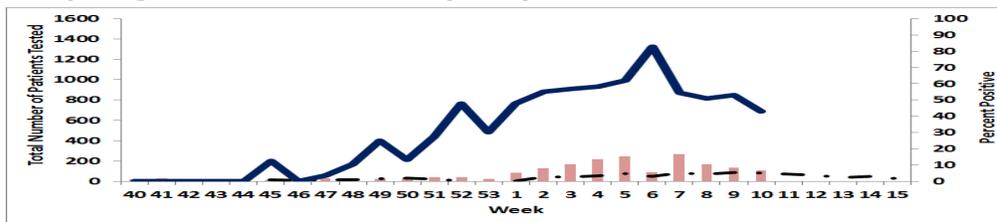
Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	17	2083
18-29	6	3	681
30-39	4	1	453
40-49	1	1	277
50-59	0	5	216
60+	0	4	293
Total	11	31	4003

Western Regional Medical Command (WRMC)



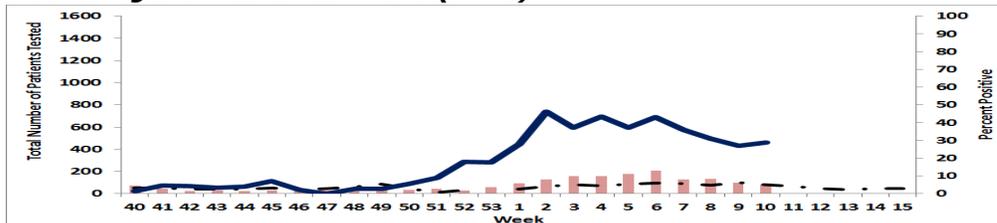
Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	7	654
18-29	1	1	125
30-39	0	0	92
40-49	1	0	46
50-59	1	1	38
60+	0	0	76
Total	3	9	1031

Europe Regional Medical Command (ERMC)



Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	13	360
18-29	6	5	244
30-39	9	6	227
40-49	1	3	90
50-59	0	1	30
60+	0	2	21
Total	16	30	972

Pacific Regional Medical Command (PRMC)



Week 10			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	11	248
18-29	3	0	120
30-39	1	1	75
40-49	4	2	40
50-59	0	0	19
60+	0	2	34
Total	8	16	536

