Laboratory:
There were 58 laboratory positive influenza results among DON beneficiaries during Week 1 (above seasonal baseline). Influenza positive laboratory results this week are trending higher than previous seasons, but comparable to last season. More

Antivirals:
There were 107 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Influenza-specific AV prescriptions this week were above baseline. More

Inpatient:
There were 32 inpatient influenza tests performed during Week 1; five were positive. There were 14 inpatient AV prescriptions dispensed this week and five cases were reported to DRSi. More

Coinfections:
One coinfection was identified among DON beneficiaries during Week 1. More

Active Duty & Recruits:
In Week 1, there were ten laboratory positive influenza cases among DON active duty service members. There was one laboratory positive influenza case among DON recruits. More

NHRC reports febrile respiratory illness (FRI) rates at all training centers are at or below expected values. More

Children:
Laboratory influenza rates in the 0-4 and 5-17 age groups were 7.2 and 2.6 per 100,000, respectively. There were 24 AV prescriptions dispensed to children this week (22.4%). More

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

Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil ~ On the Web: http://go.usa.gov/DtUC

Vaccination:
89.7% of Navy and 84.7% of Marine Corps active duty service members have received an influenza vaccine (as of 4 January 2014). More

Most active duty cases this week were vaccinated more than 14 days prior to infection (90%). This week’s recruit case was vaccinated. More

Most active duty cases this season (75%) were vaccinated more than 14 days before infection. More
Laboratory:
- There were 58 positive laboratory influenza results identified among DON beneficiaries in Week 1 (56 Type A, two Type B).
- Top facilities this week were NMC San Diego (19), NH Bremerton (six), NH Camp Lejeune (five), and NH Camp Pendleton (five).
  - NMC San Diego has had the most cases this season (50), followed by NH Lemoore (33) and Ft. Sam Houston (28).
- During Week 1, 20.2% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 1 of last season (9.3%).
- The number of cases this week is above seasonal baseline.
- In Week 1, 37 cases were positive by rapid test, five were culture positive, and 16 were positive by PCR.

<table>
<thead>
<tr>
<th>Frequency of Testing Types among Positive Influenza Tests</th>
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<tbody>
<tr>
<td>Rapid</td>
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<tr>
<td>Week 1</td>
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<tr>
<td>Season</td>
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Antivirals:
- There were 107 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Overall, there have been 572 AVs prescribed to DON beneficiaries this season (17 amantadine, 555 oseltamivir).
- Antiviral prescriptions during Week 1 are above seasonal baseline. The number of AV prescriptions this week are trending higher than previous seasons, but comparable to last season.
- Fourteen of the antiviral prescriptions were in the inpatient setting.
Inpatient:
- There were 32 inpatient influenza tests performed among DON beneficiaries in Week 1; five were positive.
  - This week’s cases were mostly male (80%), Navy (80%), sponsors (80%), age 45+ (60%) at NMC San Diego (60%).
- There were 14 AV medications prescribed in the inpatient setting this week.
  - This week’s cases were half male and half female non-active duty sponsors (42.9%) prescribed oseltamivir (100%). The locations dispensing the most inpatient AVs were NMC San Diego (four), Ft. Sam Houston (three), and Ft. Shafter (two).
- There were five inpatient cases reported to DRSi this week.
  - Cases this week were three spouses and two sponsors (one active duty and one recruit) all with onset during Week 1. Cases were reported from Tripler AMC (two), NH Beaufort, NMC San Diego, and Ft. Lewis.
  - The active duty patient was not vaccinated against influenza, while the recruit did receive an influenza vaccination.

Coinfections:
- There was one bacterial coinfection identified among DON beneficiaries in Week 1 (*Enterococcus*). More
- There have been nine coinfections identified this season (*Escherichia* 3, *Enterococcus* 2, *Propionibacterium* 2, others).
Active Duty & Recruits:
- There were ten positive laboratory influenza results among DON active duty service members in Week 1. Click table at right for vaccination status of this week’s active duty cases.
  - Eight cases were Navy service members (all Type A). Two cases were a Marine Corps service members (both Type A).
  - Cases were at NMC San Diego (five), NH Camp Pendleton (two), NH Bremerton, NH Camp Lejeune, and NH Rota.
- There was one positive laboratory influenza result among DON recruits in Week 1.
  - This week’s case was a male Marine Corps recruit positive for Type A at NMC San Diego.
- Twenty-three active duty service members received AVs during Week 1.
  - Seventeen were Navy and six were Marine Corps. Camp Lejeune dispensed the most AVs to active duty personnel (four), followed by Camp Pendleton (two).
- There was one AV dispensed to a recruit during Week 1.
  - This week’s case was a male Marine Corps recruit age 18-44 prescribed oseltamivir at NMC San Diego.

Children:
- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 1 were 7.2 and 2.6 per 100,000, respectively.
- There were 24 AV medications prescribed to children during Week 1. The number of AVs dispensed to children during Week 1 was above the seasonal baseline.

Other Age Groups:
- During Week 1, the laboratory influenza rates among the 18-44 and 45+ age groups were 3.0 and 3.6 per 100,000, respectively.

In the News:
- US influenza activity continued to rise in Week 52, with 20 states reporting high influenza activity and 25 reporting widespread activity. More
- A serologic survey from British Columbia, Canada, suggests preschool children and working-age adults are most susceptible to the 2009 H1N1 influenza virus. More