

U.S. Army Influenza Activity Report

Week Ending 10 March 2012 (Week 10)

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

Click on images to enlarge.

2011-2012 Seasonal Influenza Vaccination Coverage

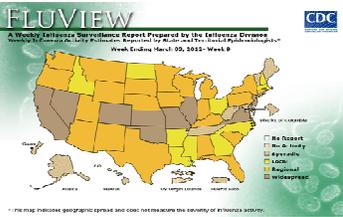
As of 13 MAR 2012

96%	DOD
97%	Army Active Duty
92%	Army Guard
83%	Army Reserve

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

- **Viral specimens:** During week ten, 145 specimens were submitted for testing, of which 43 were positive for respiratory disease. Influenza A was identified in 27 (63%) of these positive samples.
- **Influenza cases:** 345 influenza cases have been reported in DRSI through week ten of the 2011-2012 season. Seventy-four were reported with onset dates in week 10.
- **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 within the previous 4 weeks, accounting for 42% and 43% of positive specimens, respectively.

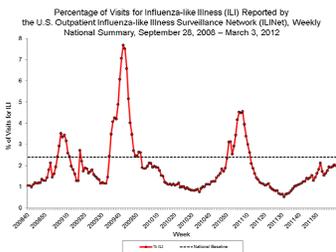
Geographic Spread



United States

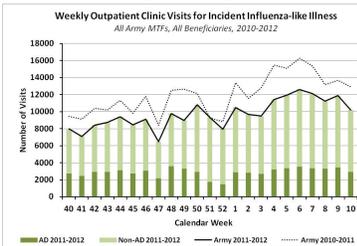
- Widespread influenza activity was reported by nine states (CA, CO, IL, KS, MO, NV, NJ, OK, VA).
- Twenty-two states reported regional activity (AL, AZ, CT, FL, ID, IA, KY, MI, MN, MT, NE, NM, NY, OR, PA, SC, SD, TX, UT, WA, WI, and WY).
- Local influenza activity was reported by 11 states (AR, GA, ID, LA, MA, MS, NH, NC, ND, OH, and RI).
- The remaining states and territories reported sporadic cases or no influenza.

ILI Activity United States



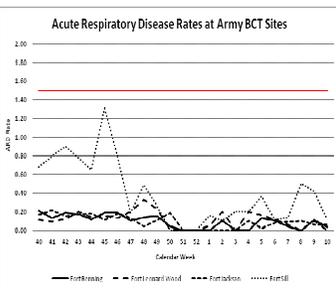
- For week eight (2012), 2.0% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

ILI Activity Army



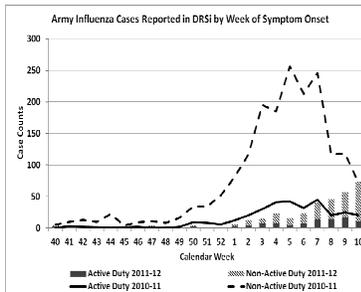
- Over the last four weeks, Army ILI outpatient visits were 18% lower than during the same time period of the 2010-2011 influenza season.
- Visit counts decreased 14% compared to the previous week; this mirrors the trend observed last year at this time.

Acute Respiratory Disease Surveillance



- ARD rates are lower for all BCT sites for 2012 weeks 1-10 vs. 2011 weeks 1-10.
- 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

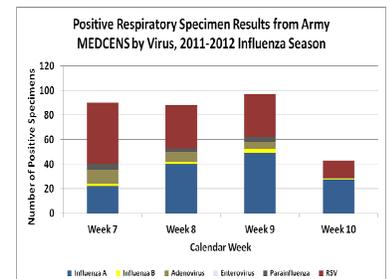


- 345 cases (74 with onset dates in week 10) have been reported in the 2011-2012 season.
- Ninety-six (28%) cases were among active duty Soldiers and 249 (72%) were among dependents.
- Twenty-seven (8%) cases required hospitalization.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 7	Week 8	Week 9	Week 10	Total
Influenza A	22	40	49	27	138
Influenza B	2	2	3	1	8
Adenovirus	11	8	6	1	26
Enterovirus	0	0	0	0	0
Parainfluenza	5	3	4	0	12
RSV	50	35	35	14	134
Negative	405	346	371	145	1267
Total Results	495	434	468	188	1585

- In the last 4 weeks, 318 (25%) of the 1,267 samples submitted were positive for a respiratory disease organism.
- Of positive samples from the last four weeks, 42% were identified as RSV.
- Parainfluenza and adenovirus accounted for 4% and 8% of all positive samples in the last four weeks, respectively.
- Influenza A accounted for 43% of positive specimens in the last four weeks and 63% of positive samples in week ten.
- Seven MEDCENs submitted reports for week ten (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>