DON Influenza SITREP

2012-2013 Influenza Season
Week 46 (November 11 — November 17, 2012)

Laboratory Summary:
- There were 16 laboratory positive influenza results among DON beneficiaries during Week 46 (above seasonal baseline).
  - Top three facilities: NH Pensacola (6), Ft. Gordon (3), Keesler AFB (2)
  - NH Beaufort has had the most cases this season (19).
- 12 cases were positive by rapid test, three were positive by culture, and one was positive by PCR.

Antivirals:
- There were 30 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 28 oseltamivir).
- The frequency of AV prescriptions during Week 46 was three times the seasonal baseline.

Inpatient:
- There were eight inpatient influenza tests performed during Week 46; none were positive.
- One inpatient AV prescription was dispensed in Week 46.
- There were no inpatient cases reported to DRSi this week.

Active Duty & Recruits:
- There were no laboratory positive influenza cases among active duty service members in Week 46.
- There were no laboratory positive influenza cases among recruits in Week 46.
- The ILI rate remains low for both LANT and PAC Fleets (0.01% and 0.04%, respectively).

Children:
- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 0.7 per 100,000 and 2.3 per 100,000, respectively.
- Nine AV prescriptions were dispensed to children this week (30.0%).

Additional Information:
- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week. There have been four coinfections among DON beneficiaries this season (two Staphylococcus, two Streptococcus).

Vaccination:
- 83.5% of active duty Navy personnel have been vaccinated as of this week.
- 75.9% of active duty Marine Corps personnel have been vaccinated as of this week.

In the News:
- The 2012 southern hemisphere influenza season (April-October) was generally worse this season compared to previous two years (WHO).
- There was an increase in overall influenza activity in the US in Week 45 (CDC).

Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil
Laboratory Summary:
- There were 16 positive laboratory influenza results identified among DON beneficiaries in Week 46 (15 Type A and one Type B).
- During Week 46, 15% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 46 of last season (3%).
- The number of cases this week remains above the seasonal baseline. Week 46 had the most cases so far this season.
- In Week 46, 12 cases were positive by rapid antigen test, three were positive by culture, and one was positive by PCR.

| Frequency of Testing Types among Positive Influenza Tests |
|---|---|---|---|
| Rapid | PCR | Culture | Unspecified |
| Week 46 | 75% | 6% | 19% | — |
| Season | 68% | 1% | 31% | — |

Antivirals:
- There were 30 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 28 oseltamivir). One of the antiviral prescriptions was in the inpatient setting.
- There have been 108 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (nine amantadine, 99 oseltamivir).
- The number of AV medications dispensed during Week 46 was three times the seasonal baseline.

Inpatient:
- There were eight inpatient influenza tests performed among DON beneficiaries in Week 46; none were positive.
- There was one AV medication prescribed in the inpatient setting this week. The inpatient case was a female, child age 5-17 at Ft. Sam Houston.
- There were no inpatient cases reported to DRSi this week.
- No ILI-related ER visits this week resulted in an inpatient admission.
Active Duty & Recruits:
- There were no positive results among DON active duty service members in Week 46.
- There were no positive results among DON recruits in Week 46.

Children:
- The rate of positive influenza results in Week 46 was highest in the 5-17 age group, at 2.3 per 100,000. The rate in the 0-4 age group was 0.7 per 100,000.
- There were nine AV medications prescribed to children in Week 46. The number of AVs dispensed to children during Week 46 was above the seasonal baseline.

Other Age Groups:
- During Week 46, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.5 per 100,000 and 1.0 per 100,000, respectively.

Vaccination:
- As of November 17, 2012, 83.5% of Navy and 75.9% of Marine Corps active duty service members have received an influenza vaccine.

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<th>Component</th>
<th>Total</th>
<th>Immunized*</th>
<th>%</th>
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<tbody>
<tr>
<td>Active Duty</td>
<td>316,220</td>
<td>263,913</td>
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<tr>
<td>Reserve</td>
<td>62,712</td>
<td>49,951</td>
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<th>Component</th>
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<tbody>
<tr>
<td>Active Duty</td>
<td>196,832</td>
<td>149,415</td>
<td>75.9</td>
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<tr>
<td>Reserve</td>
<td>33,360</td>
<td>24,512</td>
<td>73.5</td>
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</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.