**Laboratory Summary:**
- There were six laboratory positive influenza results among DON beneficiaries in Week 40.
- Positive tests in Week 40 were from NH Beaufort (four), NHC Hawaii (one), and NH Guam-Agana (one).
- Three cases were positive by rapid antigen test, and three cases were positive by culture.
- The number of cases this week was above the seasonal baseline.

**Antivirals:**
- There were 11 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine and nine oseltamivir).
- The rate of AV prescriptions during Week 40 was above the seasonal baseline.

**Inpatient:**
- There were 11 inpatient influenza tests performed during Week 40; none were positive.
- Three inpatient AV prescriptions were given in Week 40 (27.3%).

**Active Duty & Recruits:**
- There were no influenza positive results among active duty service members in Week 40.
- There were two influenza positive results among recruits in Week 40 (two Marine Corps).
- The ILI rate remains low for both LANT and PAC Fleets (0.02% and 0.03%, respectively).

**Children:**
- Influenza rates in the 0-4 and 5-17 year old age groups were 1.32 per 100,000 and 0.32 per 100,000, respectively.
- Three AV prescriptions were dispensed to children this week (27.3%).

**Additional Information:**
- There were no influenza cases reported to DRSi in Week 40.
- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

**Vaccination:**
- 51.3% of active duty Navy personnel have been vaccinated as of this week.
- 45.7% of active duty Marine Corps personnel have been vaccinated as of this week.

**In the News:**
- A new HHS contract will advance the development of a new influenza antiviral that could work against all known influenza viruses.

**Contact Information:** Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil
Laboratory Summary:
- There were six positive laboratory influenza results identified among DON beneficiaries in Week 40.
  - All Type A
- 6.45% of all influenza tests performed during Week 40 were positive.
  - This is higher than the percentage of positive tests in Week 40 of last season (2011-2012).
- The number of cases this week is above the seasonal baseline.
- In Week 40, three cases tested positive by rapid antigen test and three tested positive by culture.

<table>
<thead>
<tr>
<th>Frequency of Testing Types among Positive Influenza Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>Week 40</td>
</tr>
<tr>
<td>Season</td>
</tr>
</tbody>
</table>

Antivirals:
- There were nine influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine and nine oseltamivir).
- The number of AV medications dispensed during Week 40 was above the seasonal baseline.

Inpatient:
- There were 11 inpatient influenza tests performed among DON beneficiaries in Week 40; none were positive.
- There were three AV medications prescribed in the inpatient setting this week
  - One amantadine and two oseltamivir
- There were no coinfections identified among inpatient cases this week.
- There were no inpatient ILI diagnoses this week.
Active Duty & Recruits:
- There were no positive results among DON active duty service members in Week 40.
- There were two positive results among DON recruits in Week 40.
  - Both cases were 18-44 male Marine Corps recruits at NH Beaufort, positive for influenza Type A via culture.

Children:
- The 0-4 age group had the highest rate of influenza this week (1.32 per 100,000), followed by the 5-17 age group (0.32 per 100,000).
- There were three AV medications prescribed to children in Week 40. The number of AVs dispensed to children was above the seasonal baseline.

Other Age Groups:
- For Week 40, the influenza rates among the 18-44 and 45+ age groups were 0.22 per 100,000 and 0.26 per 100,000, respectively.

Vaccination:
- As of October 10, 2012, 51.3% of Navy and 45.7% of Marine Corps active duty service members have received an influenza vaccine.
- One of the Marine Corps recruit cases received a vaccine more than 14 days prior to infection (LAIV), while the other Marine Corps recruit case was not vaccinated.

<table>
<thead>
<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Duty</td>
<td>317,002</td>
<td>162,543</td>
<td>51.3</td>
</tr>
<tr>
<td>Reserve</td>
<td>62,360</td>
<td>25,749</td>
<td>41.3</td>
</tr>
<tr>
<td>Marine Corps</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active Duty</td>
<td>197,266</td>
<td>90,175</td>
<td>45.7</td>
</tr>
<tr>
<td>Reserve</td>
<td>33,217</td>
<td>10,524</td>
<td>31.7</td>
</tr>
</tbody>
</table>

*Includes both injection and intranasal influenza vaccines.

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