

U.S. Army Influenza Activity Report

Click on images to enlarge.

Week Ending 11 February 2012 (Week 6)

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

2011-2012 Seasonal Influenza Vaccination Coverage As of 14 FEB 2012	
95%	DOD
97%	Army Active Duty
92%	Army Guard
81%	Army Reserve

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

- **Viral specimens:** During week six, 211 specimens were submitted for testing, of which 23 returned positive results. Influenza A was found in 13 (57%) of these positive samples.
- **Influenza cases:** 95 influenza cases have been reported in DRSI through week six of the 2011-2012 season. Six were reported with onset dates in week 6.
- **Outpatient ILI surveillance:** ILI activity within ESSENCE indicates both AD and beneficiary visits were lower this year than last year at this time.
- **Army MEDCEN & reporting trend:** The proportion of influenza positive test for week six increased from

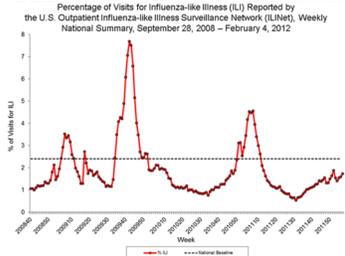
Geographic Influenza Spread



Geographic spread of influenza in the United States

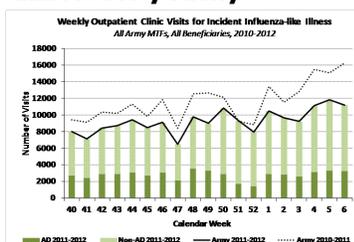
- Widespread influenza activity was reported in California.
- Nine states reported regional activity (Alabama, Colorado, Illinois, Iowa, Missouri, Nevada, Texas, Utah, and Virginia).
- The remaining states and territories reported sporadic cases or no influenza.

ILI Activity United States



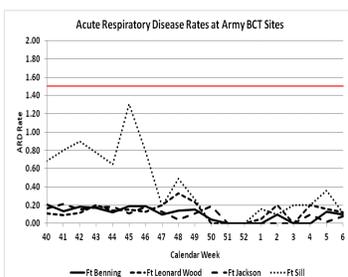
- For week five (2012), 1.7% of outpatient visits reported through ILINet were due to influenza-like illness (ILI).
- This percentage is below the national baseline of 2.4%.

ILI Activity Army



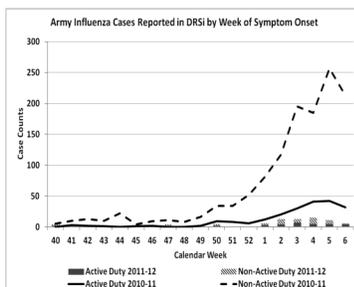
- Over the last four weeks, Army ILI outpatient visits were 27% lower than during the same time period of the 2010-2011 influenza season.
- Visit counts decreased slightly compared to last week; this is in contrast to the trend observed last year and may be due to a data lag within ESSENCE.

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



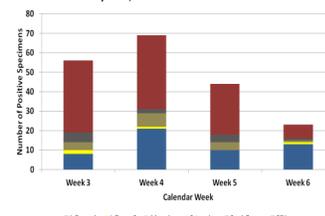
- 95 cases (6 with onset dates in week 6) have been reported in the 2011-2012 season
- Thirty-six (38%) were among active duty Soldiers and 59 (62%) were among dependents.
- Eleven (12%) cases required hospitalization.

Army Laboratory Testing

Army MEDCEN Laboratory Results					
Test Result	Week 3	Week 4	Week 5	Week 6	Total
Influenza A	8	21	10	13	52
Influenza B	2	1	0	1	4
Adenovirus	4	7	4	1	16
Enterovirus	0	0	0	0	0
Parainfluenza	5	2	4	1	12
RSV	37	38	26	7	108
Negative	308	349	270	188	1115
Total Results	364	418	314	211	1307

- In the last 4 weeks, 192 (15%) of the 1307 samples submitted were positive for a respiratory disease organism.
- Of positive samples, 56% were identified as RSV.
- Parainfluenza and adenovirus accounted for 6% and 8% of all positive samples, respectively.
- Influenza A accounted for 27% of positive specimens in the last four weeks and 57% of positive samples in week six.
- Seven MEDCENS submitted reports for week six (2012).

Positive Respiratory Specimen Results from Army MEDCENS by Virus, 2011-2012 Influenza Season



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>