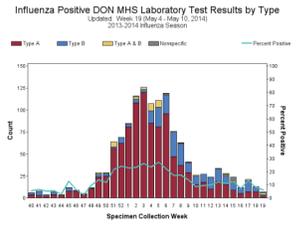


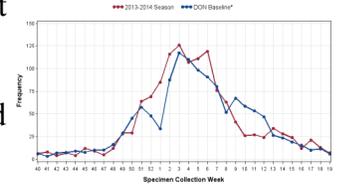
Laboratory:

- There were seven positive laboratory influenza results identified among DON beneficiaries in Week 19 (two Type A, two Type B, two dual infections, one nonspecific flu type).
- Seven facilities had one case each.
 - NMC San Diego has had the most cases this season (204), followed by NH Lemoore (171) and NH Bremerton (85).
- During Week 19, 6.1% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 19 of last season (1.5%).
- The number of cases this week is slightly above seasonal baseline.
- In Week 19, five cases were positive by rapid test, one was positive by culture, and one was positive by PCR.



Disclaimer: DON MHS Public Health and Hospital Public Health. Cases may be added to previous weeks as reported to CHCS. Prepared by USMC Center Department, Navy and Marine Corps Public Health Center, 15 May 2014.

Comparison of Laboratory Positive Influenza Cases: Current Season and DON Baseline
Updated: Week 19 (May 4 - May 10, 2014)
2013-2014 Influenza Season



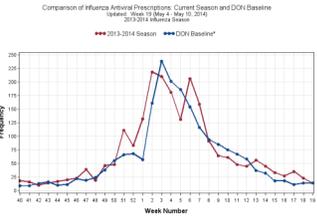
Disclaimer: DON MHS Public Health and Hospital Public Health. Cases may be added to previous weeks as reported to CHCS. Prepared by USMC Center Department, Navy and Marine Corps Public Health Center, 15 May 2014.

Frequency of Testing Types among Positive Influenza Tests					
	Rapid	Culture	PCR	DFA	Unspecified
Week 19	71.4%	14.3%	14.3%	0%	0%
Season	62.7%	14.1%	23.2%	0%	0%

[Back](#)

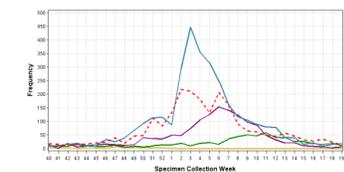
Antivirals:

- There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine, 13 oseltamivir). Overall, there have been 2,243 AVs prescribed to DON beneficiaries this season (34 amantadine, 2,209 oseltamivir).
- Antiviral prescriptions were comparable to seasonal baseline.
- Four of the antiviral prescriptions were in the inpatient setting.



Disclaimer: Health Level 7 Pharmacy. Prepared by USMC Center Department, Navy and Marine Corps Public Health Center, 15 May 2014.

Comparison of Influenza Antiviral Prescriptions: Current Season and DON Baseline
Updated: Week 19 (May 4 - May 10, 2014)
2013-2014 Influenza Season



Disclaimer: 2008-2009 Pharmacy Season. Prepared by Health Level 7 Pharmacy. Prepared by USMC Center Department, Navy and Marine Corps Public Health Center, 15 May 2014.

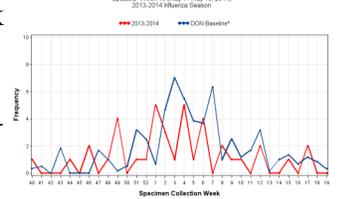
[Back](#)



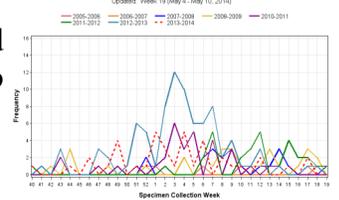
Inpatient:

- There were 10 inpatient influenza tests performed among DON beneficiaries in Week 19; none were positive.
- There were four AV medications prescribed in the inpatient setting this week.
 - This week's cases were mostly Navy (100.0%), spouses (50.0%) ages 45 + (75.0%). Three patients received oseltamivir and one received amantadine.
 - Inpatient prescriptions this week were prescribed at NMC Portsmouth (two), Ft. Lewis, and Ft. Shafter.
- There were two inpatient cases reported to DRSi this week.
 - This week's cases were a female child age 0-4 at NH Beaufort not identified in HL7 surveillance efforts, and a male active duty patient at Tripler AMC also identified through pharmacy and laboratory surveillance.
 - here have been 39 cases reported to DRSi since the beginning of the season.

