

# DON Influenza SITREP

2014-2015 Influenza Season  
Week 42 (12 October 2014 — 18 October 2014)

## Influenza Activity and Surveillance

### Laboratory:

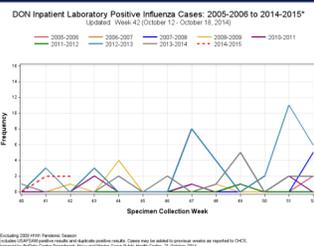
There were 12 laboratory positive influenza results among DON beneficiaries during Week 42 (above seasonal baseline). **More**

### Antivirals:

There were 16 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (1 amantadine, 15 oseltamivir). Influenza-specific AV prescriptions this week were above the seasonal baseline. **More**

### Influenza-Like Illness:

Overall, 3.4% of outpatient medical encounters were due to influenza-like illness (ILI); this was comparable to the seasonal baseline. **More**



## Vaccination

30.8% of Navy and 23.2% of Marine Corps active duty service members have received an influenza vaccine (as of 18 October 2014). **More**

Reminder: The DOD's personnel vaccination goal is 90% vaccine coverage by 15 December 2014.

## Severity Indicators

### Inpatient:

There were 24 inpatient influenza tests performed during Week 42; two were positive. There were four inpatient AV prescriptions dispensed this week and no cases were reported to DRSi. **More**

### Coinfections:

One non-respiratory bacterial coinfection was identified among DON beneficiaries during Week 42. **More**

## Select Populations

### Active Duty & Recruits:

In Week 42, there was one laboratory positive influenza case among DON active duty service members and no laboratory positive influenza cases among DON recruits. **More**

NHRC reports febrile respiratory illness rates are at or below expected values for DON basic training centers. **More**

### Children:

Laboratory influenza rates in the 0-4 and 5-17 age groups were 0.75 and 1.36 per 100,000, respectively. There were two AV prescriptions dispensed to children this week (12.5%). **More**

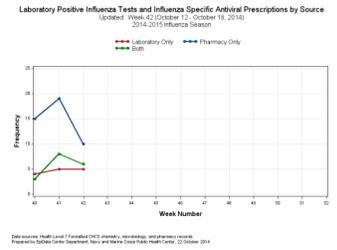
Contact Information: Gosia Nowak, 757-953-0979, gosia.nowak@med.navy.mil ~ On the Web: <http://go.usa.gov/DtUC>



## Case Identification:

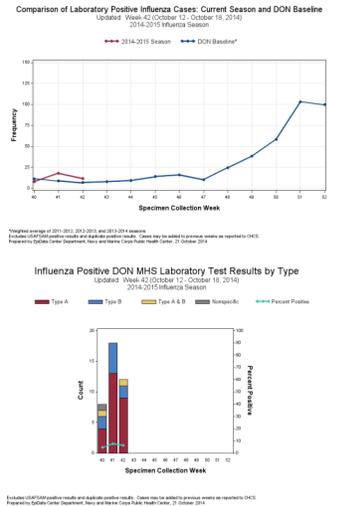
Several sources of data are utilized to identify influenza cases across the DON, including certified laboratory results, antiviral pharmacy transactions, and DRSi case reports.

- This week, 22.7% of cases were identified through both positive laboratory tests and AV prescriptions.
- During week 42, none of the inpatient laboratory cases under age 65 were reported to DRSi.



## Laboratory:

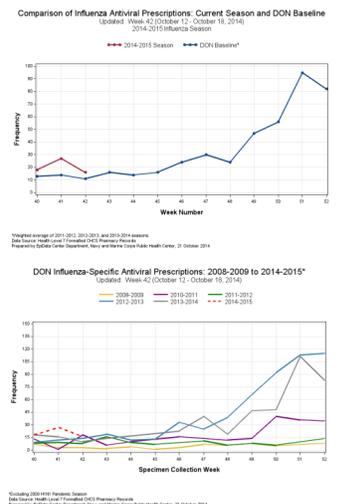
- There were 12 positive laboratory influenza results identified among DON beneficiaries in Week 42 (nine Type A, two Type B, one both Type A and Type B).
  - The number of cases this week was slightly above the seasonal baseline.
- Top facilities this week was NH Guam (five), followed by NH Pensacola, NH Jacksonville, and Ft. Shafter with two cases each.
  - NH Guam has had the most cumulative cases since week 40 (nine), followed by NH Jacksonville (seven), Ft. Shafter (six), and NMC San Diego (five).
- During Week 42, 6.5% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 42 of last season (3.1%).
- In Week 42, 10 cases were positive by rapid testing and two by culture.



Proportion of Testing Types among Positive Influenza Tests					
	Rapid	Culture	PCR	DFA	Unspecified
<b>Week 41</b>	83.3%	16.7%	0%	0%	0%
<b>Season</b>	63.2%	18.4%	18.4%	0%	0%

## Antivirals:

- There were 16 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (1 amantadine, 15 oseltamivir).
- There have been 61 AVs prescribed to DON beneficiaries this season (6 amantadine, 55 oseltamivir) so far this season.
- Antiviral prescriptions during Week 42 were above slightly the seasonal baseline.
- Four of the antiviral prescriptions were in the inpatient setting (25.0%).

