

DON Influenza SITREP

2012-2013 Influenza Season
Week 42 (October 14 — October 20, 2012)

Laboratory Summary:

- There were nine laboratory positive influenza results among DON beneficiaries during Week 42. (above seasonal baseline)
- Positive tests in Week 42 were from NH Naples (three), NH Beaufort (two), NH Twentynine Palms (one), NH Jacksonville (one), Walter Reed (one), and Keesler AFB (one).
- All cases were positive by rapid antigen test. **More**

Antivirals:

- There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine and 13 oseltamivir).
- The rate of AV prescriptions during Week 42 was above the seasonal baseline. **More**

Inpatient:

- There were five inpatient influenza tests performed during Week 42; none were positive.
- Two inpatient AV prescriptions were dispensed in Week 42 (14.3%).
- There was one inpatient case reported to DRSi this week (recruit). **More**

Vaccination:

65.1% of active duty Navy personnel have been vaccinated as of this week.

58.9% of active duty Marine Corps personnel have been vaccinated as of this week.

More

Active Duty & Recruits:

- There was one laboratory positive influenza case among active duty service members in Week 42 (Navy).
- There were no influenza positive results among recruits in Week 42.
- The ILI rate remains low for both LANT and PAC Fleets (0.03% and 0.04%, respectively). **More**

Children:

- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 1.4 per 100,000 and 0 per 100,000, respectively.
- Two AV prescriptions were dispensed to children this week (14.3%). **More**

Additional Information:

- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

In the News:

- A new study in *Disaster Medicine and Public Health Preparedness* compares control measures in H1N1 outbreaks aboard two aircraft carriers during the 2009 pandemic. **More**

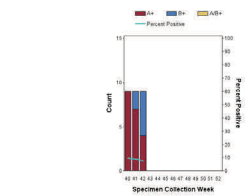
Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil



Laboratory Summary:

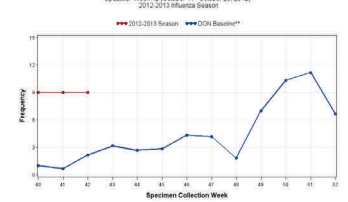
- There were nine positive laboratory influenza results identified among DON beneficiaries in Week 42.
 - Four Type A and five Type B
 - One patient had a dual infection (both Type A and Type B).
- During Week 42, 7.6% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 42 of last season (3.1%).
- The number of cases this week remains above the seasonal baseline.
- In Week 42, all cases tested positive by rapid antigen test.

Influenza Positive DON MHS Laboratory Test Results by Type*
Updated: Week 42 (October 14 - October 20, 2012)
2012-2013 Influenza Season



*Includes USFAM positive results and multiple positive results
**Cases were not tested in previous weeks as indicated by DOD

Comparison of Influenza Cases: Current Season and DON Baseline
Updated: Week 42 (October 14 - October 20, 2012)
2012-2013 Influenza Season



*Includes USFAM positive results and multiple positive results
**Baseline is based on weekly average of 2008-2009, 2009-2010, and 2010-2011 seasons Weeks 39-42

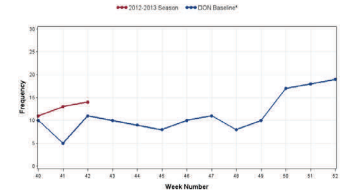
Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 42	100%	—	—	—
Season	72%	—	28%	—

[Back](#)

Antivirals:

- There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine and 13 oseltamivir).
- There have been 38 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (six amantadine and 32 oseltamivir).
- The number of AV medications dispensed during Week 42 remains above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline
Updated: Week 42 (October 14 - October 20, 2012)
2012-2013 Influenza Season



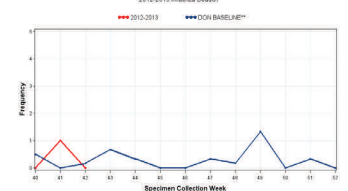
*Weighted average of 2008-2009, 2009-2010, and 2010-2011 seasons Weeks 40-52

[Back](#)

Inpatient:

- There were five inpatient influenza tests performed among DON beneficiaries in Week 42; none were positive.
- There were two AV medications prescribed in the inpatient setting this week.
 - Cases this week were a male, non-active duty sponsor, 45 + years old at Keesler AFB, and a male, child, age 5-17 at NMC Portsmouth.
- The inpatient case reported to DRSi was a 18-44 year old, male Navy recruit in Great Lakes. This inpatient case was at a VA hospital and laboratory testing information is not available in CHCS-based HL7 surveillance. He was reported by and received an AV prescription at Great Lakes.
- There were no coinfections identified among inpatient cases this week.
- There were no inpatient ILI diagnoses during Week 42, and no ILI-related ER visits this week resulted in an inpatient admission.

Influenza Positive Laboratory Results for DON Inpatient MEPRS Codes (A)
Updated: Week 42 (October 14 - October 20, 2012)
2012-2013 Influenza Season



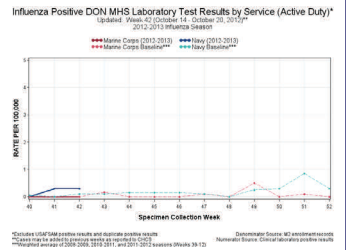
*Includes USFAM positive results and multiple positive results
**Baseline is based on weekly average of 2008-2009, 2009-2010, and 2010-2011 seasons Weeks 39-42

[Back](#)



Active Duty & Recruits:

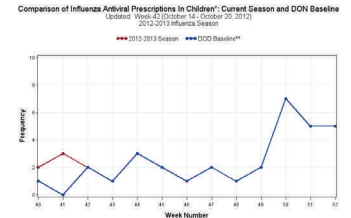
- There was one positive result among DON active duty service members in Week 42.
 - The case was an 18-44 year old, Navy female who tested positive via rapid test for Type A at NH Naples.
- There were no positive results among DON recruits in Week 42.



[Back](#)

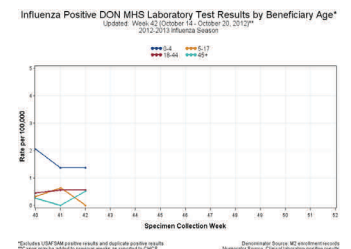
Children:

- The 0-4 age group had the highest rate of laboratory influenza this week (1.37 per 100,000). There were no laboratory positive influenza cases in the 5-17 age group.
- There were two AV medications prescribed to children in Week 42. The number of AVs dispensed to children during Week 42 was at the seasonal baseline.



Other Age Groups:

- During Week 42, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.56 per 100,000 and 0.52 per 100,000, respectively.



[Back](#)

Vaccination:

- As of October 20, 2012, 65.1% of Navy and 58.9% of Marine Corps active duty service members have received an influenza vaccine.
- The Navy active duty laboratory case this week had not received an influenza vaccine.
- The Marine Corps recruit case reported to DRSi this week was not vaccinated.

Navy			
Component	Total	Immunized*	%
Active Duty	317,002	206,299	65.1
Reserve	62,360	38,509	61.7
Marine Corps			
Component	Total	Immunized*	%
Active Duty	197,266	116,209	58.9
Reserve	33,217	18,384	55.3

*Includes both injection and intranasal influenza vaccines.
 Force strength for active duty and reserve forces was generated using the June 2012 Defense Manpower Data Center data.

[Back](#)

