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## U.S. Army Influenza Activity Report

Week Ending 07 February 2015 (Week 05)

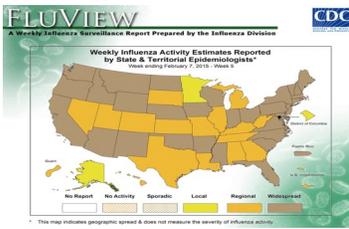
### 2014-2015 Seasonal Influenza Vaccination Coverage As of 28 JAN 2015

94%	DOD
97%	Army Active Duty
91%	Army Guard
81%	Army Reserve

**SYNOPSIS:** Overall, the percentage of specimens testing positive for influenza has decreased each week for the last four weeks. The number of specimens submitted for testing also declined each week.

- **Influenza-like illness (ILI) activity:** Army incident ILI outpatient visits in week five were 5% higher than for the same week last year.
- **Influenza cases:** 10 hospitalized influenza cases were reported to USAPHC in week five; 4 in Active Duty (AD) service members (SM) and 6 in non-AD beneficiaries. 5 of the cases were vaccinated. To date, 57 cases have been reported during this influenza season: 12 AD SM and 45 non-AD beneficiaries.
- **Viral specimens:** During week five, 735 of 2424 (30%) laboratory specimens tested positive for respiratory pathogens; 498 of 2025 (25%) specimens tested for influenza A were positive. SRMC and ERMC reported the most influenza A-positive specimens (both at 31%), followed by NRMC (18%), PRMC (13%), WRMC (8%), and CENTCOM (0%).

### Geographic Spread

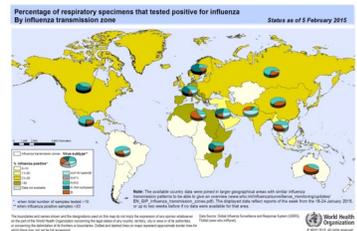


### United States

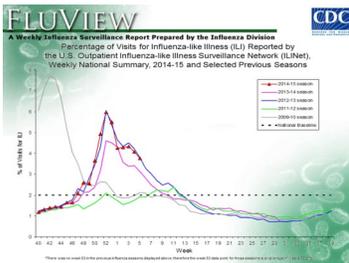
- In week five, Puerto Rico, Guam, the US Virgin Islands and forty-eight states reported widespread and regional influenza activity. Local activity was reported by the District of Columbia, and two states (AK, MN).

### World Health Organization

- In Europe, the influenza season is well under way, particularly in western and central countries in the WHO European Region. Influenza A (H3N2) was the dominant virus detected this season.

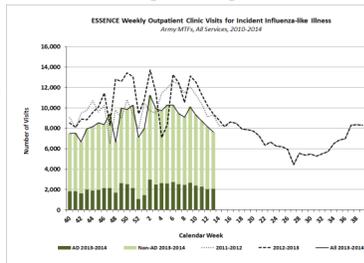


### ILI Activity United States



- Nationwide during week five, 3.8% of outpatient visits reported in ILINet were due to ILI, which is above the national baseline of 2.0%.
- The percentage of ILI outpatient visits ranged from 1.9% to 6.4% across the regions reporting.

### ILI Activity Army



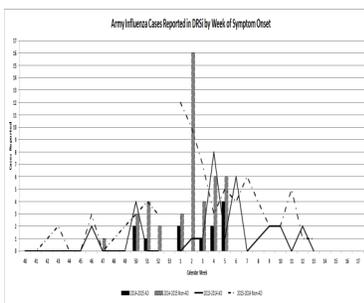
- During week five, incident ILI activity was 5% higher than the same time last year and 29% higher than week five in 2012-2013.
- AD SMs accounted for 25% of incident ILI clinic visits during week five; in 2013-2014, AD SMs comprised 25% of ILI clinic visits on average during week five.