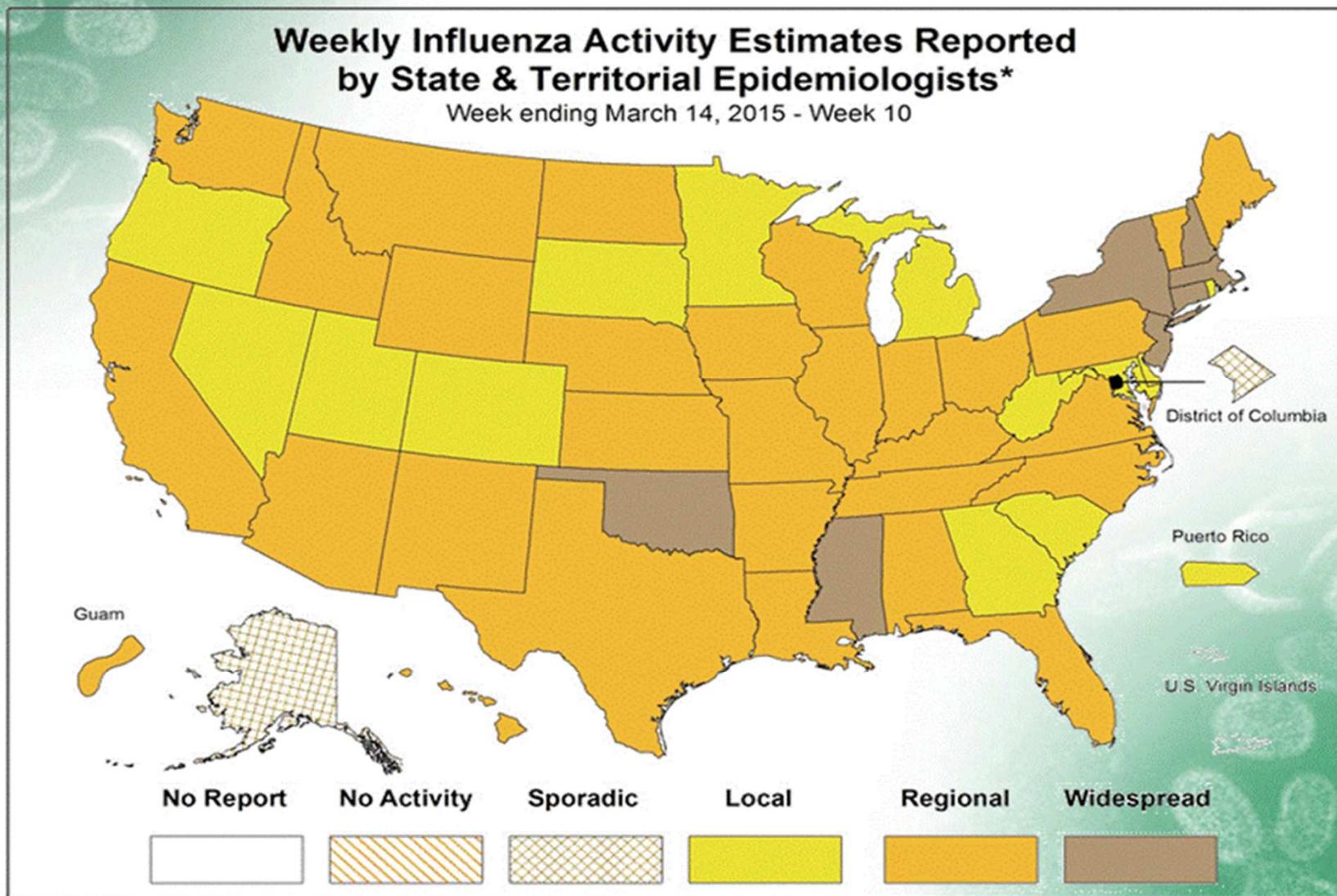
Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 10	
	AD	Non-AD	AD	Non-AD												
NRMC	25	113	23	95	24	87	19	59	6	22	5	35	6	24	7	18
SRMC	80	272	57	201	36	123	19	93	6	53	7	36	7	34	11	31
WRMC	13	94	16	52	5	33	4	25	4	28	1	20	0	9	3	9
ERMC	27	69	38	88	59	94	25	52	53	94	38	48	31	40	16	30
PRMC	21	37	16	52	11	55	20	69	13	33	11	31	5	21	8	16
CENTCOM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Locations providing week 10 laboratory data as of 19 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 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.

