

DON Influenza SITREP

2012-2013 Influenza Season

Week 47 (November 18 — November 24, 2012)

Laboratory Summary:

- There were 13 laboratory positive influenza results among DON beneficiaries during Week 47 (above seasonal baseline).
 - Top two facilities: NH Pensacola (six), Keesler AFB (two)
- NH Pensacola has had the most cases this season (21).
- All cases were positive by rapid test. **More**

Antivirals:

- There were 25 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- The frequency of AV prescriptions during Week 47 was above the seasonal baseline. **More**

Inpatient:

- There were six inpatient influenza tests performed during Week 47; one was positive.
- One inpatient AV prescription was dispensed in Week 47.
- One inpatient case was reported to DRSi this week. **More**

Vaccination:

84.7% of active duty Navy personnel have been vaccinated as of this week.

77.9% 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 47.
- There were no laboratory positive influenza cases among recruits in Week 47.
- The ILI rate remains low for both LANT and PAC Fleets (0.01% and 0.01%, respectively). **More**

Children:

- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 4.1 per 100,000 and 1.3 per 100,000, respectively.
- There were 10 AV prescriptions dispensed to children this week (40.0%). **More**

Additional Information:

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

In the News:

- FDA approves Flucelvax, the first seasonal influenza vaccine produced using cultured animal cells, instead of fertilized chicken eggs. **More**
- CDC reports that influenza activity is increasing in parts of the country, though all 10 US regions remain below region-specific baseline levels. **More**

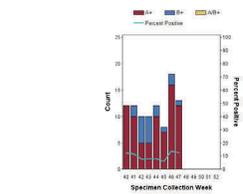
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Laboratory Summary:

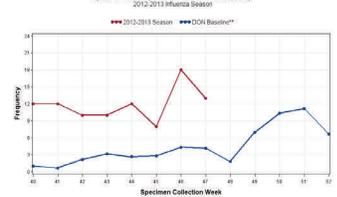
- There were 13 positive laboratory influenza results identified among DON beneficiaries in Week 47 (12 Type A, one Type B).
- During Week 47, 13% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 47 of last season (0%).
- The number of cases this week remains above the seasonal baseline.
- In Week 47, all cases were positive by rapid antigen test.

Influenza Positive DON MHS Laboratory Test Results by Type*
Updated: Week 47 (November 18) - November 24, 2012**



*Excludes USMCM positive results and multiple positive results
**Includes influenza activity from weeks 42 through 52 (2012)

Comparison of Influenza Cases: Current Season and DON Baseline
Updated: Week 47 (November 18) - November 24, 2012**



*Excludes USMCM positive results and multiple positive results
**Includes influenza activity from weeks 42 through 52 (2012)
***Adjusted average of 2008-2009, 2010-2011, and 2011-2012 seasons (Weeks 39-52)

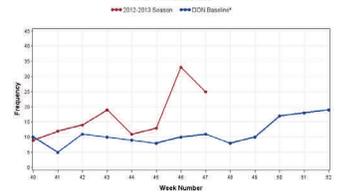
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Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 47	100%	—	—	—
Season	70%	1%	29%	—

Antivirals:

- There were 25 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). One of the antiviral prescriptions was in the inpatient setting.
- There have been 136 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (nine amantadine, 127 oseltamivir).
- The number of AV medications dispensed during Week 47 was above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline
Updated: Week 47 (November 18) - November 24, 2012**



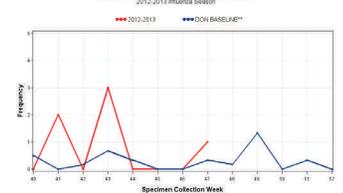
*Adjusted average of 2008-2009, 2010-2011, and 2011-2012 seasons (Weeks 49-52)

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Inpatient:

- There were six inpatient influenza tests performed among DON beneficiaries in Week 47; one was positive.
 - The case was a female Navy spouse, age 18-44, with influenza Type A identified by rapid test at NH Pensacola.
- There was one AV medication prescribed in the inpatient setting this week.
 - The inpatient case was a male spouse over the age of 45 at Ft. Belvoir Community Hospital.
- There was one inpatient case reported to DRSi this week; there have been five inpatient cases reported to DRSi this season.
 - This week's case was a male child age 5-17 at Ft. Gordon. The case, which occurred during Week 46, was previously identified in laboratory surveillance efforts.
- One ILI-related ER visit this week resulted in an inpatient admission (5.9% of all ILI-related ER visits).

Influenza Positive Laboratory Results for DON Inpatient MEPRS Codes (A)
Updated: Week 47 (November 18) - November 24, 2012**



*Excludes USMCM positive results and multiple positive results
**Includes influenza activity from weeks 42 through 52 (2012)
***Adjusted average of 2008-2009, 2010-2011, and 2011-2012 seasons (Weeks 39-52)

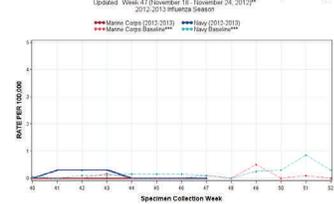
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Active Duty & Recruits:

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

Influenza Positive DON MHS Laboratory Test Results by Service (Active Duty)*



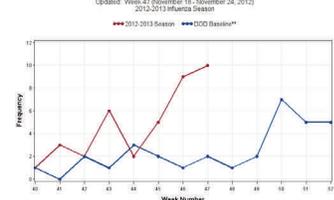
*Includes USMHS lab results and duplicate results
Updated: Week 47 (November 15 - November 24, 2012)
 *Cases may be added to current week as results are received
 *Includes USMHS lab results and duplicate results
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Children:

- The rate of positive influenza results in Week 47 was highest in the 0-4 age group, at 4.1 per 100,000. The rate in the 5-17 age group was 1.3 per 100,000.
- There were 10 AV medications prescribed to children in Week 47. The number of AVs dispensed to children during Week 47 was above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions in Children* Current Season and DON Baseline

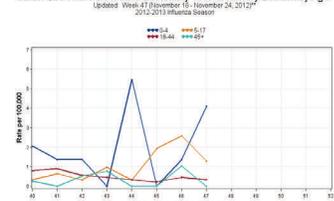


*Children include dependents of the age of 18
Updated: Week 47 (November 15 - November 24, 2012)
 *Includes USMHS lab results and duplicate results
 *Cases may be added to current week as results are received

Other Age Groups:

- During Week 47, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.3 per 100,000 and 0 per 100,000, respectively.

Influenza Positive DON MHS Laboratory Test Results by Beneficiary Age*



*Includes USMHS lab results and duplicate results
Updated: Week 47 (November 15 - November 24, 2012)
 *Cases may be added to current week as results are received

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Vaccination:

- As of November 24, 2012, 84.7% of Navy and 77.9% of Marine Corps active duty service members have received an influenza vaccine.

Navy			
Component	Total	Immunized*	%
Active Duty	316,220	267,978	84.7
Reserve	62,712	51,168	81.6
Marine Corps			
Component	Total	Immunized*	%
Active Duty	196,832	153,403	77.9
Reserve	33,360	24,726	74.1

*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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