Laboratory Summary:
- There were 23 laboratory positive influenza results among DON beneficiaries during Week 13 (below seasonal baseline).
  - Top facilities: NH Camp Lejeune (nine), Ft. Eustis (three), NH Naples (two)
  - NMC San Diego has had the most cases this season (253), followed by NH Camp Lejeune (181) and NH Bremerton (97).
- In Week 13, 21 cases were positive by rapid test and two were positive by PCR.

Antivirals:
- There were 41 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 39 oseltamivir).
- Frequency of AV prescriptions during Week 13 remains above baseline.

Inpatient:
- There were 13 inpatient influenza tests performed during Week 13; none were positive.
- No inpatient AV prescriptions were dispensed in Week 13.
- No inpatient cases were reported to DRSi this week.

Active Duty & Recruits:
- There were two laboratory positive influenza cases among active duty service members in Week 13 (two Navy).
- There were no laboratory positive influenza cases among recruits in Week 13.
- ILI rates for LANT and PAC Fleets in Week 13 were both 0.01%.

Children:
- Laboratory influenza rates in the 0-4 and 5-17 age groups were 2.7 per 100,000 and 3.5 per 100,000, respectively.
- There were eight AV prescriptions dispensed to children this week (19.5%).

Coinfections:
- There were two coinfections identified among DON beneficiaries during Week 13.

Pneumonia:
- There were no radiology-associated pneumonias identified among influenza cases since last report.

In the News:
- See page 4 for this week’s influenza news updates.

Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil
Laboratory Summary:
- There were 23 positive laboratory influenza results identified among DON beneficiaries in Week 13 (seven Type A, 16 Type B).
- During Week 13, 14.1% of all influenza tests performed were positive.
  - This is lower than the percent of tests with positive results in Week 13 of last season (16.9%).
- The number of cases this week is below seasonal baseline.
- In Week 13, 21 cases were positive by rapid test and two were positive by PCR.

<table>
<thead>
<tr>
<th>Frequency of Testing Types among Positive Influenza Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rapid</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>Week 13</td>
</tr>
<tr>
<td>Season</td>
</tr>
</tbody>
</table>

Antivirals:
- There were 41 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 39 oseltamivir). None of the antiviral prescriptions were in the inpatient setting.
- There have been 2,975 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (37 amantadine, 2,933 oseltamivir, one rimantadine, four zanamivir).
- Antiviral prescriptions continued to decrease during Week 13, but remain slightly above seasonal baseline.

Inpatient:
- There were 13 inpatient influenza tests performed among DON beneficiaries in Week 13; none were positive.
- There were no AV medications prescribed in the inpatient setting this week.
- There were no inpatient cases reported to DRSi since last report. There have been 21 inpatient cases reported to DRSi this season.
- Eight laboratory positive inpatient cases have been reported to DRSi this season (10.1%).
Active Duty & Recruits:
- There were two positive laboratory influenza results among DON active duty service members this week.
  - Both cases were male Navy active duty service members at NH Naples, positive for Type A by rapid test.
- There were no positive laboratory influenza results among DON recruits this week.
- No active duty or recruit personnel received an AV prescription inpatient during Week 13.

Children:
- The rate of positive influenza results was highest in the 5-17 age group in Week 13 (3.5 per 100,000). The positive influenza rate in the 5-17 age group was 2.7 per 100,000.
- There were eight AV medications prescribed to children in Week 13. The number of AVs dispensed to children during Week 13 remains slightly above the seasonal baseline.

Other Age Groups:
- During Week 13, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.7 and 0.5 per 100,000, respectively.

Coinfections:
- There were two coinfections identified among DON beneficiaries in Week 12 (both *Streptococcus*).
  - This week’s cases were two female children ages 5-17 outpatient at NH Camp Lejeune and NMCL Annapolis.
- There have been 58 coinfections identified among DON beneficiaries this season (22 *Streptococcus*, 17 *Staphylococcus*, four *Escherichia*, two *Haemophilus*, two *Klebsiella*, and one each of *Brevundimonas, Lactobacillus, Moraxella, Mycobacterium, Neisseria, Propionibacterium, Proteus, Providencia, Pseudomonas, Serratia, Shigella*).
Pneumonia:
- There were no radiology-associated pneumonia cases since last report.
- There have been 24 radiology-associated pneumonias identified among DON influenza patients this season. Six cases were identified during Week 4 and four cases identified during Week 3.

Vaccination:
- As of March 30, 2013, 95.6% of Navy and 94.9% of Marine Corps active duty service members have received an influenza vaccine.
- The two Navy active duty cases this week were vaccinated more than 14 days prior to infection (both LAIV).

<table>
<thead>
<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Navy Active Duty</td>
<td>312,936</td>
<td>299,152</td>
<td>95.6</td>
</tr>
<tr>
<td>Navy Reserve</td>
<td>62,260</td>
<td>59,103</td>
<td>94.9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Corps Active Duty</td>
<td>195,058</td>
<td>181,795</td>
<td>93.2</td>
</tr>
<tr>
<td>Marine Corps Reserve</td>
<td>33,066</td>
<td>29,706</td>
<td>89.8</td>
</tr>
</tbody>
</table>

*Includes both injection and intranasal influenza vaccines. Force strength for active duty and reserve forces was generated using the January 2013 Defense Manpower Data Center data.

In the News:
- CDC reports that influenza-like illness has fallen below baseline for the first time since early December, a key indicator that the influenza season is drawing to a close. More
- WHO reports that influenza activity is decreasing in most parts of the Northern Hemisphere. More
- Nine cases of a new strain of avian influenza (H7N9) have been reported in China, with three deaths. Genetic evidence suggests that the virus may be starting to adapt to mammals. More