

# DON Influenza SITREP

2012-2013 Influenza Season

Week 40 (September 30 — October 6, 2012)

## Laboratory Summary:

- There were six laboratory positive influenza results among DON beneficiaries in Week 40.
- Positive tests in Week 40 were from NH Beaufort (four), NHC Hawaii (one), and NH Guam-Agana (one)
- Three cases were positive by rapid antigen test, and three cases were positive by culture.
- The number of cases this week was above the seasonal baseline. **More**

## Antivirals:

- There were 11 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine and nine oseltamivir).
- The rate of AV prescriptions during Week 40 was above the seasonal baseline. **More**

## Inpatient:

- There were 11 inpatient influenza tests performed during Week 40; none were positive.
- Three inpatient AV prescriptions were given in Week 40 (27.3%). **More**

## Vaccination:

51.3% of active duty Navy personnel have been vaccinated as of this week.

45.7% of active duty Marine Corps personnel have been vaccinated as of this week.

**More**

## Active Duty & Recruits:

- There were no influenza positive results among active duty service members in Week 40.
- There were two influenza positive results among recruits in Week 40 (two Marine Corps).
- The ILI rate remains low for both LANT and PAC Fleets (0.02% and 0.03%, respectively). **More**

## Children:

- Influenza rates in the 0-4 and 5-17 year old age groups were 1.32 per 100,000 and 0.32 per 100,000, respectively.
- Three AV prescriptions were dispensed to children this week (27.3%). **More**

## Additional Information:

- There were no influenza cases reported to DRSi in Week 40.
- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

## In the News:

- CDC released an update of influenza activity in the US and worldwide during the offseason (May 20-September 22, 2012). **More**
- A new HHS contract will advance the development of a new influenza antiviral that could work against all known influenza viruses. **More**

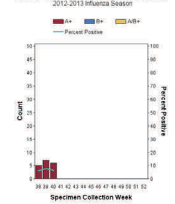
Contact Information: Gosia Nowak, 757-953-0979, [gosia.nowak@med.navy.mil](mailto:gosia.nowak@med.navy.mil)



## Laboratory Summary:

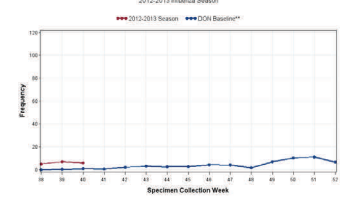
- There were six positive laboratory influenza results identified among DON beneficiaries in Week 40.
  - All Type A
- 6.45% of all influenza tests performed during Week 40 were positive.
  - This is higher than the percentage of positive tests in Week 40 of last season (2011-2012).
- The number of cases this week is above the seasonal baseline.
- In Week 40, three cases tested positive by rapid antigen test and three tested positive by culture.

Influenza Positive DON MHS Laboratory Test Results by Type\*



\*Includes USAM DM positive results and multiple positive results  
 \*\*Cases which are listed in previous weeks as unclassified PCR

Comparison of Influenza Cases: Current Season and DON Baseline



\*Includes USAM DM positive results and multiple positive results  
 \*\*Cases which are listed in previous weeks as unclassified PCR  
 \*\*\*Weighted average of 2008-2009, 2009-2010, 2010-2011, and 2011-2012 seasons Weeks 39-52

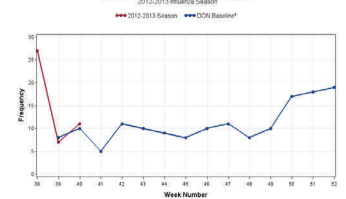
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Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
<b>Week 40</b>	50%	—	50%	—
<b>Season</b>	50%	—	50%	—

## Antivirals:

- There were nine influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (two amantadine and nine oseltamivir).
- The number of AV medications dispensed during Week 40 was above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline



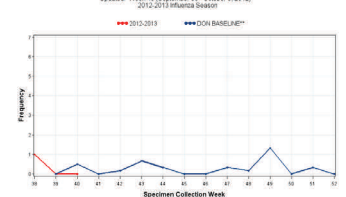
\*Weighted average of 2008-2009, 2009-2010, 2010-2011, and 2011-2012 seasons Weeks 39-52

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## Inpatient:

- There were 11 inpatient influenza tests performed among DON beneficiaries in Week 40; none were positive.
- There were three AV medications prescribed in the inpatient setting this week
  - One amantadine and two oseltamivir
- There were no coinfections identified among inpatient cases this week.
- There were no inpatient ILI diagnoses this week.

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



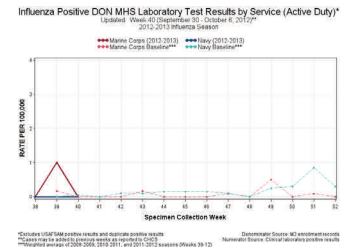
\*Includes USAM DM positive results and multiple positive results  
 \*\*Cases which are listed in previous weeks as unclassified PCR  
 \*\*\*Weighted average of 2008-2009, 2009-2010, 2010-2011, and 2011-2012 seasons Weeks 39-52

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## Active Duty & Recruits:

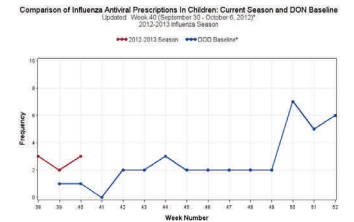
- There were no positive results among DON active duty service members in Week 40.
- There were two positive results among DON recruits in Week 40.
  - Both cases were 18-44 male Marine Corps recruits at NH Beaufort, positive for influenza Type A via culture.



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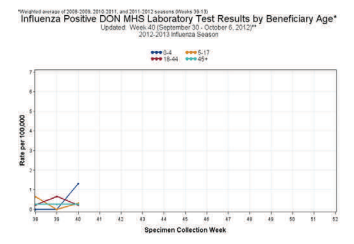
## Children:

- The 0-4 age group had the highest rate of influenza this week (1.32 per 100,000), followed by the 5-17 age group (0.32 per 100,000).
- There were three AV medications prescribed to children in Week 40. The number of AVs dispensed to children was above the seasonal baseline.



## Other Age Groups:

- For Week 40, the influenza rates among the 18-44 and 45+ age groups were 0.22 per 100,000 and 0.26 per 100,000, respectively.



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## Vaccination:

- As of October 10, 2012, 51.3% of Navy and 45.7% of Marine Corps active duty service members have received an influenza vaccine.
- One of the Marine Corps recruit cases received a vaccine more than 14 days prior to infection (LAIV), while the other Marine Corps recruit case was not vaccinated.

Navy			
Component	Total	Immunized*	%
Active Duty	317,002	162,543	51.3
Reserve	62,360	25,749	41.3
Marine Corps			
Component	Total	Immunized*	%
Active Duty	197,266	90,175	45.7
Reserve	33,217	10,524	31.7

\*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.

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