

U.S. Army Influenza Activity Report

Click on images to enlarge.

Week Ending 25 February 2012 (Week 8)

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

2011-2012 Seasonal Influenza Vaccination Coverage

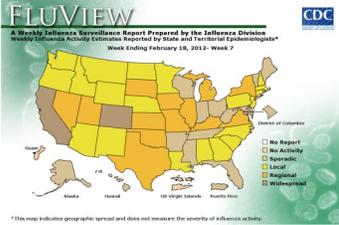
As of 28 FEB 2012

96%	DOD
97%	Army Active Duty
92%	Army Guard
82%	Army Reserve

SYNOPSIS: Influenza activity continues increasing but overall activity remains lower than last year.

- **Viral specimens:** During week eight, 185 specimens were submitted for testing, of which 29 were positive. Influenza A was identified in 15 (52%) of these positive samples.
- **Influenza cases:** 184 influenza cases have been reported in DRSI through week eight of the 2011-2012 season. Twenty-eight were reported with onset dates in week 8.
- **Outpatient ILI surveillance:** ILI activity within ESSENCE indicates both AD and beneficiary visits remains lower this year than for the same period last year.
- **Army MEDCEN & reporting trend:** RSV and Influenza A were the most commonly identified respiratory pathogens, accounting for 53% and 32% of positive specimens, respectively.

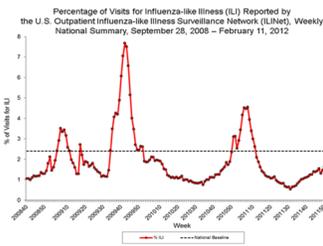
Geographic Spread



United States

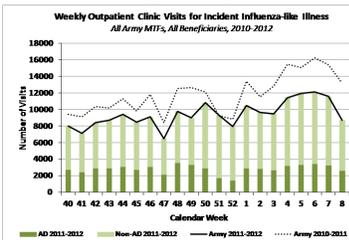
- Widespread influenza activity was reported in California and Colorado.
- Thirteen states reported regional activity (IL, IA, KS, KY, MI, MO, NV, NY, OK, SD, TX, UT, and VA).
- Local influenza activity was reported by 20 states (AL, AZ, CT, GA, ID, LA, MA, MN, MT, NE, NH, NJ, NM, NC, ND, OR, PA, SC, WA, WY).
- The remaining states and territories reported sporadic cases or no influenza.

ILI Activity United States



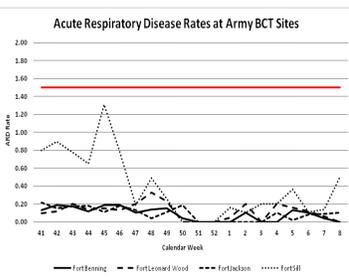
- For week seven (2012), 1.9% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

ILI Activity Army



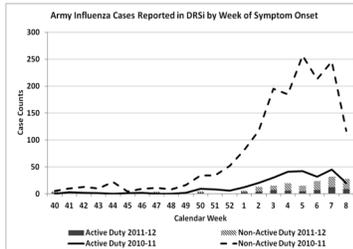
- Over the last four weeks, Army ILI outpatient visits were 26% lower than during the same time period of the 2010-2011 influenza season.
- Visit counts decreased 25% compared to the previous week; this mirrors the trend observed last year at this time.

Acute Respiratory Disease Surveillance



- ARD rates remain low at all BCT sites.
- Full adenovirus vaccine coverage has been achieved at the sites.
- ARDS 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

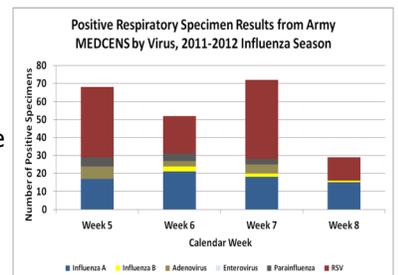


- 184 cases (28 with onset dates in week 8) have been reported in the 2011-2012 season.
- Sixty-one (33%) cases were among active duty Soldiers and 123 (67%) were among dependents.
- Eighteen (10%) cases required hospitalization.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 5	Week 6	Week 7	Week 8	Total
Influenza A	17	21	18	15	71
Influenza B	0	3	2	1	6
Adenovirus	7	3	5	0	15
Enterovirus	0	0	0	0	0
Parainfluenza	5	4	3	0	12
RSV	39	21	44	13	117
Negative	335	397	319	156	1207
Total Results	403	449	391	185	1428

- In the last 4 weeks, 221 (15%) of the 1,428 samples submitted were positive for a respiratory disease organism.
- Of positive samples, 53% were identified as RSV over the last four weeks.
- Parainfluenza and adenovirus accounted for 5% and 7% of all positive samples, respectively.
- Influenza A accounted for 32% of positive specimens in the last four weeks and 52% of positive samples in week eight.
- Seven MEDCENs submitted reports for week eight (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>