### Laboratory Respiratory Specimen Testing

Test Result	Week 2	Week 3	Week 4	Week 5	Season Total
Influenza A	850	739	625	498	6740
Influenza B	65	74	64	67	445
Adenovirus	12	6	21	21	190
Enterovirus	0	0	0	0	4
Parainfluenza	9	16	16	22	208
RSV	83	88	100	127	986
Negative	1753	1707	1784	1689	18842
Total Results	2772	2630	2610	2424	27415

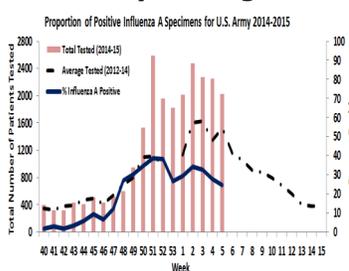
- 30% (735) of specimens tested positive during week five.
- Influenza A accounted for 68% (498) of positive specimens.
- RSV accounted for 17% of positive specimens, influenza B for 9%, and both parainfluenza and adenovirus accounted for 3%. No specimens tested positive for enterovirus.

### DRSi Influenza Case Reporting



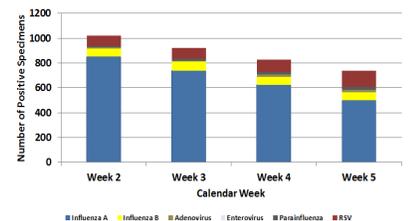
- In week five, 10 influenza-associated hospitalizations were reported in DRSi; 4 AD SM (all were vaccinated, and 6 non-AD beneficiaries, 1 of whom was vaccinated).
- A total of 57 hospitalized influenza cases have been reported to date this season; 73 had been reported by this point last season.

### Laboratory Testing for Influenza A



- In week five, 498 of 2025 (25%) specimens tested for influenza A were positive, a decrease from week four where 28% of specimens tested positive for influenza A. 364 (73%) of the positive influenza A specimens were from non-AD beneficiaries.
- SRMC and ERMC labs both reported 153 (31%) of the total influenza A positive specimens. NRMC reported 88 (18%) positive influenza A specimens, PRMC reported 66 (13%), WRMC reported 38 (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

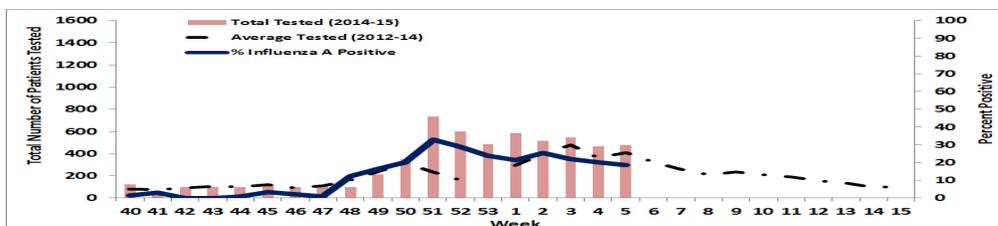
### Questions?

Email [USAPHC-DEP](mailto:USAPHC-DEP)  
410-417-3774

# U.S. Army Influenza Activity Report

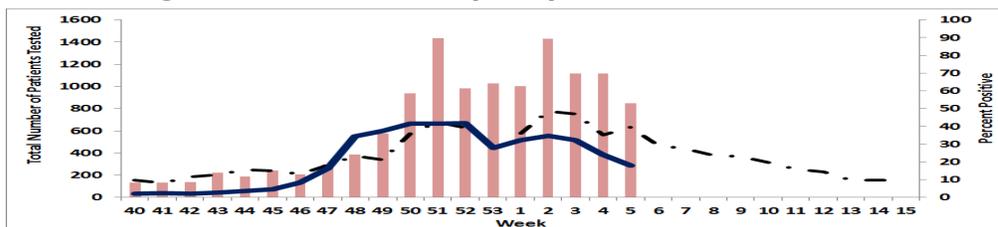
Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2014-2015 as Compared to 2013-2014

