

U.S. Army Influenza Activity Report

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Week Ending 4 February 2012 (Week 5)

All data are preliminary and may change as more reports are received.

2011-2012 Seasonal Influenza Vaccination Coverage As of 07 FEB 2012

95%	DOD
97%	Army Active Duty
92%	Army Guard
80%	Army Reserve

SYNOPSIS: Influenza activity appears to be increasing, although overall activity this season is lower than the 2010-2011 season.

- **Viral specimens:** Of 231 specimens submitted during week five of 2012, 4% were positive for influenza A.
- **Influenza case reports:** 6 new influenza cases were reported in DRSi during week five of 2012. 82 influenza cases have been reported throughout the 2011-2012 season; 11 cases were hospitalized; there have been no fatalities.
- **Outpatient ILI surveillance:** ILI activity within ESSENCE indicates both AD and beneficiary visits remain lower this year than last year.
- **Army MEDCEN & reporting trend:** The proportion of influenza positive tests for week five decreased.

Geographic Influenza Spread

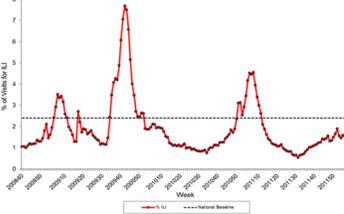


United States:

- No states reported widespread influenza activity.
- Six states reported regional activity (California, Colorado, Kentucky, Missouri, New Hampshire, & Virginia).
- The remaining states and territories reported sporadic cases or no influenza.

ILI Activity United States

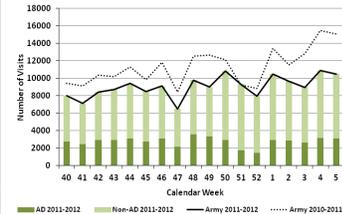
Percentage of Visits for influenza-like illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, September 28, 2008 – January 28, 2012



- During week four (2012), 1.5% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

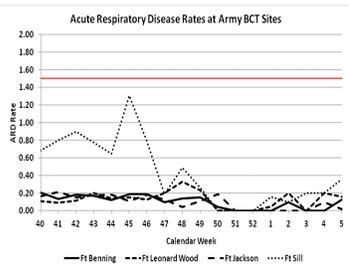
ILI Activity Army

Weekly Outpatient Clinic Visits for Incident Influenza-like Illness All Army MTFs, All Beneficiaries, 2010-2012



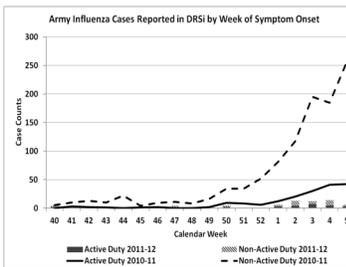
- Army ILI outpatient visits were 27% lower during the last four weeks of the 2011-2012 season compared to last year.
- Week five visit counts are slightly lower in comparison to the previous week.

Acute Respiratory Disease Surveillance



- ARD rates remain low at all BCT sites.
- Full adenovirus vaccine coverage has been achieved at the sites.
- ARD rates should not be compared between sites due to variations in data collection. The rates reflect temporal changes at each site.

DRSi Influenza Case Reporting

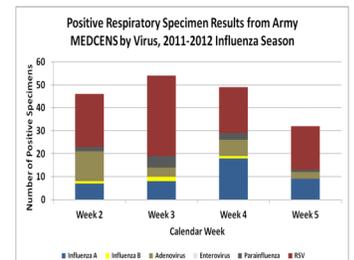


- 82 cases of influenza have been reported in the 2011-2012 season.
- Thirty (37%) were among active duty Soldiers and 52 (63%) were among dependents.
- Eleven (13%) cases required hospitalization; 3 were active duty Soldiers and 8 were dependents.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 2	Week 3	Week 4	Week 5	Total
Influenza A	7	8	18	9	42
Influenza B	1	2	1	0	4
Adenovirus	13	4	7	3	27
Enterovirus	0	0	0	0	0
Parainfluenza	2	5	3	1	11
RSV	23	35	20	19	97
Negative	243	291	275	199	1008
Total Results	289	345	324	231	1189

- In the last 4 weeks, 181 (15%) of the 1,189 samples submitted were positive for a respiratory disease organism.
- Of positive samples, 54% were identified as RSV.
- Parainfluenza and adenovirus accounted for 6% and 15% of all positive samples, respectively.
- Eight MEDCENs submitted reports for week five (2012).



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

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>