DON Influenza SITREP
2012-2013 Influenza Season
Week 41 (October 7 — October 13, 2012)

Laboratory Summary:
- There were eight laboratory positive influenza results among DON beneficiaries during Week 41.
- Positive tests in Week 41 were from NH Beaufort (three), NH Naples (three), NH Rota (two) and 36th Med Group—Andersen (one)
- All eight cases were positive by rapid antigen test.
- The number of cases this week was above the seasonal baseline.

Vaccination:
- 58.7% of active duty Navy personnel have been vaccinated as of this week.
- 51.8% of active duty Marine Corps personnel have been vaccinated as of this week.

Antivirals:
- There were 12 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (three amantadine and nine oseltamivir).
- The rate of AV prescriptions during Week 41 was above the seasonal baseline.

Inpatient:
- There were eight inpatient influenza tests performed during Week 41; one was positive.
- Two inpatient AV prescriptions were dispensed in Week 41 (16.7%).

Active Duty & Recruits:
- There was one influenza positive result among active duty service members in Week 41 (Navy).
- There was one influenza positive result among recruits in Week 41 (Marine Corps).
- The ILI rate remains low for both LANT and PAC Fleets (0.01% and 0.03%, respectively).

Children:
- Influenza rates in the 0-4 and 5-17 year old age groups were 1.4 per 100,000 and 0.3 per 100,000, respectively.
- Two AV prescriptions were dispensed to children this week (16.7%).

Additional Information:
- There were no influenza cases reported to DRSi in Week 41.
- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

In the News:
- CDC reported low influenza activity during the first week of the 2012-2013 season, based on all key indicators.
- The American Academy of Pediatrics released new guidelines for influenza and children. The vaccine recommendations did not change (LIAV or shot for children > 6 months), but some children may need more than one shot to cover the influenza season.

Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil
Laboratory Summary:
- There were eight positive laboratory influenza results identified among DON beneficiaries in Week 41.
  - Seven Type A and one Type B
  - One patient had a dual infection (both Type A and Type B).
- During Week 41, 8.4% of all influenza tests performed were positive.
  - This is higher than the percentage of tests resulting positive in Week 41 of last season (0.0%).
- The number of cases this week remains above the seasonal baseline.
- In Week 41, all eight cases tested positive by rapid antigen test.

| Frequency of Testing Types among Positive Influenza Tests |
|----------------|----------------|----------------|----------------|
|                | Rapid          | PCR            | Culture        | Unspecified    |
| Week 40        | 100%           | —              | —              | —              |
| Season         | 78.6%          | —              | 21.4%          | —              |

Antivirals:
- There were 12 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (three amantadine and nine oseltamivir).
- The number of AV medications dispensed during Week 41 remains above the seasonal baseline.

Inpatient:
- There were eight inpatient influenza tests performed among DON beneficiaries in Week 41; one was positive.
  - This week’s case was an 18-44 year old, male, Marine Corps recruit who tested rapid positive for Type A at NH Beaufort
  - This case was not reported to DRSi.
- There were two AV medications prescribed in the inpatient setting this week. (both oseltamivir)
  - Cases this week were a male, Marine Corps recruit, 18-44 years old at NH Beaufort, and a male, Marine Corps non-active duty sponsor, over the age of 45 at Ft. Belvoir Community Hospital.
- There were no coinfections identified among inpatient cases this week.
- There were no inpatient ILI diagnoses this week. One ILI related ER visit during Week 41 resulted in an inpatient admission (6.3%).
Active Duty & Recruits:
- There was one positive result among DON active duty service members in Week 41.
  - The case was an 18-44 year old, Navy male who tested rapid positive for Type A at NH Naples.
- There was one positive result among DON recruits in Week 41.
  - The case was an 18-44, Marine Corps male, inpatient who tested rapid positive for Type A at NH Beaufort.

Children:
- The 0-4 age group had the highest rate of influenza this week (1.4 per 100,000). The rate of influenza positives in the 5-17 age group is the same as Week 40 (0.3 per 100,000).
- There were two AV medications prescribed to children in Week 41. The number of AVs dispensed to children remains above the seasonal baseline.

Other Age Groups:
- During Week 41, the influenza rates among the 18-44 and 45+ age groups were 0.6 per 100,000 and 0.0 per 100,000, respectively.

Vaccination:
- As of October 13, 2012, 58.7% of Navy and 51.8% of Marine Corps active duty service members have received an influenza vaccine.
- The Navy active duty case received a vaccine more than 14 days prior to infection (LAIV), while the Marine Corps recruit case was not vaccinated.

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<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
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<tbody>
<tr>
<td>Active Duty</td>
<td>317,002</td>
<td>186,234</td>
<td>58.7</td>
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<tr>
<td>Reserve</td>
<td>62,360</td>
<td>31,104</td>
<td>49.9</td>
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<thead>
<tr>
<th>Component</th>
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<th>Immunized*</th>
<th>%</th>
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<tbody>
<tr>
<td>Active Duty</td>
<td>197,266</td>
<td>102,265</td>
<td>51.8</td>
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<tr>
<td>Reserve</td>
<td>33,217</td>
<td>12,634</td>
<td>38.0</td>
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</tbody>
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*Includes both injection and intranasal influenza vaccines.

Force strength for active duty and reserve forces was generated using the June 2012 Defense Manpower Data Center data.