

DON Influenza SITREP

2012-2013 Influenza Season
Week 41 (October 7 — October 13, 2012)

Laboratory Summary:

- There were eight laboratory positive influenza results among DON beneficiaries during Week 41.
- Positive tests in Week 41 were from NH Beaufort (three), NH Naples (three), NH Rota (two) and 36th Med Group—Andersen (one)
- All eight cases were positive by rapid antigen test.
- The number of cases this week was above the seasonal baseline. [More](#)

Antivirals:

- There were 12 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (three amantadine and nine oseltamivir).
- The rate of AV prescriptions during Week 41 was above the seasonal baseline. [More](#)

Inpatient:

- There were eight inpatient influenza tests performed during Week 41; one was positive.
- Two inpatient AV prescriptions were dispensed in Week 41 (16.7%). [More](#)

Vaccination:

58.7% of active duty Navy personnel have been vaccinated as of this week.

51.8% of active duty Marine Corps personnel have been vaccinated as of this week.

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Active Duty & Recruits:

- There was one influenza positive result among active duty service members in Week 41 (Navy).
- There was one influenza positive result among recruits in Week 41 (Marine Corps).
- The ILI rate remains low for both LANT and PAC Fleets (0.01% and 0.03%, respectively). [More](#)

Children:

- Influenza rates in the 0-4 and 5-17 year old age groups were 1.4 per 100,000 and 0.3 per 100,000, respectively.
- Two AV prescriptions were dispensed to children this week (16.7%). [More](#)

Additional Information:

- There were no influenza cases reported to DRSi in Week 41.
- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

In the News:

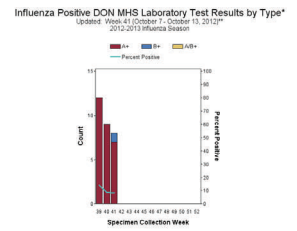
- CDC reported low influenza activity during the first week of the 2012-2013 season, based on all key indicators. [More](#)
- The American Academy of Pediatrics released new guidelines for influenza and children. The vaccine recommendations did not change (LIAV or shot for children > 6 months), but some children may need more than one shot to cover the influenza season. [More](#)

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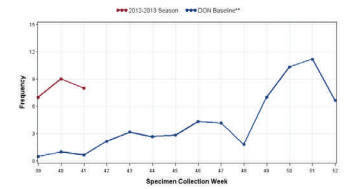


Laboratory Summary:

- There were eight positive laboratory influenza results identified among DON beneficiaries in Week 41.
 - Seven Type A and one Type B
 - One patient had a dual infection (both Type A and Type B).
- During Week 41, 8.4% of all influenza tests performed were positive.
 - This is higher than the percentage of tests resulting positive in Week 41 of last season (0.0%).
- The number of cases this week remains above the seasonal baseline.
- In Week 41, all eight cases tested positive by rapid antigen test.



Comparison of Influenza Cases: Current Season and DON Baseline



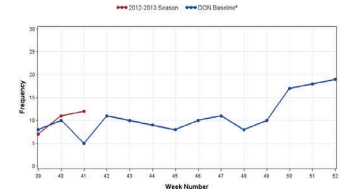
Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 40	100%	—	—	—
Season	78.6%	—	21.4%	—

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Antivirals:

- There were 12 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (three amantadine and nine oseltamivir).
- The number of AV medications dispensed during Week 41 remains above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline

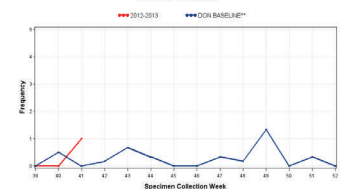


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Inpatient:

- There were eight inpatient influenza tests performed among DON beneficiaries in Week 41; one was positive.
 - This week's case was an 18-44 year old, male, Marine Corps recruit who tested rapid positive for Type A at NH Beaufort
 - This case was not reported to DRSi.
- There were two AV medications prescribed in the inpatient setting this week. (both oseltamivir)
 - Cases this week were a male, Marine Corps recruit, 18-44 years old at NH Beaufort, and a male, Marine Corps non-active duty sponsor, over the age of 45 at Ft. Belvoir Community Hospital.
- There were no coinfections identified among inpatient cases this week.
- There were no inpatient ILI diagnoses this week. One ILI related ER visit during Week 41 resulted in an inpatient admission (6.3%).

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

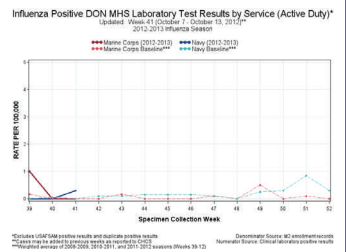


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Active Duty & Recruits:

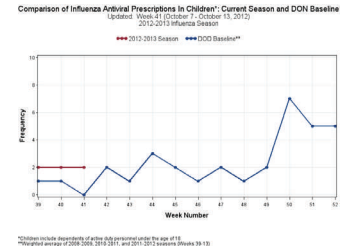
- There was one positive result among DON active duty service members in Week 41.
 - The case was an 18-44 year old, Navy male who tested rapid positive for Type A at NH Naples.
- There was one positive result among DON recruits in Week 41.
 - The case was an 18-44, Marine Corps male, inpatient who tested rapid positive for Type A at NH Beaufort.



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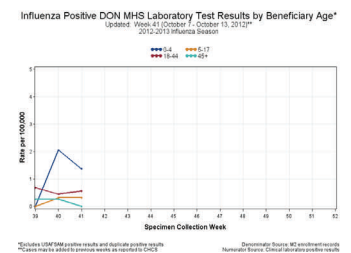
Children:

- The 0-4 age group had the highest rate of influenza this week (1.4 per 100,000). The rate of influenza positives in the 5-17 age group is the same as Week 40 (0.3 per 100,000).
- There were two AV medications prescribed to children in Week 41. The number of AVs dispensed to children remains above the seasonal baseline.



Other Age Groups:

- During Week 41, the influenza rates among the 18-44 and 45+ age groups were 0.6 per 100,000 and 0.0 per 100,000, respectively.



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Vaccination:

- As of October 13, 2012, 58.7% of Navy and 51.8% of Marine Corps active duty service members have received an influenza vaccine.
- The Navy active duty case received a vaccine more than 14 days prior to infection (LAIV), while the Marine Corps recruit case was not vaccinated.

Navy			
Component	Total	Immunized*	%
Active Duty	317,002	186,234	58.7
Reserve	62,360	31,104	49.9
Marine Corps			
Component	Total	Immunized*	%
Active Duty	197,266	102,265	51.8
Reserve	33,217	12,634	38.0

*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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