FLUVIEW

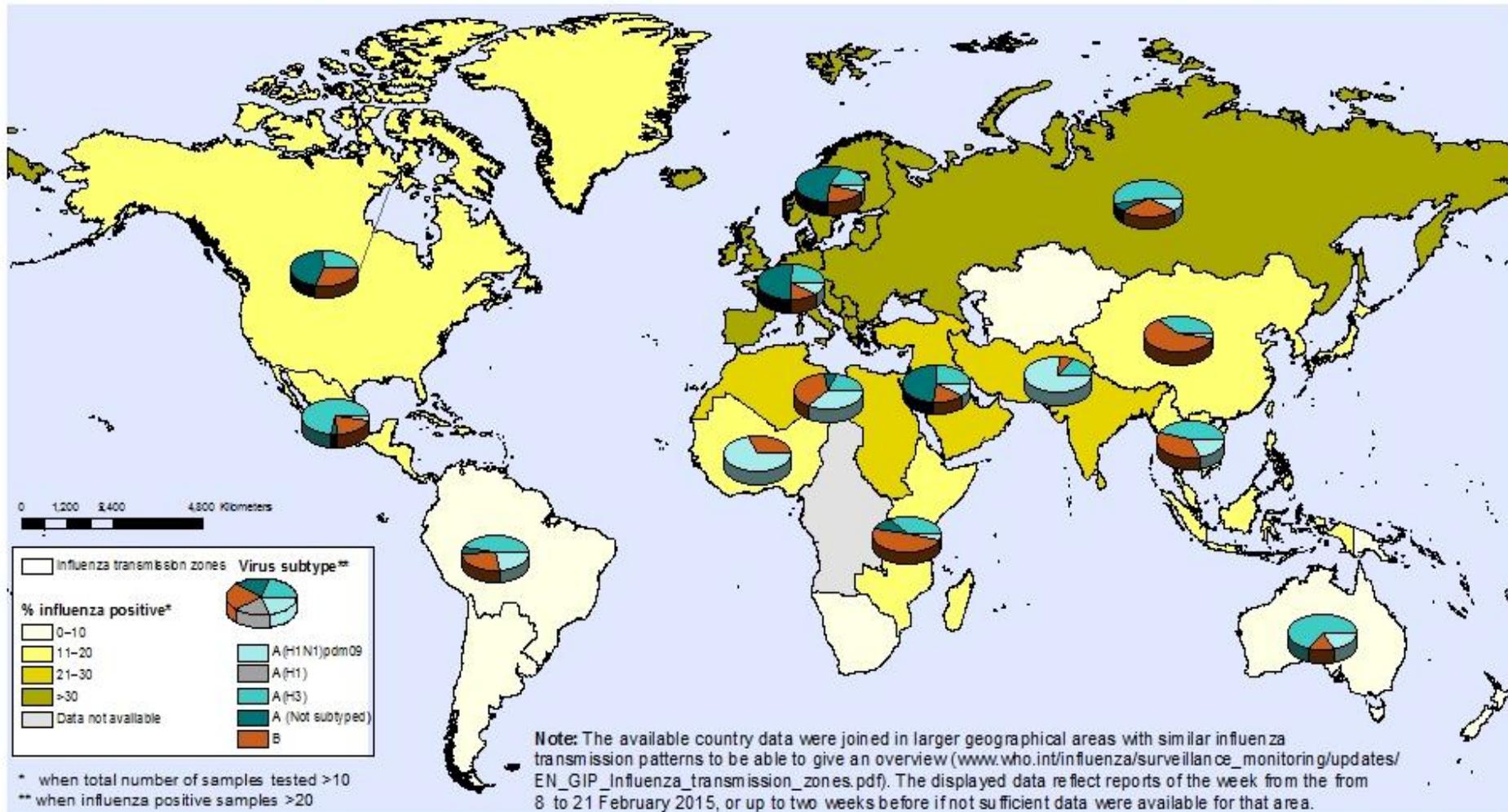
A Weekly Influenza Surveillance Report Prepared by the Influenza Division



* 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 