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



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



Back

Coinfections:

- There was one bacterial coinfection identified among DON beneficiaries in Week 19 (*Streptococcus*). **More**
- There have been 56 coinfections identified this season (*Streptococcus* 15, *Escherichia* 13, *Staphylococcus* 5, others).

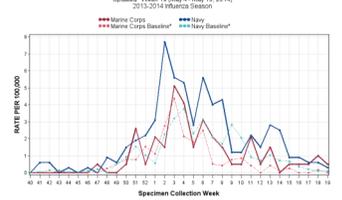
Back



Active Duty & Recruits:

- There were two positive laboratory influenza results among DON active duty service members in Week 19. Click table at right for vaccination status of this week's active duty cases.
 - One case was a Navy service member and one case was a Marine Corps service member. One was Type A positive and one was a dual infection.
 - Both cases were at Walter Reed.
- There were no positive laboratory influenza results among DON recruits in Week 19.
- Three active duty service members received AVs during Week 19.
 - Two (66.7%) were Navy and one (33.3%) was Marine Corps.
 - This week's cases were dispensed at Dilorenzo Tricare Health Clinic, NH Camp Pendleton, and NSA Panama City NBHC.
- There were no AVs dispensed to recruits during Week 19.

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



*Updated version of 2013-2014, 2011-2012, and 2010-2011 baseline.
 Nonresident Source: Cases of laboratory positive results. Delineated by Source: 407 unreported results.
 Resident USDF/USM positive results and laboratory positive results. Cases may be added to previous weeks as reported to CHCS.
 Prepared by USDF/USM Center Department, Navy and Marine Corps Public Health Center, 13 May 2014.

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

Service/Status	Timing of Vaccination	Vacciner Type		
		MMV	AV	None
Marine Corps Active Duty	>=24 days prior to influenza	1	0	0
Marine Corps Recruit	No vaccination record	0	0	1
Navy Active Duty	>=24 days prior to influenza	1	2	0
All		2	2	1

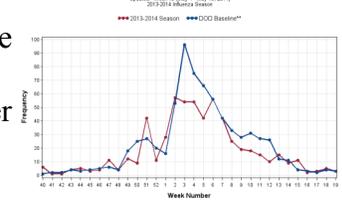
LA/Influenza-attenuated influenza vaccine (intranasal), RV/inactivated influenza vaccine (injected)
 Prepared by USDF/USM Center Department, Navy and Marine Corps Public Health Center, 31 December 2013

[Back](#)

Children:

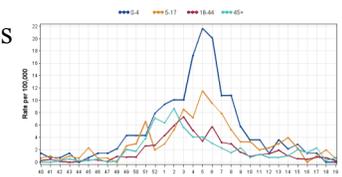
- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 19 were 0 and 0.7 per 100,000, respectively.
- There were three AV medications prescribed to children during Week 19. The number of AVs dispensed to children during Week 19 was comparable to seasonal baseline.

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



Data Source: Health Level Pharmacy
 Prepared by USDF/USM Center Department, Navy and Marine Corps Public Health Center, 18 May 2014

Influenza Positive DON MHS Laboratory Test Results by Beneficiary Age



Nonresident Source: Cases of laboratory positive results. Delineated by Source: 407 unreported results.
 Resident USDF/USM positive results and laboratory positive results. Cases may be added to previous weeks as reported to CHCS.
 Prepared by USDF/USM Center Department, Navy and Marine Corps Public Health Center, 13 May 2014.

[Back](#)

Other Age Groups:

- During Week 19, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.2 and 0.8 per 100,000, respectively.

In the News:

- The CDC's FluView report for Week 18 indicates that seasonal influenza activity is low and declining, although influenza viruses continue to circulate and cause illness in the United States. [More](#)
- CDC issued a report on the first confirmed cases of Middle East respiratory syndrome coronavirus (MERS-CoV) infection in the US. [More](#)

[Back](#)

