

# DON Influenza SITREP

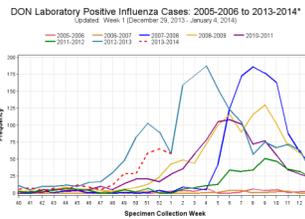
## 2013-2014 Influenza Season

### Week 1 (29 December 2013 — 4 January 2014)

#### Laboratory:

There were 58 laboratory positive influenza results among DON beneficiaries during Week 1 (above seasonal baseline). Influenza positive laboratory results this week are trending higher than previous seasons, but comparable to last season.

[More](#)



#### Vaccination:

89.7% of Navy and 84.7% of Marine Corps active duty service members have received an influenza vaccine (as of 4 January 2014). [More](#)

Most active duty cases this week were vaccinated more than 14 days prior to infection (90%). This week's recruit case was vaccinated. [More](#)

Most active duty cases this season (75%) were vaccinated more than 14 days before infection. [More](#)

#### Antivirals:

There were 107 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Influenza-specific AV prescriptions this week were above baseline. [More](#)

#### Inpatient:

There were 32 inpatient influenza tests performed during Week 1; five were positive. There were 14 inpatient AV prescriptions dispensed this week and five cases were reported to DRSi. [More](#)

#### Coinfections:

One coinfection was identified among DON beneficiaries during Week 1. [More](#)

#### Active Duty & Recruits:

In Week 1, there were ten laboratory positive influenza cases among DON active duty service members. There was one laboratory positive influenza case among DON recruits. [More](#)

NHRC reports febrile respiratory illness (FRI) rates at all training centers are at or below expected values. [More](#)

#### Children:

Laboratory influenza rates in the 0-4 and 5-17 age groups were 7.2 and 2.6 per 100,000, respectively. There were 24 AV prescriptions dispensed to children this week (22.4%). [More](#)

#### In the News:

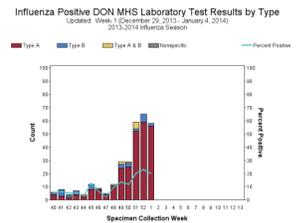
See page 4 for this week's influenza news updates. [More](#)

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>



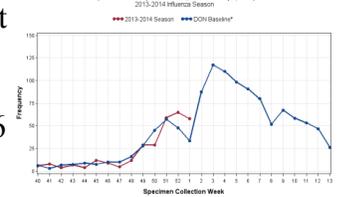
## Laboratory:

- There were 58 positive laboratory influenza results identified among DON beneficiaries in Week 1 (56 Type A, two Type B).
- Top facilities this week were NMC San Diego (19), NH Bremerton (six), NH Camp Lejeune (five), and NH Camp Pendleton (five).
  - NMC San Diego has had the most cases this season (50), followed by NH Lemoore (33) and Ft. Sam Houston (28).
- During Week 1, 20.2% of all influenza tests performed were positive.
  - This is higher than the percent of tests with positive results in Week 1 of last season (9.3%).
- The number of cases this week is above seasonal baseline.
- In Week 1, 37 cases were positive by rapid test, five were culture positive, and 16 were positive by PCR.



Includes USF MHS Public Health and National Public Health. Cases may be added to previous weeks as reported to CHCS. Prepared by USF MHS Center Department, Navy and Marine Corps Public Health Center, 7 January 2014

**Comparison of Laboratory Positive Influenza Cases: Current Season and DON Baseline**



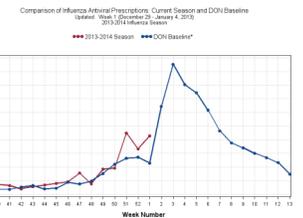
\*Including 2009 H1N1 Pandemic Season  
Includes USF MHS Public Health and National Public Health. Cases may be added to previous weeks as reported to CHCS. Prepared by USF MHS Center Department, Navy and Marine Corps Public Health Center, 7 January 2014

Frequency of Testing Types among Positive Influenza Tests					
	Rapid	Culture	PCR	DFA	Unspecified
<b>Week 1</b>	63.8%	8.6%	27.6%	0%	0%
<b>Season</b>	62.5%	12.7%	24.8%	0%	0%

[Back](#)

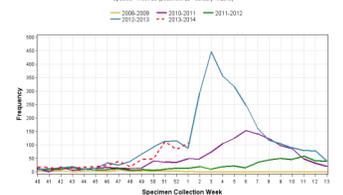
## Antivirals:

- There were 107 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (all oseltamivir). Overall, there have been 572 AVs prescribed to DON beneficiaries this season (17 amantadine, 555 oseltamivir).
- Antiviral prescriptions during Week 1 are above seasonal baseline. The number of AV prescriptions this week are trending higher than previous seasons, but comparable to last season.
- Fourteen of the antiviral prescriptions were in the inpatient setting.