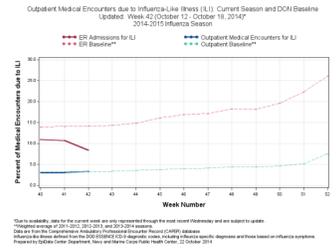


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## Influenza-Like Illness:

- During Week 42, 3.4% of outpatient medical encounters among DON beneficiaries included ICD-9-CM diagnostic codes for influenza-like illness (ILI); this was comparable to the seasonal baseline.
- Among ER admissions, 8.5% of medical encounters contained ILI ICD-9-CM diagnostic codes, which was below the seasonal baseline.



## Immunizations

### Vaccination Coverage:

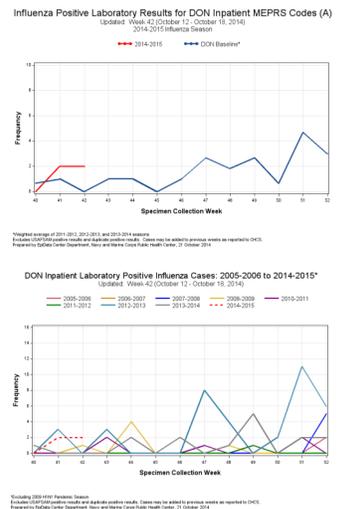
- The laboratory positive active duty case this week had no vaccination record.
- 30.8% of Navy and 23.2% of Marine Corps active duty service members have received an influenza vaccine.
  - Among US Fleet Forces active duty personnel, 26.8% have received an influenza vaccine.
- 44.5% of Navy and 31.5% of Marine Corps recruits have received an influenza vaccine.

[More](#)

## Severity Indicators

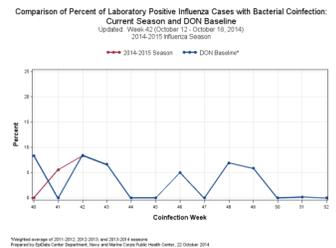
### Inpatient Surveillance:

- There were 24 inpatient influenza tests performed among DON beneficiaries in Week 42; two were positive.
  - This week's cases were female Navy spouses over the age of 45 at NH Guam (Type A) and NH Pensacola (Type A and Type B).
- There were four AV medications prescribed in the inpatient setting this week.
  - One AV was prescribed to an active duty male at WRNNMC (amantadine).
- No inpatient cases were reported to DRSi this week.



### Coinfections:

- There was one non-respiratory bacterial coinfection identified among DON beneficiaries in Week 42 (*Staphylococcus*). [More](#)

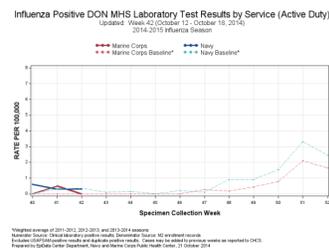


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## Active Duty

- There was one laboratory influenza result (Type B) among DON active duty service members in Week 42.
  - The active duty Navy was tested in an outpatient clinic at NH Pensacola and was positive by rapid test.
  - This week's active duty case was not vaccinated.
- Five active duty service members received AVs during Week 42.
  - All cases were Navy service members.
  - One active duty Navy service member received an AV prescription (amantadine) in an inpatient setting during Week 42 at WRNMMC.



Vaccination Status of DON Active Duty and Recruit Influenza Cases, 2014-2015 Season					
Status	Immunity Status	Vaccine Type		Total	Percent
		IVV	None		
Active Duty	Vaccinated; not immune	1	-	1	20.0%
	No vaccination record	-	4	4	80.0%
Total		1	4	5	-

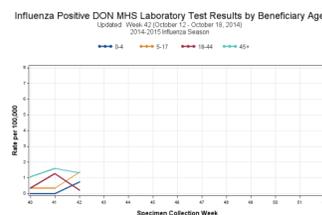
IAIV-live-attenuated influenza vaccine (intranasal), IVV-inactive influenza vaccine (injection)  
 Vaccinated; immune: Vaccinated more than 14 days prior to infection.  
 Vaccinated; not immune: Vaccinated less than 14 days prior to infection or after infection.  
 Prepared by EpiData Center Department, Navy and Marine Corps Public Health Center, 22 October 2014

## Recruits:

- There were no positive laboratory influenza results among DON recruits in Week 42.
- There were no AVs dispensed to a recruit during Week 42.

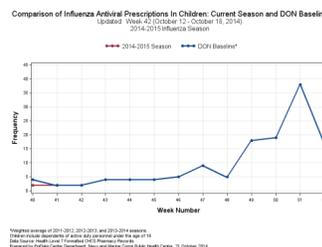
## Children:

- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 42 were 0.75 and 1.36 per 100,000, respectively.
- There were two AV medications prescribed to children during Week 42. The number of AVs dispensed to children this week was equal to the seasonal baseline.



## Other Age Groups:

- During Week 42, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.23 and 1.33 per 100,000, respectively.



## In the News

- The CDC and WHO report low influenza activity across the US and the World. [More](#)
- A CNN article compares ebola response to 2009 H1N1 response and pandemic influenza plans. [More](#)

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