

U.S. Army Influenza Activity Report

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Week Ending 21 January 2012 (Week 3)

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

2011-2012 Seasonal Influenza Vaccination Coverage As of 24 JAN 2012

94%	DOD
96%	Army Active Duty
92%	Army Guard
78%	Army Reserve

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

- **Viral specimens:** Of 140 specimens submitted for week three of 2012, 4% were positive for influenza A.
- **Influenza cases:** 37 influenza cases have been reported in DRSI through week three of the 2011-2012 season.
- **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.

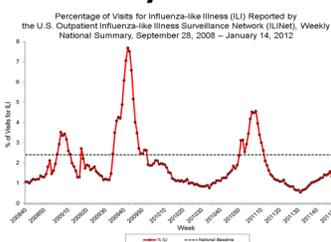
Geographic Influenza Spread



Geographic spread of influenza in the United States

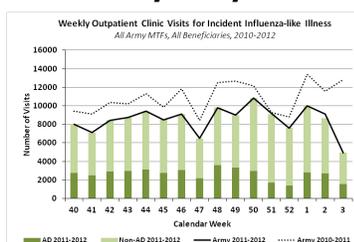
- No states reported widespread influenza activity.
- One state reported regional activity (Colorado).
- The remaining states and territories reported sporadic cases or no influenza.

ILI Activity United States



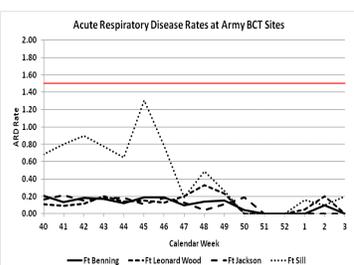
- For week two (2012), 1.2% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

ILI Activity Army



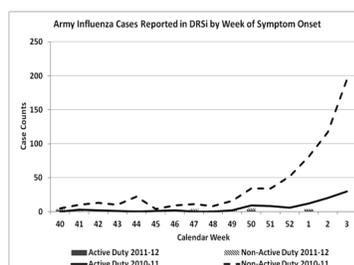
- Army ILI outpatient visits were 62% lower during week three of the 2011-2012 season compared to the previous season.
- The sharp decrease in visits may be due to a data lag within ESSENCE; the trend will be reassessed next week.

Acute Respiratory Disease Surveillance



- ARD rates remain low at all BCT sites.
- 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

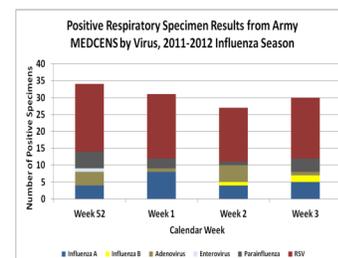


- 37 cases of influenza have been reported in the 2011-2012 season
- Twelve (32%) were among active duty Soldiers, and 25 (68%) were among dependents.
- Ten (27%) cases required hospitalization.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 52	Week 1	Week 2	Week 3	Total
Influenza A	4	8	4	5	21
Influenza B	0	0	1	2	3
Adenovirus	4	1	5	1	11
Enterovirus	1	0	0	0	1
Parainfluenza	5	3	1	4	13
RSV	20	19	16	18	73
Negative	261	279	131	140	811
Total Results	295	310	158	170	933

- In the last 4 weeks, 122 (13%) of the 933 samples submitted were positive for a respiratory disease organism.
- Of positive samples, 60% were identified as RSV.
- Parainfluenza and adenovirus accounted for 11% and 9% of all positive samples, respectively.
- Influenza A accounted for 17% of positive specimens.
- Six MEDCENs submitted reports for week three (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>