

# DON Influenza SITREP

2014-2015 Influenza Season

Week 47 (16 November 2014 — 22 November 2014)

## Influenza Activity and Surveillance

### Laboratory:

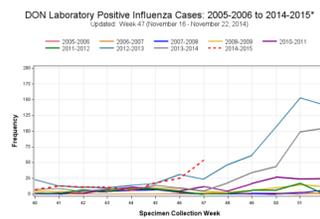
There were 54 laboratory positive influenza results among DON beneficiaries during Week 47 (five times the seasonal baseline). [More](#)

### Antivirals:

There were 71 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Influenza-specific AV prescriptions this week were double the seasonal baseline. [More](#)

### Influenza-Like Illness:

Overall, 3.8% of outpatient medical encounters were due to influenza-like illness (ILI); this was slightly below the seasonal baseline. [More](#)



## Vaccination

75.9% of Navy and 66.7% of Marine Corps active duty service members have received an influenza vaccine (as of 22 November 2014).

[More](#)

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

## Severity Indicators

### Inpatient:

There were 23 inpatient influenza tests performed during Week 47; one was positive. Three inpatient AV prescriptions were dispensed this week. No inpatient cases were reported to DRSi during Week 47. [More](#)

### Coinfections:

There were no bacterial coinfections identified among DON beneficiaries during Week 47. [More](#)

## Select Populations

### Active Duty & Recruits:

In Week 47, two active duty Marine Corps service members and three Navy service members had laboratory positive influenza results. No recruits in Week 47 had a laboratory positive influenza result. [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 9.81 and 10.92 per 100,000, respectively.

There were 34 AV prescriptions dispensed to children this week. [More](#)

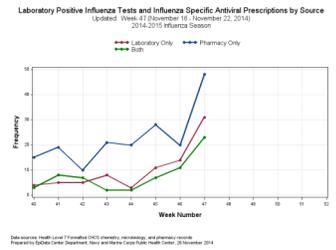
Contact Information: Gosia Nowak, 757-953-0979, [gosia.nowak@med.navy.mil](mailto:gosia.nowak@med.navy.mil) ~ On the Web: <http://go.usa.gov/DtUC>



## Case Identification:

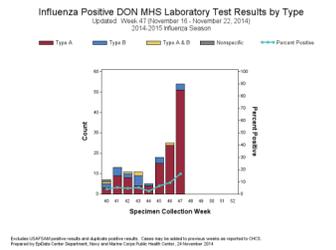
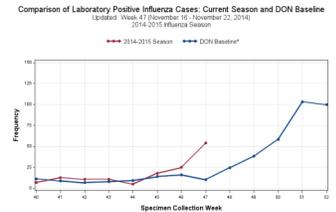
Several sources of data were utilized to identify influenza cases across the DON, including certified laboratory results, antiviral pharmacy transactions, and DRSi case reports.

- Since week 40, 19.4% of cases were identified through both positive laboratory tests and AV prescriptions.
- During Week 47, no cases of influenza-associated hospitalization were reported to DRSi. This season, only one laboratory positive inpatient case (11.1%) has been reported to DRSi.



## Laboratory:

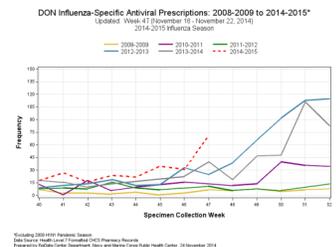
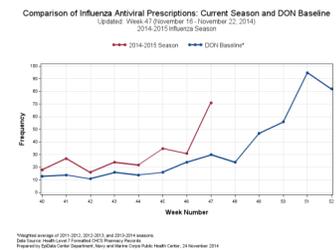
- There were 54 positive laboratory influenza results identified among DON beneficiaries in Week 47 (51 Type A, three Type B).
  - The number of cases this week was five times the seasonal baseline.
- The most laboratory positive cases this week occurred at NH Camp Lejeune (31), NH Pensacola (four), and NH Jacksonville (three).
  - NH Camp Lejeune has the most cumulative cases since week 40 (51), followed by NH Jacksonville (19), NH Guam (12), and NMC San Diego (eight).
- During Week 47, 16.6% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 47 of last season (1.1%).
- In Week 47, most cases were positive by rapid testing.



Proportion of Testing Types among Positive Influenza Tests					
	Rapid	Culture	PCR	DFA	Unspecified
<b>Week 47</b>	96.3%	0.0%	3.7%	0.0%	0.0%
<b>Season</b>	84.0%	4.2%	11.8%	0.0%	0.0%

## Antivirals:

- There were 71 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir).
- There have been 244 AVs prescribed to DON beneficiaries this season (244 oseltamivir, eight amantadine).
- Antiviral prescriptions during Week 47 were double the seasonal baseline.
- Three of the antiviral prescriptions during Week 47 were in the inpatient setting.

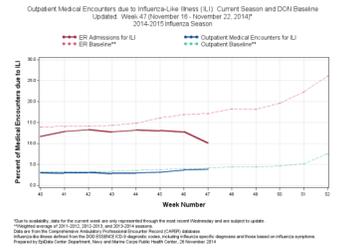


Back



## Influenza-Like Illness:

- During Week 47, 3.8% of outpatient medical encounters among DON beneficiaries included ICD-9-CM diagnostic codes for influenza-like illness (ILI); this was slightly below the seasonal baseline.
- Among ER visits, 10.2% of medical encounters contained ILI ICD-9-CM diagnostic codes, which was below the seasonal baseline.



