DON Influenza SITREP
2012-2013 Influenza Season
Week 44 (October 28 — November 3, 2012)

Laboratory Summary:
- There were 11 laboratory positive influenza results among DON beneficiaries during Week 44 (above seasonal baseline).
  - Top three facilities: NH Pensacola (five), Keesler AFB (two), NH Naples (two)
- Nine were positive by rapid test and two were positive by culture. More

Antivirals:
- There were 10 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- The rate of AV prescriptions during Week 44 continues to be above the seasonal baseline. More

Inpatient:
- There were seven inpatient influenza tests performed during Week 44; none were positive.
- Two inpatient AV prescriptions were dispensed in Week 44 (20.0%).
- There were two inpatient cases reported to DRSi this week. More

Active Duty & Recruits:
- There were no laboratory positive influenza cases among active duty service members in Week 44.
- There were no laboratory positive influenza cases among recruits in Week 44.
- The ILI rate remains low for both LANT and PAC Fleets (0.02% and 0.03%, respectively). More

Children:
- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 5.5 per 100,000 and 0.3 per 100,000, respectively.
- Two AV prescriptions were dispensed to children this week (20.0%). More

Additional Information:
- There have been no pneumonia cases identified this season.
- Three influenza coinfections were identified this week (two Staphylococcus, one Streptococcus) at Keesler AFB. The cases were two male non-active duty sponsors and a female spouse, all over the age of 45.

Vaccination:
- 77.5% of active duty Navy personnel have been vaccinated as of this week.
- 69.9% of active duty Marine Corps personnel have been vaccinated as of this week. More

In the News:
- An evaluation of rapid influenza tests conducted by the CDC finds that rapid tests perform best at high viral loads. More
- Scientists move close to a lasting flu vaccine. More

Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil
Laboratory Summary:

- There were 11 positive laboratory influenza results identified among DON beneficiaries in Week 44 (10 Type A and one Type B).
- During Week 44, 8.3% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 44 of last season (1.7%).
- The number of cases this week remains above the seasonal baseline.
- In Week 44, nine cases were positive by rapid antigen test and two were positive by culture.

<table>
<thead>
<tr>
<th>Frequency of Testing Types among Positive Influenza Tests</th>
</tr>
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<tbody>
<tr>
<td></td>
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<tr>
<td>----------------</td>
</tr>
<tr>
<td>Week 44</td>
</tr>
<tr>
<td>Season</td>
</tr>
</tbody>
</table>

Antivirals:

- There were 10 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Two of the antiviral prescriptions were in the inpatient setting.
- There have been 64 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (six amantadine and 58 oseltamivir).
- The number of AV medications dispensed during Week 44 remains above the seasonal baseline.

Inpatient:

- There were seven inpatient influenza tests performed among DON beneficiaries in Week 44; none were positive.
- There were two AV medications prescribed in the inpatient setting this week.
  - This week’s cases were a male, non-active duty Navy sponsor over the age of 45 and a 0-4 year old male Navy child. Both inpatient AVs were dispensed at Keesler AFB.
- There were two inpatient cases reported to DRSi this week.
  - The first case was a 18-44 year old male recruit at Beaufort with infection onset in early October. This case was also identified in HL7 laboratory and pharmacy surveillance.
  - The second case was a 5-17 year old female patient at Fort Gordon with infection onset 2 November. This case was also identified in HL7 laboratory surveillance.
- There were no inpatient ILI diagnoses during Week 44, and no ILI-related ER visits this week resulted in an inpatient admission.
Active Duty & Recruits:
- There were no positive results among DON active duty service members in Week 44.
- There were no positive results among DON recruits in Week 44.

Children:
- The rate of positive influenza results in Week 44 was highest in the 0-4 age group, at 5.5 per 100,000. The rate in the 5-17 age group was 0.3 per 100,000.
- There were two AV medications prescribed to children in Week 44. The number of AVs dispensed to children during Week 44 was below the seasonal baseline.

Other Age Groups:
- During Week 44, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.2 per 100,000 and 0 per 100,000, respectively.

Vaccination:
- As of November 3, 2012, 77.5% of Navy and 69.9% of Marine Corps active duty service members have received an influenza vaccine.

<table>
<thead>
<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Duty</td>
<td>316,629</td>
<td>245,482</td>
<td>77.5</td>
</tr>
<tr>
<td>Reserve</td>
<td>62,548</td>
<td>45,167</td>
<td>72.2</td>
</tr>
</tbody>
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<th>Component</th>
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<tbody>
<tr>
<td>Active Duty</td>
<td>196,831</td>
<td>137,610</td>
<td>69.9</td>
</tr>
<tr>
<td>Reserve</td>
<td>33,261</td>
<td>22,222</td>
<td>66.8</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.