**Laboratory Summary:**
- There were 20 laboratory positive influenza results among DON beneficiaries during Week 48 (above seasonal baseline).
  - Top facilities: NH Pensacola (six), NHC Charleston (four), Keesler AFB (two), and NH Bremerton (two).
  - NH Pensacola has had the most cases this season (27).
  - 15 cases were positive by rapid test, three by culture, and two by PCR. [More](#)

**Antivirals:**
- There were 36 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 34 oseltamivir).
- The frequency of AV prescriptions during Week 48 was above the seasonal baseline. [More](#)

**Inpatient:**
- There were 12 inpatient influenza tests performed during Week 48; none were positive.
- Four inpatient AV prescription was dispensed in Week 48.
- No inpatient cases were reported to DRSi this week. [More](#)

**Active Duty & Recruits:**
- There were no laboratory positive influenza cases among active duty service members or recruits in Week 48.
- The ILI rate remains low for both LANT and PAC Fleets (0.05% and 0.08%, respectively). [More](#)

**Children:**
- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 2.7 per 100,000 and 1.9 per 100,000, respectively.
- There were six AV prescriptions dispensed to children this week (16.7%). [More](#)

**Additional Information:**
- There were no coinfections identified this week.
- There have been four coinfections among DON beneficiaries this season (two *Staphylococcus*, two *Streptococcus*). [More](#)

**In the News:**
- CDC reports that flu activity has increased about a month earlier than typical seasons. ILI activity reached the national baseline in Week 47, which is the earliest point since the 2003-2004 season, the last severe non-pandemic season. [More](#)

**Contact Information:** Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil
Laboratory Summary:
- There were 20 positive laboratory influenza results identified among DON beneficiaries in Week 48 (17 Type A, three Type B).
- During Week 48, 12% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 48 of last season (0%).
- The number of cases this week remains above the seasonal baseline.
- In Week 48, 15 cases were positive by rapid test, three were positive by culture, and two were positive by PCR.

<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 48</td>
</tr>
<tr>
<td>Season</td>
</tr>
</tbody>
</table>

Antivirals:
- There were 36 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 34 oseltamivir). Four of the antiviral prescriptions were in the inpatient setting.
- There have been 172 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (11 amantadine, 161 oseltamivir).
- The number of AV medications dispensed during Week 48 was above the seasonal baseline.

Inpatient:
- There were 12 inpatient influenza tests performed among DON beneficiaries in Week 48; none were positive.
- There were four AV medications prescribed in the inpatient setting this week.
  - There were three female spouses, two age 45+ and one age 18-44, each treated with oseltamivir at Keesler, NH Pensacola, and Ft. Belvoir Community Hospital. The remaining case was a male non-active duty sponsor age 45+ treated with amantadine at NH Twentynine Palms.
- There were no inpatient cases reported to DRSi this week; there have been five inpatient cases reported to DRSi this season.
Active Duty & Recruits:
- No positive laboratory influenza results have been identified in DON active duty service members since Week 43, or in DON recruits since Week 41.

Children:
- The rate of positive influenza results in Week 48 was highest in the 0-4 age group, at 2.7 per 100,000. The rate in the 5-17 age group was 1.9 per 100,000.
- There were six AV medications prescribed to children in Week 48. The number of AVs dispensed to children during Week 48 was above the seasonal baseline.

Other Age Groups:
- During Week 48, the laboratory influenza rates among the 18-44 and 45+ age groups were each 0.8 per 100,000.

Vaccination:
- As of December 1, 2012, 86.1% of Navy and 79.9% of Marine Corps active duty service members have received an influenza vaccine.

### Vaccination

<table>
<thead>
<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Navy</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active Duty</td>
<td>316,220</td>
<td>272,363</td>
<td>86.1</td>
</tr>
<tr>
<td>Reserve</td>
<td>62,712</td>
<td>52,555</td>
<td>83.8</td>
</tr>
<tr>
<td><strong>Marine Corps</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Active Duty</td>
<td>196,832</td>
<td>157,337</td>
<td>79.9</td>
</tr>
<tr>
<td>Reserve</td>
<td>33,360</td>
<td>25,469</td>
<td>76.3</td>
</tr>
</tbody>
</table>

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