6 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).



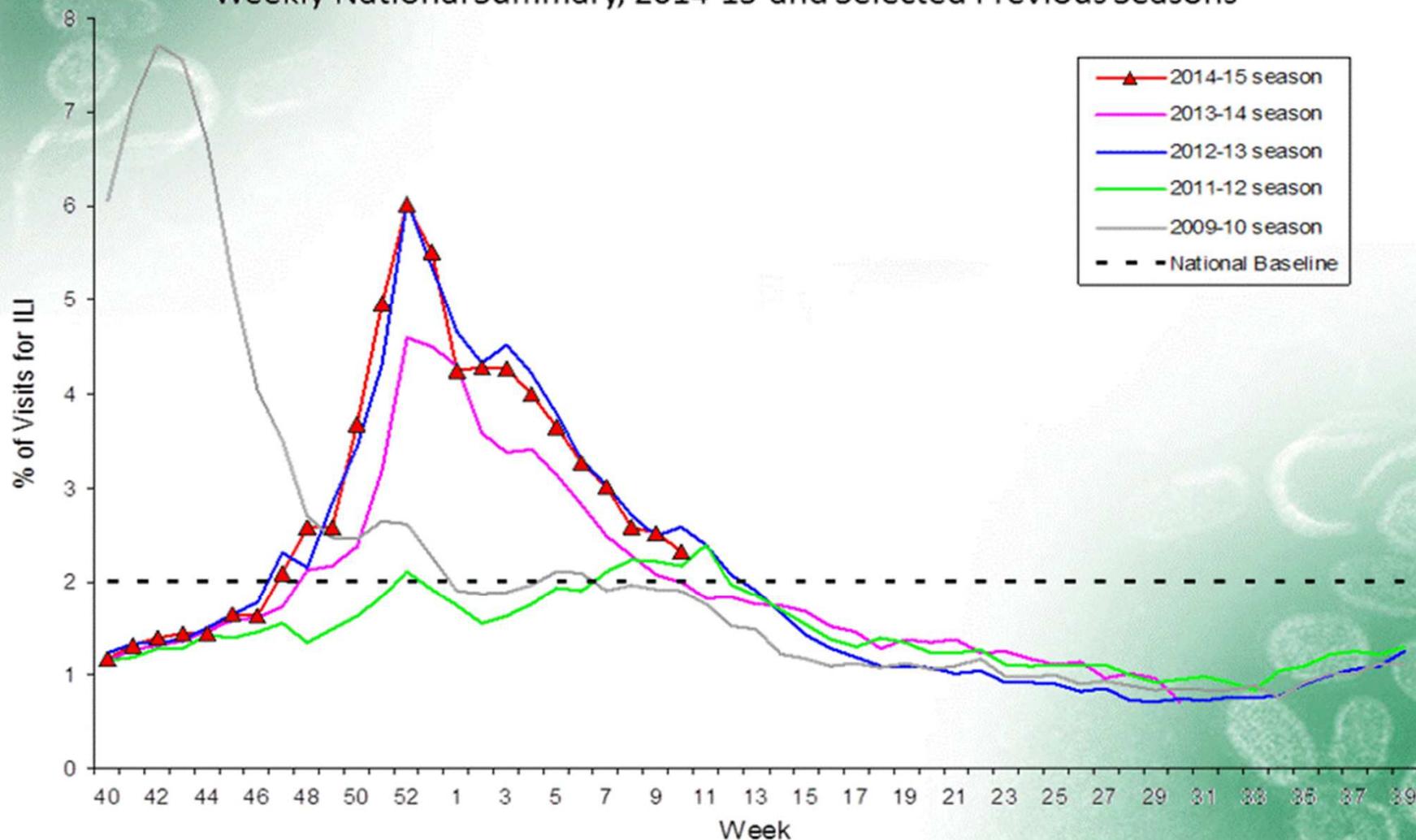
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FLUVIEW