Data Source: Health Unit 7 Pharmacy  
Prepared by USF MHS Center Department, Navy and Marine Corps Public Health Center, 7 January 2014

**DON Influenza Specific Antiviral Prescriptions 2006-2009 to 2013-2014\***



\*Including 2009 H1N1 Pandemic Season  
Includes USF MHS Public Health and National Public Health. Cases may be added to previous weeks as reported to CHCS. Prepared by USF MHS Center Department, Navy and Marine Corps Public Health Center, 7 January 2014

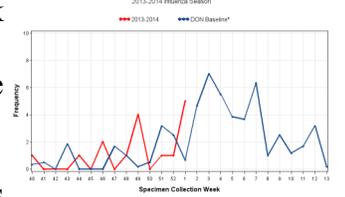
[Back](#)



## Inpatient:

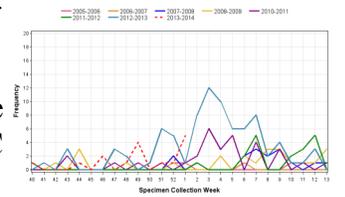
- There were 32 inpatient influenza tests performed among DON beneficiaries in Week 1; five were positive.
  - This week's cases were mostly male (80%), Navy (80%), sponsors (80%), age 45 + (60%) at NMC San Diego (60%).
- There were 14 AV medications prescribed in the inpatient setting this week.
  - This week's cases were half male and half female non-active duty sponsors (42.9%) prescribed oseltamivir (100%). The locations dispensing the most inpatient AVs were NMC San Diego (four), Ft. Sam Houston (three), and Ft. Shafter (two).
- There were five inpatient cases reported to DRSi this week.
  - Cases this week were three spouses and two sponsors (one active duty and one recruit) all with onset during Week 1. Cases were reported from Tripler AMC (two), NH Beaufort, NMC San Diego, and Ft. Lewis.
  - The active duty patient was not vaccinated against influenza, while the recruit did receive an influenza vaccination.

Influenza Positive Laboratory Results for DON Inpatient MEPRS Codes (A)  
Updated: Week 1 (December 28, 2013 - January 4, 2014)  
2013-2014 Influenza Season



Weekly cases for 2005-2006, 2006-2007, and 2007-2008 seasons.  
Includes 2009-2010 positive results for 2009-2010 and 2010-2011 seasons. Cases may be added to previous weeks as reported to CHCS.  
Reported to CHCS from the following locations: Ft. Sam Houston, Tripler Army Medical Center, January 2014

DON Inpatient Laboratory Positive Influenza Cases: 2005-2006 to 2013-2014\*



Weekly cases for 2005-2006, 2006-2007, 2007-2008, 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, and 2013-2014 seasons.  
Includes 2009-2010 positive results for 2009-2010 and 2010-2011 seasons. Cases may be added to previous weeks as reported to CHCS.  
Reported to CHCS from the following locations: Ft. Sam Houston, Tripler Army Medical Center, January 2014

Back

## Coinfections:

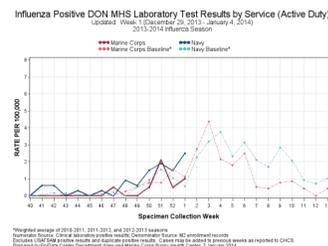
- There was one bacterial coinfection identified among DON beneficiaries in Week 1 (*Enterococcus*). **More**
- There have been nine coinfections identified this season (*Escherichia* 3, *Enterococcus* 2, *Propionibacterium* 2, others).

Back



## Active Duty & Recruits:

- There were ten positive laboratory influenza results among DON active duty service members in Week 1. Click table at right for vaccination status of this week's active duty cases.
  - Eight cases were Navy service members (all Type A). Two cases were a Marine Corps service members (both Type A).
  - Cases were at NMC San Diego (five), NH Camp Pendleton (two), NH Bremerton, NH Camp Lejeune, and NH Rota.
- There was one positive laboratory influenza result among DON recruits in Week 1.
  - This week's case was a male Marine Corps recruit positive for Type A at NMC San Diego.
- Twenty-three active duty service members received AVs during Week 1.
  - Seventeen were Navy and six were Marine Corps. Camp Lejeune dispensed the most AVs to active duty personnel (four), followed by Camp Pendleton (two).
- There was one AV dispensed to a recruit during Week 1.
  - This week's case was a male Marine Corps recruit age 18-44 prescribed oseltamivir at NMC San Diego.



**Vaccination Status of DON Active Duty and Recruit Influenza Cases, Week 52, 2013-2014 Season**

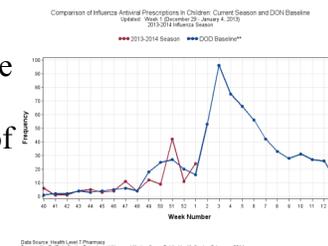
Service/Status	Timing of Vaccination	Vaccine Type		
		MMV	SV	None
Marine Corps Active Duty	<14 days prior to influenza	1	0	0
Marine Corps Recruit	No vaccination reported	0	0	1
Navy Active Duty	<14 days prior to influenza	1	2	0
All		2	2	1

MMV: Medical Operational Influenza Vaccine (Bivalent); SV: Seasonal Influenza Vaccine (Bivalent)  
 Prepared by USMC Center Department, Navy and Marine Corps Public Health Center, 31 December 2013

[Back](#)

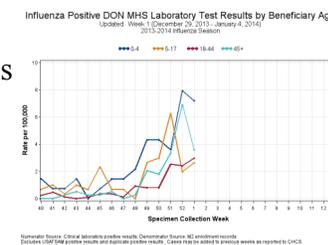
## Children:

- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 1 were 7.2 and 2.6 per 100,000, respectively.
- There were 24 AV medications prescribed to children during Week 1. The number of AVs dispensed to children during Week 1 was above the seasonal baseline.



## Other Age Groups:

- During Week 1, the laboratory influenza rates among the 18-44 and 45+ age groups were 3.0 and 3.6 per 100,000, respectively.



[Back](#)

## In the News:

- US influenza activity continued to rise in Week 52, with 20 states reporting high influenza activity and 25 reporting widespread activity. [More](#)
- A serologic survey from British Columbia, Canada, suggests preschool children and working-age adults are most susceptible to the 2009 H1N1 influenza virus. [More](#)

[Back](#)