## Northern Regional Medical Command (NRMC)



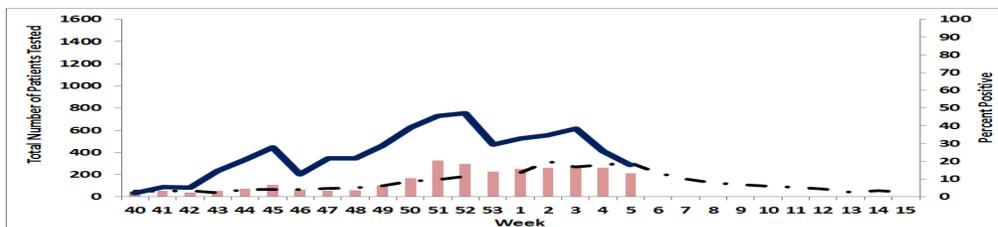
Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	48	614
18-29	10	6	199
30-39	8	3	126
40-49	3	1	102
50-59	2	2	61
60+	0	5	118
<b>Total</b>	<b>23</b>	<b>65</b>	<b>1220</b>

## Southern Regional Medical Command (SRMC)



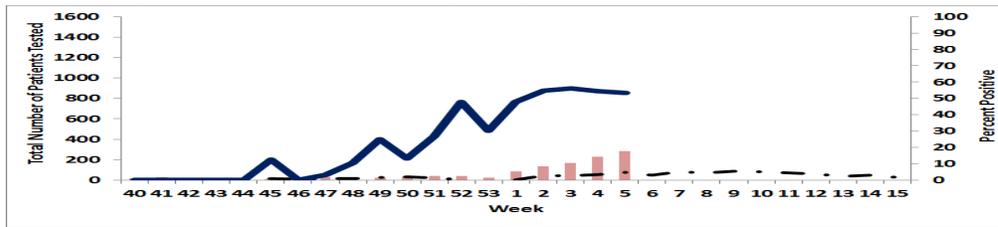
Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	75	1949
18-29	18	10	632
30-39	13	5	424
40-49	4	6	264
50-59	1	6	198
60+	0	15	265
<b>Total</b>	<b>36</b>	<b>117</b>	<b>3732</b>

## Western Regional Medical Command (WRMC)



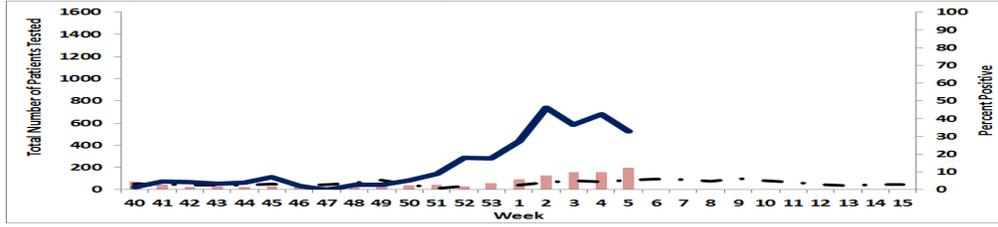
Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	25	589
18-29	1	5	114
30-39	4	2	86
40-49	0	1	40
50-59	0	0	33
60+	0	0	69
<b>Total</b>	<b>5</b>	<b>33</b>	<b>931</b>

## Europe Regional Medical Command (ERMC)



Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	64	220
18-29	20	10	130
30-39	24	11	117
40-49	13	4	51
50-59	1	3	17
60+	1	2	10
<b>Total</b>	<b>59</b>	<b>94</b>	<b>545</b>

## Pacific Regional Medical Command (PRMC)



Week 5			
Age Group	AD	Non-AD Ben	Season Total
< 18	0	39	131
18-29	6	4	79
30-39	3	4	47
40-49	2	1	22
50-59	0	2	12
60+	0	5	18
<b>Total</b>	<b>11</b>	<b>55</b>	<b>309</b>

Number of Positive Influenza A Specimens by Duty Status and Region

Region	Week 51		Week 52		Week 53		Week 1		Week 2		Week 3		Week 4		Week 5	
	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD	AD	Non-AD
NRMC	44	197	28	145	23	93	35	89	35	96	23	97	23	71	23	65
SRMC	76	519	52	360	35	253	105	217	128	367	82	276	58	210	36	117
WRMC	19	129	14	126	4	63	18	64	16	75	13	94	16	52	5	33
ERMC	4	7	13	8	3	4	15	27	38	35	27	69	38	88	59	94
PRMC	1	3	0	5	3	7	9	17	21	38	21	37	16	52	11	55
CENTCOM	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0

**Locations providing week 5 laboratory data as of 11 January 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 Polk, Ft Riley, Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.