SYNOPSIS: Army influenza-like illness (ILI) activity continues decreasing. Influenza B continues to exceed influenza A among typed specimens in both the Army and civilian populations. The World Health Organization continues to monitor novel influenza virus A(H7N9) in China; risk among DoD populations is very low.

ILI Activity: Army incident ILI outpatient visits in week 13 were 8% lower than the same week last year.

Influenza cases: One hospitalized influenza case was reported to USAPHC in week 13. 92 hospitalized cases have been reported during this influenza season, 80 in dependents and 12 in Active Duty.

Acute Respiratory Disease at BCT sites: ARD rates remain low; rates did not increase significantly at any sites during week 13.

Viral specimens: During week 13, 147 of 656 (22%) laboratory specimens tested were positive for respiratory pathogens. Influenza B accounted for 57% of positive specimens. Most of the influenza positive specimens were from ERMC (38%); 17% were from PRMC and SRMC each.

ILI Activity United States
- For week 13, 1.8% of outpatient visits reported through ILINet were due to ILI, which is below the national baseline.
- Only 3 of 10 regions reported a proportion of outpatient visits for ILI above their specific baselines.
- The percentage of ILI outpatient visits ranged from 0.9 to 2.3% across regions.

ILI Activity Army
- During week 13, incident ILI activity was 8% lower than at the same time last year and 25% lower than during the 2010-2011 season.
- Active Duty (AD) Service Members (SMs) accounted for 29% of incident ILI clinic visits during week 13; in 2011-2012, AD SMs comprised 29% of ILI clinic visits on average.

Laboratory Respiratory Specimen Testing
- 22% (147) of respiratory specimens were positive during week 13; influenza B accounted for 57% of positive specimens.
- Influenza A accounted for 20% of positive specimens, and RSV for 12%.
- Adenovirus accounted for 6% of positive specimens, and parainfluenza virus for 5%.

Laboratory Testing for Influenza A
- The proportion of positive influenza A tests in week 13 (6%) remained unchanged from week 12 (6%).
- 21 of the 29 (72%) positive influenza A specimens in week 13 were from non-AD personnel.
- 11 (38%) of the 29 positive influenza A specimens were from ERMC, and PRMC and SRMC each reported 5 (17%) positive influenza A specimens.
- Both NRMC and WRMC reported 4 (14%) influenza A specimens each.
U.S. Army Influenza Activity Report

Proportion of Influenza A Positive Specimens by Week and Region, Army Medical Laboratories, 2012-13

Northern Regional Medical Command (NRMC)

Southern Regional Medical Command (SRMC)

Western Regional Medical Command (WRMC)

European Regional Medical Command (ERMC)

Pacific Regional Medical Command (PRMC)

Number of Positive Influenza A Specimens by Duty Status and Region

<table>
<thead>
<tr>
<th>Region</th>
<th>Week 6 AD</th>
<th>Non-AD</th>
<th>Week 7 AD</th>
<th>Non-AD</th>
<th>Week 8 AD</th>
<th>Non-AD</th>
<th>Week 9 AD</th>
<th>Non-AD</th>
<th>Week 10 AD</th>
<th>Non-AD</th>
<th>Week 11 AD</th>
<th>Non-AD</th>
<th>Week 12 AD</th>
<th>Non-AD</th>
<th>Week 13 AD</th>
<th>Non-AD</th>
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<tbody>
<tr>
<td>NRMC</td>
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<td>21</td>
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<td>SRMC</td>
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<td>27</td>
<td>9</td>
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<td>6</td>
<td>10</td>
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<td>WRMC</td>
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</table>

Locations providing week 13 laboratory data as of 3 April 2013: Korea, Ft Belvoir, Ft Bliss, Ft Bragg, Ft Campbell, Ft Carson, Ft Drum, Ft Eustis, Ft Gordon, Ft Hood, Ft Irwin, Ft Jackson, Ft Knox, Ft Leavenworth, Ft Lee, Ft Leonard Wood, Ft Lewis, Ft Meade, Ft Polk, Ft Riley Ft Rucker, Ft Sam Houston, Ft Sill, Ft Stewart, Ft Wainwright, Landstuhl, Redstone Arsenal, Tripler, and West Point.
*This map indicates geographic spread and does not measure the severity of influenza activity.*
Percentage of respiratory specimens that tested positive for influenza
By influenza transmission zone

Status as of week 09
24 February - 02 March 2013

Note: The available country data were joined in larger geographical areas with similar influenza transmission patterns to be able to give an overview (www.who.int/entity/influenza/surveillance_monitoring/updates/EN_GIP_Influenza_Transmission_zones.pdf). The displayed data reflect reports of the stated week, or up to two weeks before if no data were available for the current week of that area.

Data Source: WHO/GIP, data in HQ as of 11 March 2013
Data used are from FluNet (www.who.int/flu), 17:15 UTC snapshot, from WHO regional offices and/or ministry of health websites.

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons

- **2012-13 (current season)**
- **2011-12 (mild season)**
- **2009-10 (pandemic)**
- **2007-08 (moderately severe season)**
- **2003-04 (moderately severe season)**
- **2002-03 (moderate season)**
- **National Baseline**
Clinic visits for ILI are obtained from ESSENCE. Data as of 4 April 2013.
<table>
<thead>
<tr>
<th>Test Result</th>
<th>Week 10</th>
<th>Week 11</th>
<th>Week 12</th>
<th>Week 13</th>
<th>Season Total</th>
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<td>138</td>
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<td>Negative</td>
<td>881</td>
<td>794</td>
<td>734</td>
<td>509</td>
<td>109105</td>
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<tr>
<td><strong>Total Results</strong></td>
<td><strong>1190</strong></td>
<td><strong>1066</strong></td>
<td><strong>924</strong></td>
<td><strong>656</strong></td>
<td><strong>3836</strong></td>
</tr>
</tbody>
</table>
Note: Reportable influenza cases are defined as only cases that have been hospitalized and are under the age of 65. See Armed Forces Reportable Medical Events Guidelines and Case Definitions for more information.
Data as of 26 March 2013.
Positive Respiratory Specimen Results from Army MTFs by Virus, 2012-2013 Influenza Season

Number of Positive Specimens

Calendar Week

Week 10
Week 11
Week 12
Week 13

Influenza A
Influenza B
Adenovirus
Enterovirus
Parainfluenza
RSV