

DON Influenza SITREP

2012-2013 Influenza Season

Week 49 (December 2 — December 8, 2012)

Laboratory Summary:

- There were 37 laboratory positive influenza results among DON beneficiaries during Week 49 (above seasonal baseline).
 - Top facilities: NH Pensacola (seven), NHC Charleston (seven), Keesler AFB (three), NH Camp Lejeune (three)
- NH Pensacola has had the most cases this season (35).
- 33 cases were positive by rapid test, three by culture, and one by PCR. **More**

Antivirals:

- There were 66 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- The frequency of AV prescriptions during Week 49 was above the seasonal baseline. **More**

Inpatient:

- There were 12 inpatient influenza tests performed during Week 49; none were positive.
- Five inpatient AV prescription was dispensed in Week 49.
- No inpatient cases were reported to DRSi this week. **More**

Vaccination:

88.1% of active duty Navy personnel have been vaccinated as of this week.

81.6% of active duty Marine Corps personnel have been vaccinated as of this week.

More

Active Duty & Recruits:

- There were two laboratory positive influenza cases among active duty service members in Week 49.
- The ILI rate remains low for both LANT and PAC Fleets (0.0% and 0.05%, respectively). **More**

Children:

- Laboratory influenza rates in the 0-4 and 5-17 year old age groups were 8.9 per 100,000 and 6.1 per 100,000, respectively.
- There were 34 AV prescriptions dispensed to children this week (51.5%). **More**

Additional Information:

- There were two coinfections identified this week (both *Staphylococcus*). This week's cases were outpatient female spouses, one aged 18-44 and one 45 + years old, at 81st Med Group—Keesler and NH Camp Lejeune. There have been six coinfections among DON beneficiaries this season (four *Staphylococcus*, two *Streptococcus*).

In the News:

- CDC reports that the influenza season in the US is early, but data currently available do not indicate severity. **More**
- The WHO reports low influenza activity in countries excluding the Northern hemisphere temperate climates. **More**
- The New York Times reports a variety of flu-related apps available. **More**

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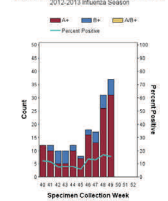
Laboratory Summary:

- There were 37 positive laboratory influenza results identified among DON beneficiaries in Week 49 (31 Type A, six Type B).
- During Week 49, 15% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 49 of last season (2%).
- The number of cases this week remains above the seasonal baseline.
- In Week 49, 33 cases were positive by rapid test, three were positive by culture, and one was positive by PCR.

Frequency of Testing Types among Positive Influenza Tests				
	Rapid	PCR	Culture	Unspecified
Week 49	89%	3%	8%	—
Season	70%	4%	26%	—

Influenza Positive DON MHS Laboratory Test Results by Type*

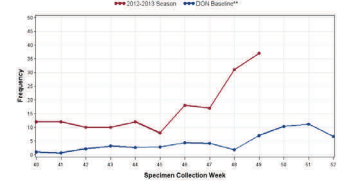
Updated: Week 49 (December 2, December 9, 2012)**
2012-2013 Influenza Season



*Includes USFAM positive results and multiple positive results
**Includes week 49 which is current week as of reporting period

Comparison of Influenza Cases: Current Season and DON Baseline

Updated: Week 49 (December 2, December 9, 2012)**
2012-2013 Influenza Season



*Includes USFAM positive results and multiple positive results
**Includes week 49 which is current week as of reporting period

**Includes an array of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 39-52

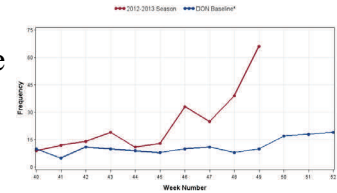
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Antivirals:

- There were 66 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Five of the antiviral prescriptions were in the inpatient setting.
- There have been 241 influenza-specific AV prescriptions dispensed to DON beneficiaries this season (12 amantadine, 229 oseltamivir).
- The number of AV medications dispensed during Week 49 was above the seasonal baseline.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline

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2012-2013 Influenza Season



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**Includes an array of 2008-2009, 2010-2011, and 2011-2012 seasons Weeks 39-52

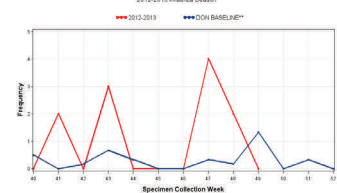
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Inpatient:

- There were 12 inpatient influenza tests performed among DON beneficiaries in Week 49; none were positive.
- There were five AV medications prescribed in the inpatient setting this week.
 - Three of the prescriptions were dispensed to male children aged 0-4 at Ft. Gordon, NH Camp Lejeune, and 35th Med Group—Misawa. The remaining cases were a spouse and non-active duty sponsor, both over the age of 45 at 81st Med Group—Keesler and NMC San Diego.
- There were no inpatient cases reported to DRSi this week; there have been three inpatient cases reported to DRSi this season. (Cumulative number of reported cases has decreased due to correction for non-hospitalized cases previously reported erroneously.)

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

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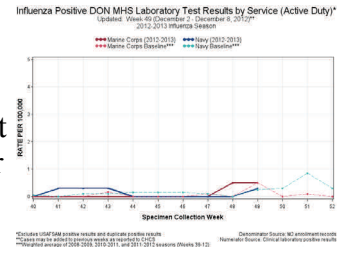
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Active Duty & Recruits:

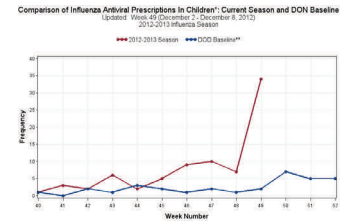
- There were two positive laboratory influenza results among DON active duty service members in Week 49.
 - One case was a Marine Corps service member positive for Type A by rapid test at NHC Charleston, and the other case was a Navy service member positive for Type A by culture at NH Bremerton.
- No positive laboratory influenza results have been identified in DON recruits since Week 41.



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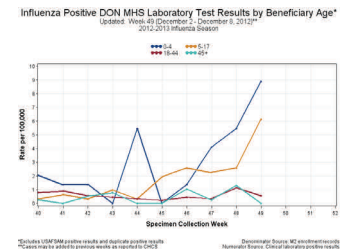
Children:

- The rate of positive influenza results in Week 49 was highest in the 0-4 age group, at 8.9 per 100,000. The rate in the 5-17 age group was 6.1 per 100,000.
- There were 34 AV medications prescribed to children in Week 49. The number of AVs dispensed to children during Week 49 was 10 times higher than the seasonal baseline.



Other Age Groups:

- During Week 49, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.6 and 0 per 100,000, respectively.



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Vaccination:

- As of December 8, 2012, 88.1% of Navy and 81.6% of Marine Corps active duty service members have received an influenza vaccine.
- The Marine Corps active duty case had not received an influenza vaccine.
- The Navy active duty case received an influenza vaccine (LAIV) more than 14 days prior to infection.

Navy			
Component	Total	Immunized*	%
Active Duty	316,220	278,611	88.1
Reserve	62,712	54,320	86.6
Marine Corps			
Component	Total	Immunized*	%
Active Duty	196,832	160,700	81.6
Reserve	33,360	26,543	79.6

*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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