

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. **More**

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. **More**

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. **More**

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). **More**

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%). **More**

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*).

In the News:

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

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.

More

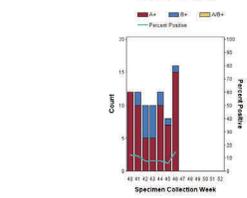
Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil



Laboratory Summary:

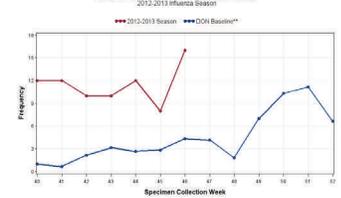
- There were 16 positive laboratory influenza results identified among DON beneficiaries in Week 46 (15 Type A and one Type B).
- During Week 46, 15% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 46 of last season (3%).
- The 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.

Influenza Positive DON MHS Laboratory Test Results by Type*
Updated: Week 46 (November 11 - November 17, 2012)*



*Excludes USFAM positive results and multiple positive results
*Positive results are shown in red in the chart

Comparison of Influenza Cases: Current Season and DON Baseline
Updated: Week 46 (November 11 - November 17, 2012)*



*Excludes USFAM positive results and multiple positive results
**Baseline is an average of 2008-2009, 2009-2010, 2010-2011, and 2011-2012 seasons (Weeks 39-47)

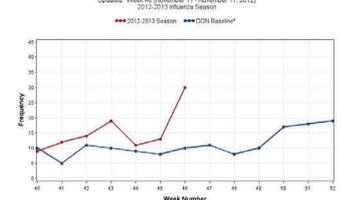
Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 46	75%	6%	19%	—
Season	68%	1%	31%	—

[Back](#)

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.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline
Updated: Week 46 (November 11 - November 17, 2012)*



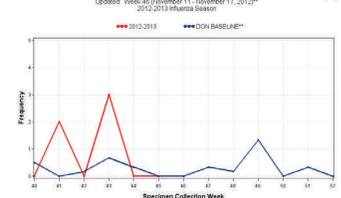
*Weighted average of 2008-2009, 2009-2010, 2010-2011, and 2011-2012 seasons (Weeks 40-47)

[Back](#)

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.

Influenza Positive Laboratory Results for DON Inpatient MEPRS Codes (A)
Updated: Week 46 (November 11 - November 17, 2012)*



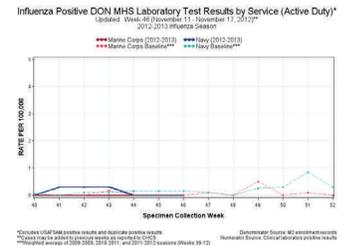
*Excludes USFAM positive results and multiple positive results
**Baseline is an average of 2008-2009, 2009-2010, 2010-2011, and 2011-2012 seasons (Weeks 39-47)

[Back](#)



Active Duty & Recruits:

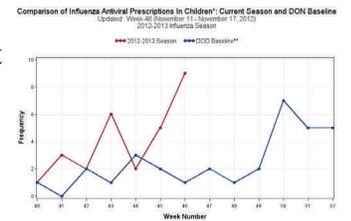
- There were no positive results among DON active duty service members in Week 46.
- There were no positive results among DON recruits in Week 46.



[Back](#)

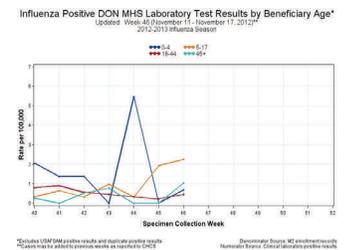
Children:

- 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.



[Back](#)

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.

Navy			
Component	Total	Immunized*	%
Active Duty	316,220	263,913	83.5
Reserve	62,712	49,951	79.6
Marine Corps			
Component	Total	Immunized*	%
Active Duty	196,832	149,415	75.9
Reserve	33,360	24,512	73.5

*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.

[Back](#)