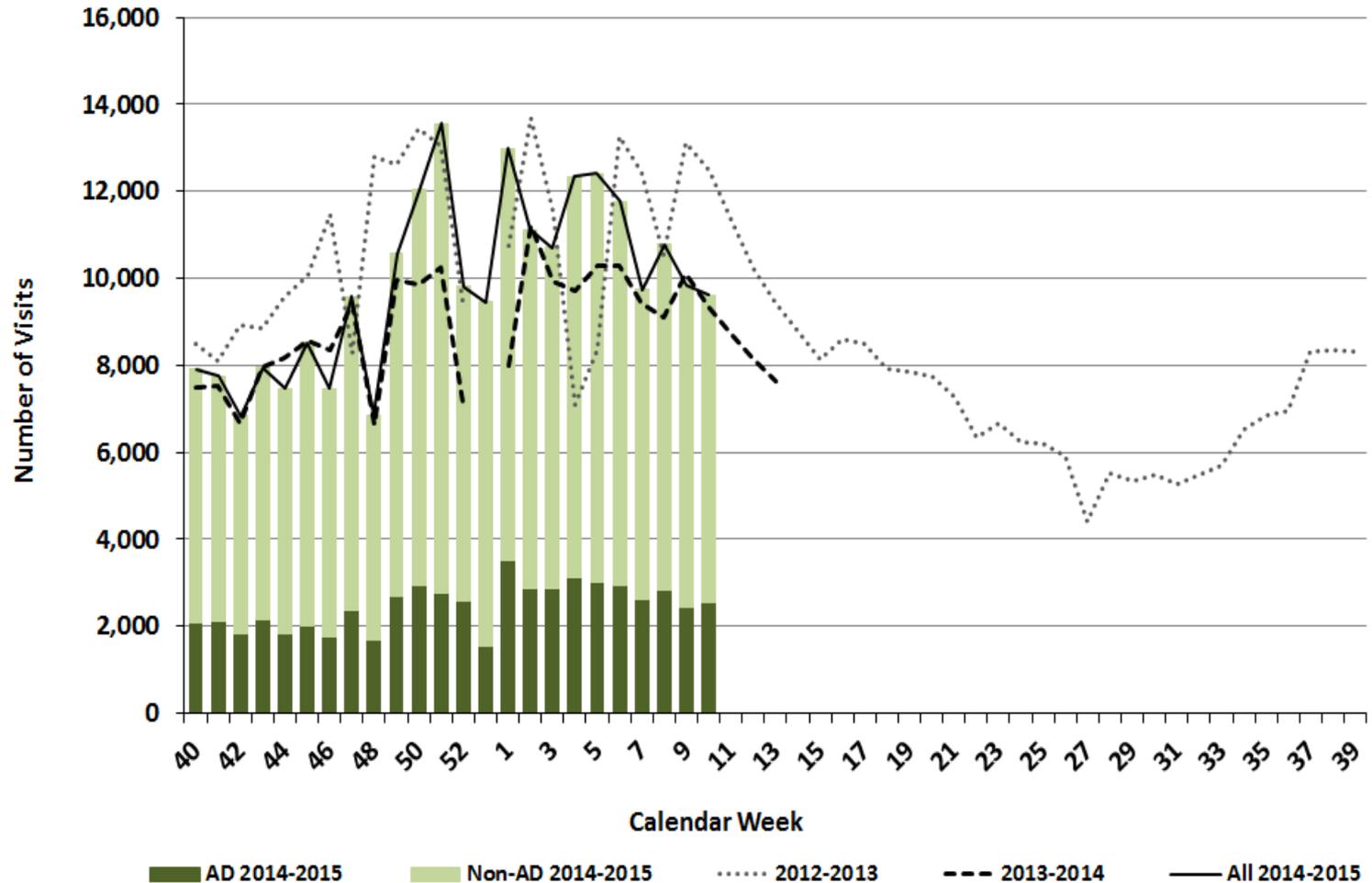
A Weekly Influenza Surveillance Report Prepared by the Influenza Division

