

DON Influenza SITREP

2012-2013 Influenza Season
Week 44 (October 28 — November 3, 2012)

Laboratory Summary:

- There were 11 laboratory positive influenza results among DON beneficiaries during Week 44 (above seasonal baseline).
 - Top three facilities: NH Pensacola (five), Keesler AFB (two), NH Naples (two)
- Nine were positive by rapid test and two were positive by culture. **More**

Antivirals:

- There were 10 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- The rate of AV prescriptions during Week 44 continues to be above the seasonal baseline. **More**

Inpatient:

- There were seven inpatient influenza tests performed during Week 44; none were positive.
- Two inpatient AV prescriptions were dispensed in Week 44 (20.0%).
- There were two inpatient cases reported to DRSi this week. **More**

Vaccination:

77.5% of active duty Navy personnel have been vaccinated as of this week.

69.9% of active duty Marine Corps personnel have been vaccinated as of this week.

More

Active Duty & Recruits:

- There were no laboratory positive influenza cases among active duty service members in Week 44.
- There were no laboratory positive influenza cases among recruits in Week 44.
- The ILI rate remains low for both LANT and PAC Fleets (0.02% and 0.03%, respectively). **More**

Children:

- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 5.5 per 100,000 and 0.3 per 100,000, respectively.
- Two AV prescriptions were dispensed to children this week (20.0%). **More**

Additional Information:

- There have been no pneumonia cases identified this season.
- Three influenza coinfections were identified this week (two *Staphylococcus*, one *Streptococcus*) at Keesler AFB. The cases were two male non-active duty sponsors and a female spouse, all over the age of 45.

In the News:

- An evaluation of rapid influenza tests conducted by the CDC finds that rapid tests perform best at high viral loads. **More**
- Scientists move close to a lasting flu vaccine. **More**

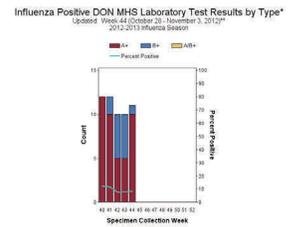
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Laboratory Summary:

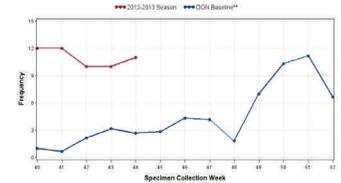
- There were 11 positive laboratory influenza results identified among DON beneficiaries in Week 44 (10 Type A and one Type B).
- During Week 44, 8.3% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 44 of last season (1.7%).
- The number of cases this week remains above the seasonal baseline.
- In Week 44, nine cases were positive by rapid antigen test and two were positive by culture.

Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 44	82%	—	18%	—
Season	68%	—	32%	—



Includes USFAM positive results and multiple positive results. *Cases include all data received weeks as indicated (2012).

Comparison of Influenza Cases: Current Season and DON Baseline
Updated: Week 44 (October 28 - November 3, 2012)
2012-2013 Influenza Season



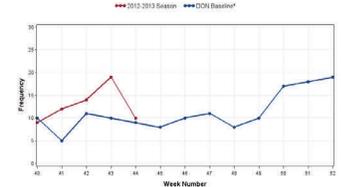
Includes USFAM positive results and multiple positive results. *Cases include all data received weeks as indicated (2012).

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Antivirals:

- There were 10 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Two of the antiviral prescriptions were in the inpatient setting.
- There have been 64 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (six amantadine and 58 oseltamivir).
- The number of AV medications dispensed during Week 44 remains above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline
Updated: Week 44 (October 28 - November 3, 2012)
2012-2013 Influenza Season



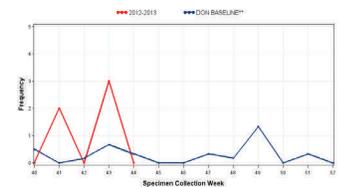
Weighted average of 2008-2009, 2010-2011, and 2011-2012 seasons (Weeks 40-51).

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Inpatient:

- There were seven inpatient influenza tests performed among DON beneficiaries in Week 44; none were positive.
- There were two AV medications prescribed in the inpatient setting this week.
 - This week's cases were a male, non-active duty Navy sponsor over the age of 45 and a 0-4 year old male Navy child. Both inpatient AVs were dispensed at Keesler AFB.
- There were two inpatient cases reported to DRSi this week.
 - The first case was a 18-44 year old male recruit at Beaufort with infection onset in early October. This case was also identified in HL7 laboratory and pharmacy surveillance.
 - The second case was a 5-17 year old female patient at Fort Gordon with infection onset 2 November. This case was also identified in HL7 laboratory surveillance.
- There were no inpatient ILI diagnoses during Week 44, 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 44 (October 28 - November 3, 2012)
2012-2013 Influenza Season



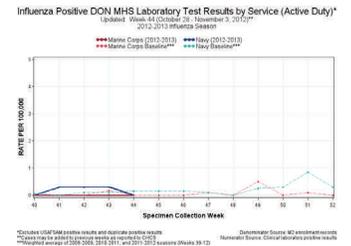
Includes USFAM positive results and multiple positive results. *Cases include all data received weeks as indicated (2012).

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Active Duty & Recruits:

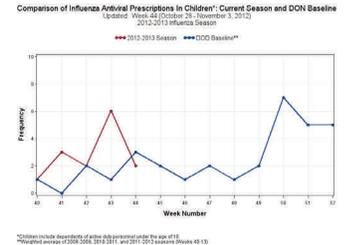
- There were no positive results among DON active duty service members in Week 44.
- There were no positive results among DON recruits in Week 44.



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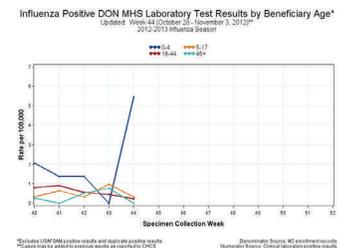
Children:

- The rate of positive influenza results in Week 44 was highest in the 0-4 age group, at 5.5 per 100,000. The rate in the 5-17 age group was 0.3 per 100,000.
- There were two AV medications prescribed to children in Week 44. The number of AVs dispensed to children during Week 44 was below the seasonal baseline.



Other Age Groups:

- During Week 44, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.2 per 100,000 and 0 per 100,000, respectively.



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Vaccination:

- As of November 3, 2012, 77.5% of Navy and 69.9% of Marine Corps active duty service members have received an influenza vaccine.

Navy			
Component	Total	Immunized*	%
Active Duty	316,629	245,482	77.5
Reserve	62,548	45,167	72.2
Marine Corps			
Component	Total	Immunized*	%
Active Duty	196,831	137,610	69.9
Reserve	33,261	22,222	66.8

*Includes both injection and intranasal influenza vaccines.

Force strength for active duty and reserve forces was generated using the July 2012 Defense Manpower Data Center data.

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