

DON Influenza SITREP

2012-2013 Influenza Season Week 48 (November 25 — December 1, 2012)

Laboratory Summary:

- There were 20 laboratory positive influenza results among DON beneficiaries during Week 48 (above seasonal baseline).
 - Top facilities: NH Pensacola (six), NHC Charleston (four), Keesler AFB (two), and NH Bremerton (two).
- NH Pensacola has had the most cases this season (27).
- 15 cases were positive by rapid test, three by culture, and two by PCR. **More**

Antivirals:

- There were 36 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 34 oseltamivir).
- The frequency of AV prescriptions during Week 48 was above the seasonal baseline. **More**

Inpatient:

- There were 12 inpatient influenza tests performed during Week 48; none were positive.
- Four inpatient AV prescription was dispensed in Week 48.
- No inpatient cases were reported to DRSi this week. **More**

Active Duty & Recruits:

- There were no laboratory positive influenza cases among active duty service members or recruits in Week 48.
- The ILI rate remains low for both LANT and PAC Fleets (0.05% and 0.08%, respectively). **More**

Children:

- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 2.7 per 100,000 and 1.9 per 100,000, respectively.
- There were six AV prescriptions dispensed to children this week (16.7%). **More**

Additional Information:

- There were no coinfections identified this week. There have been four coinfections among DON beneficiaries this season (two *Staphylococcus*, two *Streptococcus*).

In the News:

- CDC reports that flu activity has increased about a month earlier than typical seasons. ILI activity reached the national baseline in Week 47, which is the earliest point since the 2003-2004 season, the last severe non-pandemic season. **More**

Vaccination:

86.1% of active duty Navy personnel have been vaccinated as of this week.

79.9% of active duty Marine Corps personnel have been vaccinated as of this week.

More

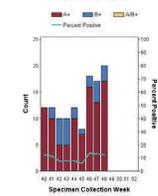
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Laboratory Summary:

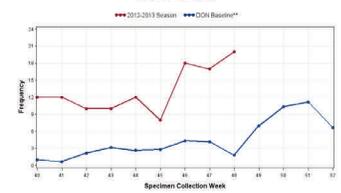
- There were 20 positive laboratory influenza results identified among DON beneficiaries in Week 48 (17 Type A, three Type B).
- During Week 48, 12% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 48 of last season (0%).
- The number of cases this week remains above the seasonal baseline.
- In Week 48, 15 cases were positive by rapid test, three were positive by culture, and two were positive by PCR.

Influenza Positive DON MHS Laboratory Test Results by Type*



*Excludes USFDM positive results and multiple positive results
**Cases include all tests (PCR, Culture, and Unspecified) by type

Comparison of Influenza Cases: Current Season and DON Baseline



Excludes USFDM positive results and multiple positive results
**Cases include all tests (PCR, Culture, and Unspecified) by type

*Adjusted average of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 39-49

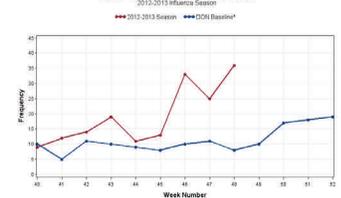
Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 48	75%	10%	15%	—
Season	67%	1%	31%	—

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Antivirals:

- There were 36 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine, 34 oseltamivir). Four of the antiviral prescriptions were in the inpatient setting.
- There have been 172 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (11 amantadine, 161 oseltamivir).
- The number of AV medications dispensed during Week 48 was above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline



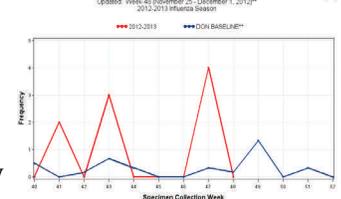
*Adjusted average of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 40-49

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Inpatient:

- There were 12 inpatient influenza tests performed among DON beneficiaries in Week 48; none were positive.
- There were four AV medications prescribed in the inpatient setting this week.
 - There were three female spouses, two age 45 + and one age 18-44, each treated with oseltamivir at Keesler, NH Pensacola, and Ft. Belvoir Community Hospital. The remaining case was a male non-active duty sponsor age 45+ treated with amantadine at NH Twentynine Palms.
- There were no inpatient cases reported to DRSi this week; there have been five inpatient cases reported to DRSi this season.

Influenza Positive Laboratory Results for DON Inpatient MEPRS Codes (A)



Excludes USFDM positive results and multiple positive results
**Cases include all tests (PCR, Culture, and Unspecified) by type

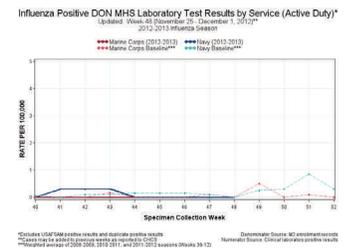
*Adjusted average of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 39-49

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Active Duty & Recruits:

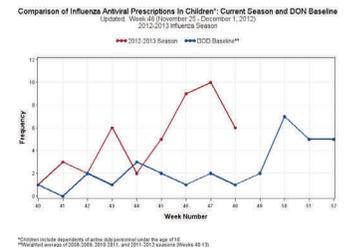
- No positive laboratory influenza results have been identified in DON active duty service members since Week 43, or in DON recruits since Week 41.



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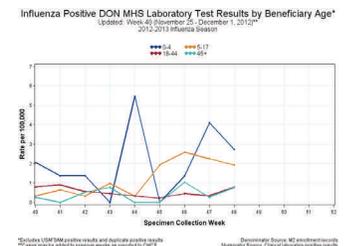
Children:

- The rate of positive influenza results in Week 48 was highest in the 0-4 age group, at 2.7 per 100,000. The rate in the 5-17 age group was 1.9 per 100,000.
- There were six AV medications prescribed to children in Week 48. The number of AVs dispensed to children during Week 48 was above the seasonal baseline.



Other Age Groups:

- During Week 48, the laboratory influenza rates among the 18-44 and 45+ age groups were each 0.8 per 100,000.



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Vaccination:

- As of December 1, 2012, 86.1% of Navy and 79.9% of Marine Corps active duty service members have received an influenza vaccine.

Navy			
Component	Total	Immunized*	%
Active Duty	316,220	272,363	86.1
Reserve	62,712	52,555	83.8
Marine Corps			
Component	Total	Immunized*	%
Active Duty	196,832	157,337	79.9
Reserve	33,360	25,469	76.3

*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.

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