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



ESSENCE Weekly Outpatient Clinic Visits for Incident Influenza-like Illness

Army MTFs, All Services, 2012-2015

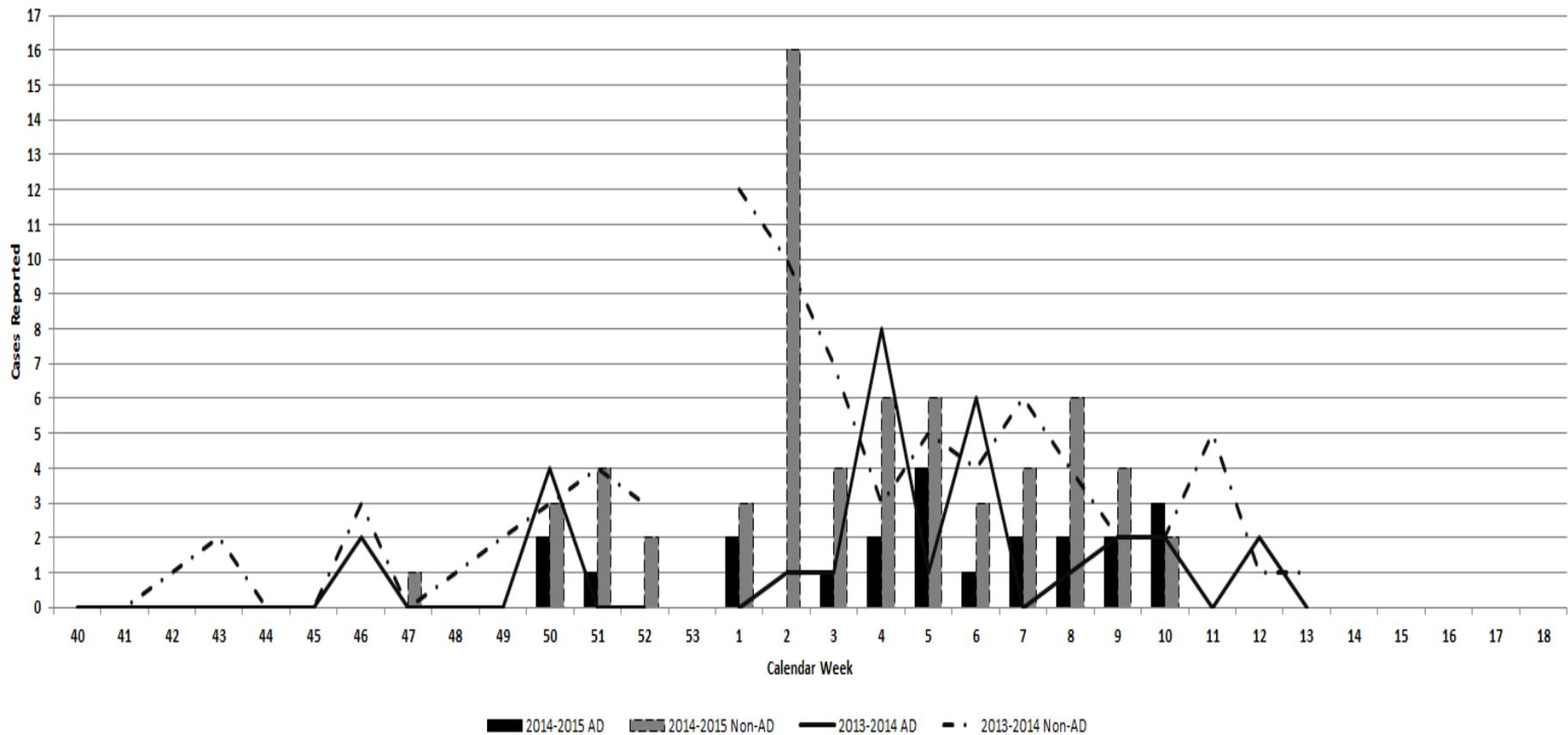


Clinic visits for ILI are obtained from ESSENCE. Data as of 19 March 2015.

Army MTF Laboratory Results, 2014-15

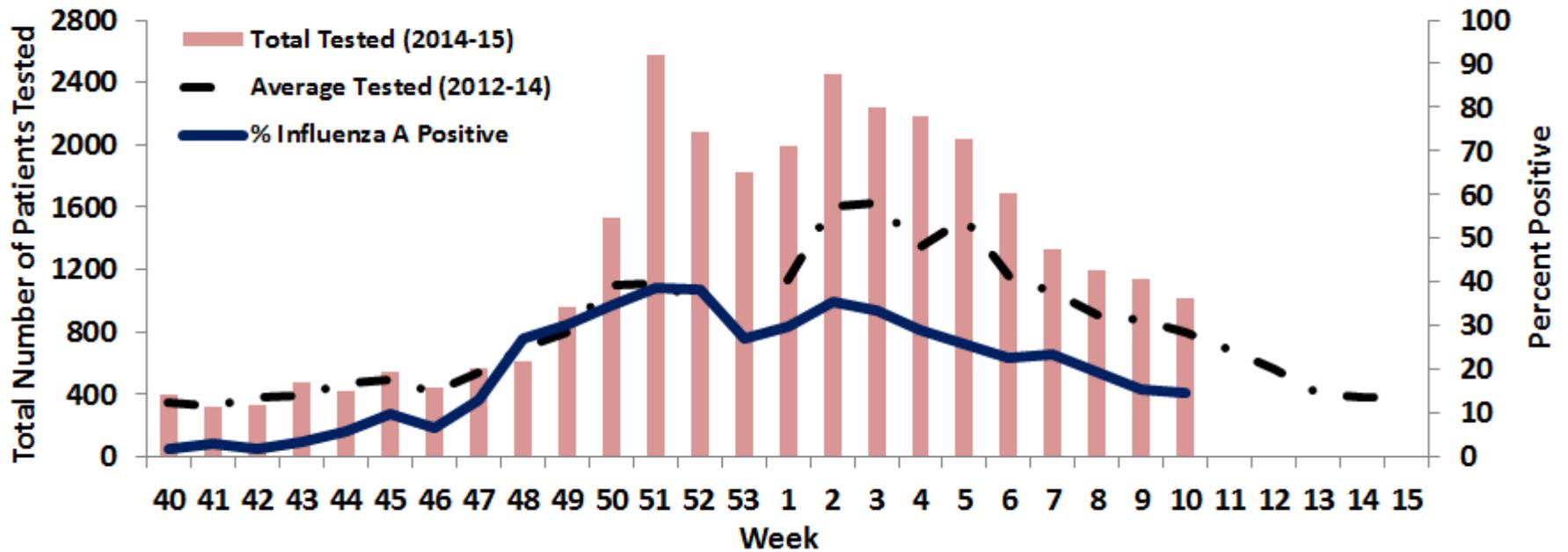
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Total Results	1673	1518	1506	1363	35724

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 19 March 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

