

U.S. Army Influenza Activity Report

Click on images to enlarge.

Week Ending 14 January 2012 (Week 2)

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

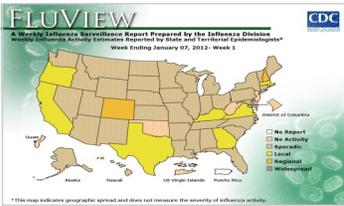
2011-2012 Seasonal Influenza Vaccination Coverage As of 18 JAN 2012

94%	DOD
96%	Army Active Duty
91%	Army Guard
77%	Army Reserve

SYNOPSIS: The 2011-2012 data continue to show a lower burden of respiratory disease than in 2010-2011.

- **Viral specimens:** Of 102 specimens submitted for week two of 2012, 3% were positive for influenza.
- **Influenza cases:** 36 influenza cases have been reported in DRSI through week two of 2011.
- **Hospitalizations & Fatalities:** Ten cases of influenza among Army beneficiaries have been hospitalized during this influenza season; there have been no fatalities.
- **Outpatient ILI Surveillance:** ILI activity within ESSENCE indicates both AD and beneficiary visits were lower this year than last year at this time.

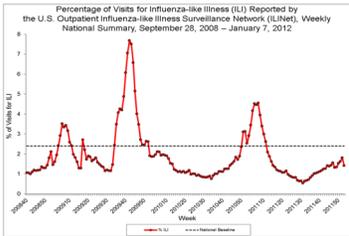
Geographic Influenza Spread



Geographic spread of influenza in the United States

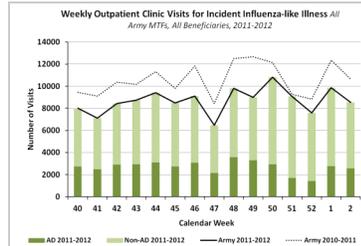
- No states reported widespread influenza activity.
- Two states reported regional activity (Colorado and New Hampshire).
- Puerto Rico did not report.
- The remaining states and territories reported sporadic cases or no influenza.

ILI Activity United States



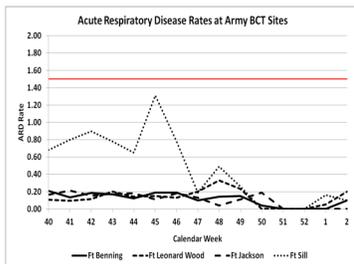
- For week one (2012), 1.4% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

ILI Activity Army



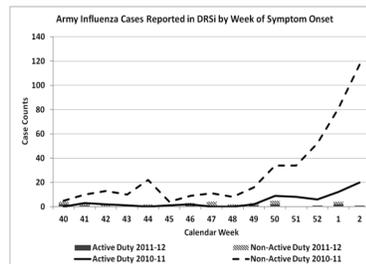
- Army ILI outpatient visits were 15% lower during the previous month of 2011-2012 compared to the same time period 2010-2011.
- The trend for the Army is consistent with national and DoD trends, all of which show low ILI activity.

Acute Respiratory Disease Surveillance



- ARD rates remain low at all BCT sites following holiday block leave.
- Although fewer cases are occurring, type 4 ADV remains the predominant strain at all BCT sites.
- Type 3 ADV is present at Ft. Jackson

DRSi Influenza Case Reporting

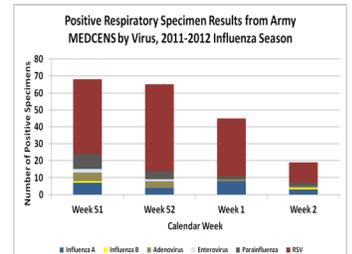


- 36 cases of influenza have been reported in the 2011-2012 season
- Eleven (31%) were among active duty Soldiers, and 25 (69%) were among dependents.
- Ten (28%) cases required hospitalization.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 51	Week 52	Week 1	Week 2	Total
Influenza A	7	4	8	3	22
Influenza B	1	0	0	1	2
Adenovirus	5	4	1	1	11
Enterovirus	2	1	0	0	3
Parainfluenza	9	5	2	2	18
RSV	44	51	34	12	141
Negative	273	287	244	83	887
Total Results	341	352	289	102	1084

- In the last 4 weeks, 197 (18%) of the 1,084 samples submitted were positive for a respiratory disease organism.
- Of positive samples, 72% were identified as RSV.
- Parainfluenza and adenovirus accounted for 9% and 6% of all positive samples, respectively.
- Influenza A accounted for 11% of positive specimens.
- Seven MEDCENS submitted reports for week two (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>