Influenza Activity and Surveillance

Laboratory:
There were 15 laboratory positive influenza results among DON beneficiaries during Week 41 (above seasonal baseline). More

Antivirals:
There were 27 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (1 amantadine, 26 oseltamivir). Influenza-specific AV prescriptions this week were above the seasonal baseline. More

Influenza-Like Illness:
Overall, 3.2% of outpatient medical encounters were due to influenza-like illness (ILI); this was equal to the seasonal baseline. More

Severity Indicators

Inpatient:
There were 36 inpatient influenza tests performed during Week 41; two were positive. There were five inpatient AV prescriptions dispensed this week and no cases were reported to DRSi. More

Coinfections:
One non-respiratory bacterial coinfection was identified among DON beneficiaries during Week 41. More

Select Populations

Active Duty & Recruits:
In Week 41, there was one laboratory positive influenza case among DON active duty service members and no laboratory positive influenza cases among DON recruits. More
NHRC reports febrile respiratory illness rates are at or below expected values for DON basic training centers. More

Children:
Laboratory influenza rates in the 0-4 and 5-17 age groups were 0.0 and 0.34 per 100,000, respectively. There were two AV prescriptions dispensed to children this week (7.4%). More

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

Vaccination

22.3% of Navy and 17.3% of Marine Corps active duty service members have received an influenza vaccine (as of 11 October 2014). More

Reminder: The DOD’s personnel vaccination goal is 90% vaccine coverage by 15 December 2014.
**Laboratory:**

- There were 15 positive laboratory influenza results identified among DON beneficiaries in Week 41 (11 Type A, four Type B).
  - The number of cases this week was slightly above the seasonal baseline.
- Top facilities this week were NMC San Diego (four) and Tripler AMC-Ft. Shafter (four).
  - NH Guam has had the most cumulative cases since week 40 (six), followed by NMC San Diego (five), NH Jacksonville (four), and Tripler AMC-Ft. Shafter (four).
- During Week 41, 7.0% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 41 of last season (4.0%).
- In Week 41, six cases were positive by rapid testing, five by PCR, and four by culture.

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<tr>
<th>Frequency of Testing Types among Positive Influenza Tests</th>
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<tr>
<td>Rapid</td>
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<td>Week 41</td>
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<td>Season</td>
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**Antivirals:**

- There were 27 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (1 amantadine, 26 oseltamivir).
- Since week 40, there have been 79 AVs prescribed to DON beneficiaries this season (7 amantadine, 72 oseltamivir).
- Antiviral prescriptions during Week 41 were above the seasonal baseline.
- Five of the antiviral prescriptions were in the inpatient setting (7.7%).
Inpatient Surveillance:
- There were 36 inpatient influenza tests performed among DON beneficiaries in Week 41; two were positive.
- Among ER admissions, 8.5% of medical encounters contained ILI ICD-9-CM diagnostic codes, which was below the seasonal baseline.

Coinfections:
- There was one bacterial coinfection identified among DON beneficiaries in Week 41 (Escherichia). More
Active Duty

- There was one laboratory influenza result (Type A) among DON active duty service members in Week 41.
- This week’s active duty case was not vaccinated.
- The active duty Marine was tested in an outpatient facility at NH Camp Lejeune and was positive by rapid test.
- Nine active duty service members received AVs during Week 41.
  - Five (55.6%) were Navy and four (44.4%) were Marine Corps.
  - One active duty Navy service member received an AV prescription (amantadine) in an inpatient setting during Week 41 at NMC San Diego.

Recruits:

- There were no positive laboratory influenza results among DON recruits in Week 41.
- There were no AVs dispensed to a recruit during Week 41.

Children:

- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 41 were 0.0 and 0.34 per 100,000, respectively.
- There were two AV medications prescribed to children during Week 41. The number of AVs dispensed to children during Week 41 was equal to the seasonal baseline.

Other Age Groups:

- During Week 41, the laboratory influenza rates among the 18-44 and 45+ age groups were 1.04 and 1.33 per 100,000, respectively.

In the News

- WHO notes declining Southern Hemisphere influenza season. More
- Some manufacturers and US regions are reporting delays in influenza vaccine shipments. More
- First report of this of deaths due to influenza in the US appear in North Carolina and Idaho. More