

DON Influenza SITREP

2012-2013 Influenza Season
Week 43 (October 21 — October 27, 2012)

Laboratory Summary:

- There were nine laboratory positive influenza results among DON beneficiaries during Week 43 (above seasonal baseline).
 - Top two facilities: Keesler AFB (four), NH Pensacola (two)
- All cases were positive by rapid antigen test. **More**

Antivirals:

- There were 15 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- The rate of AV prescriptions during Week 43 continues to be above the seasonal baseline. **More**

Inpatient:

- There were nine inpatient influenza tests performed during Week 43; three were positive.
- Five inpatient AV prescriptions were dispensed in Week 43 (33.3%).
- There was one inpatient case reported to DRSi this week. **More**

Vaccination:

71.4% of active duty Navy personnel have been vaccinated as of this week.

65.3% of active duty Marine Corps personnel have been vaccinated as of this week.

More

Active Duty & Recruits:

- There was one laboratory positive influenza case among active duty service members in Week 43 (Navy).
- There were no influenza positive results among recruits in Week 43.
- The ILI rate remains low for both LANT and PAC Fleets (0.03% and 0.02%, respectively). **More**

Children:

- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 0 per 100,000 and 0.64 per 100,000, respectively.
- Four AV prescriptions were dispensed to children this week (26.7%). **More**

Additional Information:

- There have been no pneumonia cases identified this season.
- There were no coinfections identified this week.

In the News:

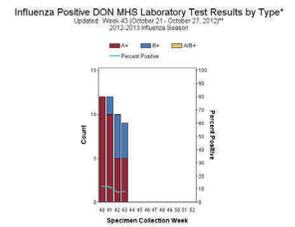
- WHO reports global influenza activity remains low for Weeks 40 and 41. **More**
- CDC releases 2011 annual report profiling its influenza surveillance projects around the world. **More**

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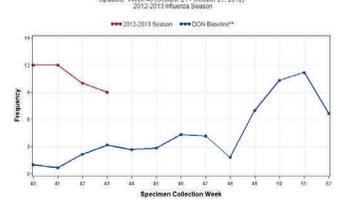
Laboratory Summary:

- There were nine positive laboratory influenza results identified among DON beneficiaries in Week 43 (five Type A and four Type B).
- During Week 43, 8.2% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 43 of last season (1.8%).
- The number of cases this week remains above the seasonal baseline.
- In Week 43, all cases tested positive by rapid antigen test.



*Excludes USDF DMZ positive results and multiple positive results
 **Cases include all influenza positive results as reported by DRSi

Comparison of Influenza Cases: Current Season and DON Baseline



*Excludes USDF DMZ positive results and multiple positive results
 **Cases include all influenza positive results as reported by DRSi
 ***Weighted average of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 40-53

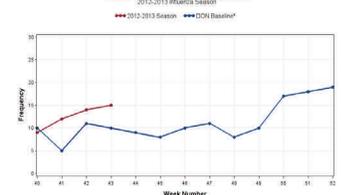
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Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 43	100%	—	—	—
Season	63%	—	37%	—

Antivirals:

- There were 15 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Five of the antivirals were in the inpatient setting.
- There have been 50 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (six amantadine and 44 oseltamivir).
- The number of AV medications dispensed during Week 43 remains above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline



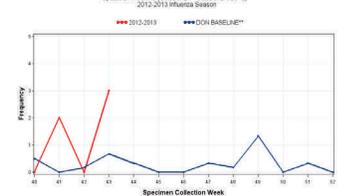
*Weighted average of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 40-53

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Inpatient:

- There were nine inpatient influenza tests performed among DON beneficiaries in Week 43; three were positive.
 - All three cases were female Navy spouses; two of which were 18-44 years old and one 45+. Two cases occurred at Keesler AFB and one at NH Sigonella.
- There were five AV medications prescribed in the inpatient setting this week.
 - The majority of this week's inpatient AV prescriptions were female, Navy spouses (80%). Three inpatient AVs were dispensed at Keesler AFB.
- The inpatient case reported to DRSi was a 45+ year old, female Navy retiree at Walter Reed. This case was not identified in HL7 laboratory or pharmacy surveillance.
- There were no coinfections identified among inpatient cases this week.
- There were no inpatient ILI diagnoses during Week 43, and no ILI-related ER visits this week resulted in an inpatient admission.

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



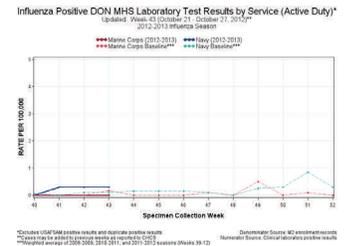
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Active Duty & Recruits:

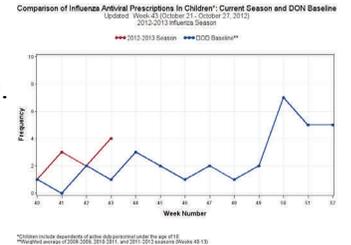
- There was one positive result among DON active duty service members in Week 43.
 - The case was an 18-44 year old Navy female who tested positive via rapid test for Type A at NH Pensacola.
- There were no positive results among DON recruits in Week 43.



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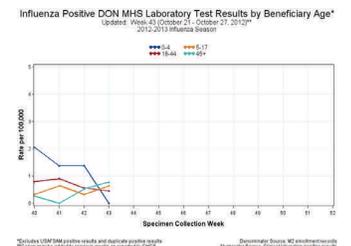
Children:

- There were no laboratory positive influenza cases in the 0-4 age group in Week 43, while the rate of positive influenza results in the 5-17 age group was 0.64 per 100,000.
- There were four AV medications prescribed to children in Week 43. The number of AVs dispensed to children during Week 43 was above the seasonal baseline.



Other Age Groups:

- During Week 43, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.45 per 100,000 and 0.44 per 100,000, respectively.



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Vaccination:

- As of October 27, 2012, 71.4% of Navy and 65.3% of Marine Corps active duty service members have received an influenza vaccine.
- The Navy active duty laboratory case this week received an influenza vaccine (TIV) more than 14 days prior to infection.

Navy			
Component	Total	Immunized*	%
Active Duty	316,629	226,106	71.4
Reserve	62,548	42,479	67.9
Marine Corps			
Component	Total	Immunized*	%
Active Duty	196,831	128,594	65.3
Reserve	33,261	21,272	63.9

*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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