## Immunizations

### Vaccination Coverage:

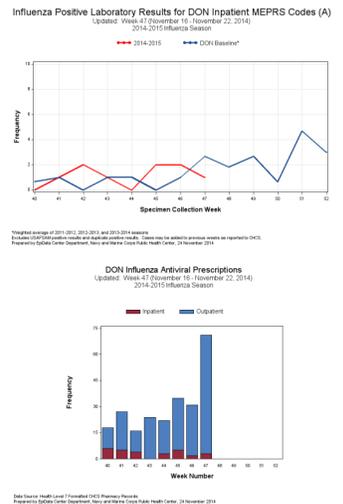
- The five laboratory-identified active duty influenza cases during week 47 were all vaccinated more than 14 days before the laboratory test was collected.
- 75.9% of Navy and 66.7% of Marine Corps active duty service members have received an influenza vaccine.
  - Among US Fleet Forces personnel, 81.3% have received an influenza vaccine.
- 77.4% of Navy and 72.6% of Marine Corps reservists have received an influenza vaccine.

[More](#)

## Severity Indicators

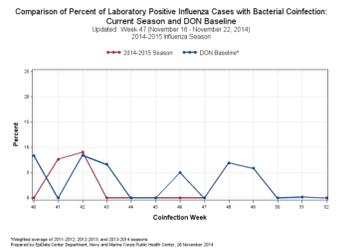
### Inpatient Surveillance:

- There were 23 inpatient influenza tests performed among DON beneficiaries in Week 47; one was positive.
  - This week's case was a female child of a Marine Corps sponsor at NH Camp Lejeune who was rapid test positive for Type A.
- Three AV medications were prescribed in the inpatient setting this week.
  - The inpatient AV medications were prescribed at NMC Portsmouth (two) and NH Camp Lejeune (one).
- No inpatient cases were reported to DRSi this week.



### Coinfections:

- There were no bacterial coinfections identified among DON beneficiaries in Week 47.
- Two bacterial coinfections have been identified in DON beneficiaries since Week 40 (*Escherichia*, *Staphylococcus*).



[Back](#)

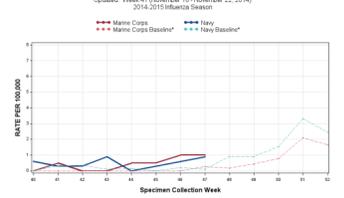


# Select Populations

## Active Duty

- There were two laboratory positive influenza results among active duty Marine Corps service members and three laboratory positive results among active duty Navy service members in Week 47. All cases were tested at outpatient clinics.
  - The two Marine Corps service members were tested at NH Camp Lejeune (Type A) and Ft. Leonard Wood (Type B).
  - The three Navy service members were tests at NH Pensacola, NH Jacksonville, and Ft. Belvoir (all Type A).
  - All five active duty laboratory positive cases this week were vaccinated.
- Fourteen active duty service members received AVs during Week 47.
  - Nine prescriptions were dispensed to active duty Marines and five to active duty Navy service members; all received oseltamivir.

Influenza Positive DON MHS Laboratory Test Results by Service (Active Duty)  
Updated: Week 47 (November 15, November 22, 2014)  
2014, 2015 Influenza Season



Vaccination Status of DON Active Duty and Recruit Influenza Cases, 2014-2015 Season

Status	Immunity Status	Vaccine Type			Total	Percent
		LAIV	IV	None		
Active Duty	Vaccinated; Immune	2	5	-	7	35.0%
	Vaccinated; not immune	3	3	-	6	30.0%
	No vaccination record	-	-	7	7	35.0%
<b>Total</b>		<b>5</b>	<b>8</b>	<b>7</b>	<b>20</b>	-
Recruit	No vaccination record	-	-	2	2	100.0%
<b>Total</b>		-	-	<b>2</b>	<b>2</b>	-

LAIV=live-attenuated influenza vaccine (intranasal), IV=inactivated influenza vaccine (injection)  
 Vaccinated; Immune: Vaccinated more than 34 days prior to infection.  
 Vaccinated; not immune: Vaccinated less than 34 days prior to infection or after infection.  
 Prepared by EpiData Center, Navy and Marine Corps Public Health Center, 25 November 2014

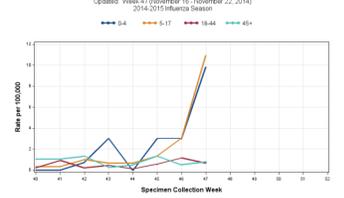
## Recruits:

- There were no laboratory positive influenza results among DON recruits in Week 47.
- There were no AVs dispensed to a recruit during Week 47.

## Children:

- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 47 were 9.81 and 10.92 per 100,000, respectively.
- There were 34 AV medications prescribed to children during Week 47. The number of AVs dispensed to children this week was more than triple the seasonal baseline.

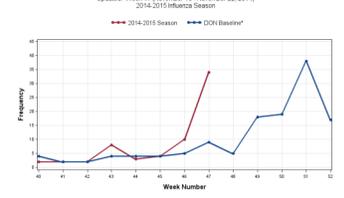
Influenza Positive DON MHS Laboratory Test Results by Beneficiary Age  
Updated: Week 47 (November 15, November 22, 2014)  
2014, 2015 Influenza Season



## Other Age Groups:

- During Week 47, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.7 and 0.8 per 100,000, respectively.

Comparison of Influenza Antiviral Prescriptions in Children: Current Season and DON Baseline  
Updated: Week 47 (November 15, November 22, 2014)  
2014, 2015 Influenza Season



## In the News

- The CDC reports low influenza activity across the US, with early signs that activity is rising. [More](#)
- The WHO reports influenza activity in North America remains low, but activity is rising. [More](#)

[Back](#)

