DON Influenza SITREP
2013-2014 Influenza Season
Week 19 (4 May 2014 — 10 May 2014)

Laboratory:
There were seven laboratory positive influenza results among DON beneficiaries during Week 19 (slightly above seasonal baseline). More

Antivirals:
There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine, 13 oseltamivir). Influenza-specific AV prescriptions this week were comparable to baseline. More

Inpatient:
There were 10 inpatient influenza tests performed during Week 19; none were positive. There were four inpatient AV prescriptions dispensed this week and two cases were reported to DRSi. More

Vaccination:
96.1% of Navy and 94.1% of Marine Corps active duty service members have received an influenza vaccine (as of 10 May 2014). More

Both active duty cases this week were vaccinated more than 14 days prior to infection. More

Most active duty cases this season (86%) were vaccinated more than 14 days before infection. More

Coinfections:
One coinfection was identified among DON beneficiaries during Week 19. More

Active Duty & Recruits:
In Week 19, there were two laboratory positive influenza cases 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 and 0.7 per 100,000, respectively. There were three AV prescriptions dispensed to children this week (21.4%). More

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

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Laboratory:

- There were seven positive laboratory influenza results identified among DON beneficiaries in Week 19 (two Type A, two Type B, two dual infections, one nonspecific flu type).
- Seven facilities had one case each.
  - NMC San Diego has had the most cases this season (204), followed by NH Lemoore (171) and NH Bremerton (85).
- During Week 19, 6.1% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 19 of last season (1.5%).
- The number of cases this week is slightly above seasonal baseline.
- In Week 19, five cases were positive by rapid test, one was positive by culture, and one was positive by PCR.

<table>
<thead>
<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 19</td>
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<td>Season</td>
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Antivirals:

- There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine, 13 oseltamivir). Overall, there have been 2,243 AVs prescribed to DON beneficiaries this season (34 amantadine, 2,209 oseltamivir).
- Antiviral prescriptions were comparable to seasonal baseline.
- Four of the antiviral prescriptions were in the inpatient setting.
Inpatient:
- There were 10 inpatient influenza tests performed among DON beneficiaries in Week 19; none were positive.
- There were four AV medications prescribed in the inpatient setting this week.
  - This week’s cases were mostly Navy (100.0%), spouses (50.0%) ages 45+ (75.0%). Three patients received oseltamivir and one received amantadine.
  - Inpatient prescriptions this week were prescribed at NMC Portsmouth (two), Ft. Lewis, and Ft. Shafter.
- There were two inpatient cases reported to DRSi this week.
  - This week’s cases were a female child age 0-4 at NH Beaufort not identified in HL7 surveillance efforts, and a male active duty patient at Tripler AMC also identified through pharmacy and laboratory surveillance.
  - Here have been 39 cases reported to DRSi since the beginning of the season.

Coinfections:
- There was one bacterial coinfection identified among DON beneficiaries in Week 19 (Streptococcus). More
- There have been 56 coinfections identified this season (Streptococcus 15, Escherichia 13, Staphylococcus 5, others).
Active Duty & Recruits:

- There were two positive laboratory influenza results among DON active duty service members in Week 19. Click table at right for vaccination status of this week’s active duty cases.
  - One case was a Navy service member and one case was a Marine Corps service member. One was Type A positive and one was a dual infection.
  - Both cases were at Walter Reed.
- There were no positive laboratory influenza results among DON recruits in Week 19.
- Three active duty service members received AVs during Week 19.
  - Two (66.7%) were Navy and one (33.3%) was Marine Corps.
  - This week’s cases were dispensed at Dilorenzo Tricare Health Clinic, NH Camp Pendleton, and NSA Panama City NBHC.
- There were no AVs dispensed to recruits during Week 19.

Children:

- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 19 were 0 and 0.7 per 100,000, respectively.
- There were three AV medications prescribed to children during Week 19. The number of AVs dispensed to children during Week 19 was comparable to seasonal baseline.

Other Age Groups:

- During Week 19, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.2 and 0.8 per 100,000, respectively.

In the News:

- The CDC’s FluView report for Week 18 indicates that seasonal influenza activity is low and declining, although influenza viruses continue to circulate and cause illness in the United States. More
- CDC issued a report on the first confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV) infection in the US. More