DON Influenza SITREP

2012-2013 Influenza Season
Week 43 (October 21 — October 27, 2012)

Laboratory Summary:
- There were nine laboratory positive influenza results among DON beneficiaries during Week 43 (above seasonal baseline).
  - Top two facilities: Keesler AFB (four), NH Pensacola (two)
- All cases were positive by rapid antigen test. More

Antivirals:
- There were 15 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- The rate of AV prescriptions during Week 43 continues to be above the seasonal baseline. More

Inpatient:
- There were nine inpatient influenza tests performed during Week 43; three were positive.
- Five inpatient AV prescriptions were dispensed in Week 43 (33.3%).
- There was one inpatient case reported to DRSi this week. More

Active Duty & Recruits:
- There was one laboratory positive influenza case among active duty service members in Week 43 (Navy).
- There were no influenza positive results among recruits in Week 43.
- The ILI rate remains low for both LANT and PAC Fleets (0.03% and 0.02%, respectively). More

Children:
- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 0 per 100,000 and 0.64 per 100,000, respectively.
- Four AV prescriptions were dispensed to children this week (26.7%). More

Additional Information:
- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

Vaccination:
- 71.4% of active duty Navy personnel have been vaccinated as of this week.
- 65.3% of active duty Marine Corps personnel have been vaccinated as of this week. More

In the News:
- WHO reports global influenza activity remains low for Weeks 40 and 41. More
- CDC releases 2011 annual report profiling its influenza surveillance projects around the world. More

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**Laboratory Summary:**

- There were nine positive laboratory influenza results identified among DON beneficiaries in Week 43 (five Type A and four Type B).
- During Week 43, 8.2% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 43 of last season (1.8%).
- The number of cases this week remains above the seasonal baseline.
- In Week 43, all cases tested positive by rapid antigen test.

<table>
<thead>
<tr>
<th>Frequency of Testing Types among Positive Influenza Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rapid</td>
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<tr>
<td>Week 43</td>
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<tr>
<td>Season</td>
</tr>
</tbody>
</table>

**Antivirals:**

- There were 15 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Five of the antivirals were in the inpatient setting.
- There have been 50 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (six amantadine and 44 oseltamivir).
- The number of AV medications dispensed during Week 43 remains above the seasonal baseline.

**Inpatient:**

- There were nine inpatient influenza tests performed among DON beneficiaries in Week 43; three were positive.
  - All three cases were female Navy spouses; two of which were 18-44 years old and one 45+. Two cases occurred at Keesler AFB and one at NH Sigonella.
  - There were five AV medications prescribed in the inpatient setting this week.
    - The majority of this week’s inpatient AV prescriptions were female, Navy spouses (80%). Three inpatient AVs were dispensed at Keesler AFB.
  - The inpatient case reported to DRSi was a 45+ year old, female Navy retiree at Walter Reed. This case was not identified in HL7 laboratory or pharmacy surveillance.
  - There were no coinfections identified among inpatient cases this week.
  - There were no inpatient ILI diagnoses during Week 43, and no ILI-related ER visits this week resulted in an inpatient admission.
Active Duty & Recruits:
- There was one positive result among DON active duty service members in Week 43.
  - The case was an 18-44 year old Navy female who tested positive via rapid test for Type A at NH Pensacola.
  - There were no positive results among DON recruits in Week 43.

Children:
- There were no laboratory positive influenza cases in the 0-4 age group in Week 43, while the rate of positive influenza results in the 5-17 age group was 0.64 per 100,000.
- There were four AV medications prescribed to children in Week 43. The number of AVs dispensed to children during Week 43 was above the seasonal baseline.

Other Age Groups:
- During Week 43, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.45 per 100,000 and 0.44 per 100,000, respectively.

Vaccination:
- As of October 27, 2012, 71.4% of Navy and 65.3% of Marine Corps active duty service members have received an influenza vaccine.
- The Navy active duty laboratory case this week received an influenza vaccine (TIV) more than 14 days prior to infection.

<table>
<thead>
<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navy</td>
<td></td>
<td></td>
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<tr>
<td>Active Duty</td>
<td>316,629</td>
<td>226,106</td>
<td>71.4</td>
</tr>
<tr>
<td>Reserve</td>
<td>62,548</td>
<td>42,479</td>
<td>67.9</td>
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<tr>
<td>Marine Corps</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active Duty</td>
<td>196,831</td>
<td>128,594</td>
<td>65.3</td>
</tr>
<tr>
<td>Reserve</td>
<td>33,261</td>
<td>21,272</td>
<td>63.9</td>
</tr>
</tbody>
</table>

*Includes both injection and intranasal influenza vaccines. Force strength for active duty and reserve forces was generated using the July 2012 Defense Manpower Data Center data.