

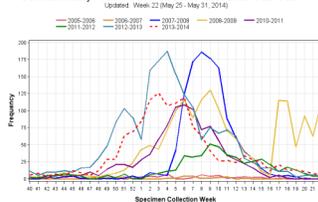
DON Influenza SITREP

2013-2014 Influenza Season
Week 22 (25 May 2014 — 31 May 2014)

Laboratory:

There were five laboratory positive influenza results among DON beneficiaries during Week 22 (slightly above seasonal baseline). [More](#)

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



Vaccination:

96.2% of Navy and 94.4% of Marine Corps active duty service members have received an influenza vaccine (as of 31 May 2014). [More](#)

This week's active duty case was vaccinated more than 14 days prior to infection. [More](#)

Most active duty cases this season (86%) were vaccinated more than 14 days before infection. [More](#)

Antivirals:

There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine, 12 oseltamivir, one rimantadine). Influenza-specific AV prescriptions this week were above baseline. [More](#)

Inpatient:

There were 21 inpatient influenza tests performed during Week 22; two were positive. There were five inpatient AV prescriptions dispensed this week and no cases were reported to DRSi. [More](#)

Coinfections:

One coinfection was identified among DON beneficiaries during Week 22. [More](#)

Active Duty & Recruits:

In Week 22, 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 and 0.7 per 100,000, respectively. There was one AV prescription dispensed to children this week (7.1%). [More](#)

In the News:

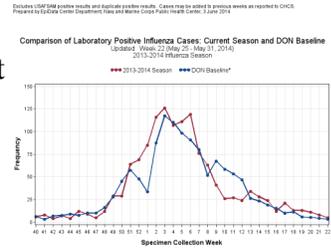
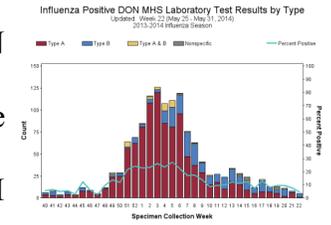
See page 4 for this week's influenza news updates. [More](#)

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



Laboratory:

- There were five positive laboratory influenza results identified among DON beneficiaries in Week 22 (one Type A, four Type B).
- Three cases were at NMC San Diego. Walter Reed and NH Guam-Agana had one case each.
 - NMC San Diego has had the most cases this season (215), followed by NH Lemoore (171) and NH Bremerton (86).
- During Week 22, 4.8% of all influenza tests performed were positive.
 - This is higher than the percent of tests with positive results in Week 22 of last season (3.8%).
- The number of cases this week is slightly above seasonal baseline.
- In Week 22, one case was positive by rapid test and four were positive by PCR.

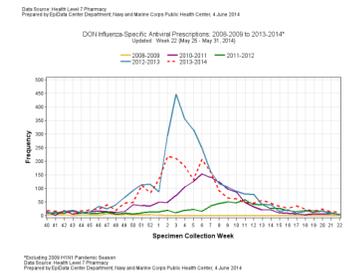
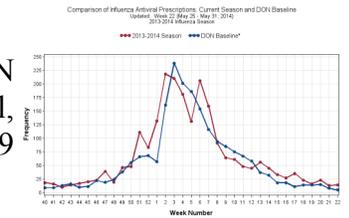


Frequency of Testing Types among Positive Influenza Tests					
	Rapid	Culture	PCR	DFA	Unspecified
Week 22	20.0%	0%	80.0%	0%	0%
Season	61.9%	14.2%	23.9%	0%	0%

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Antivirals:

- There were 14 influenza-specific antiviral (AV) medications prescribed to DON beneficiaries this week (one amantadine, 12 oseltamivir, one rimantadine). Overall, there have been 2,295 AVs prescribed to DON beneficiaries this season (39 amantadine, 2,255 oseltamivir, one rimantadine).
- Antiviral prescriptions were slightly above seasonal baseline.
- Five of the antiviral prescriptions were in the inpatient setting.



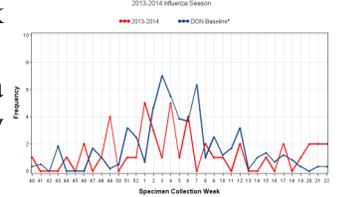
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Inpatient:

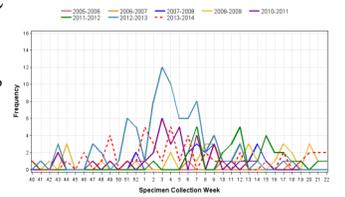
- There were 21 inpatient influenza tests performed among DON beneficiaries in Week 22; two were positive.
 - This week's cases were a male Navy retiree, age 45+, at Walter Reed and a female Navy spouse, age 45+, at NMC San Diego. Both were positive by Type B by PCR.
- There were five AV medications prescribed in the inpatient setting this week.
 - This week's cases were all Navy (100%) and mostly spouses (40%) ages 45 + (60%). Three patients received oseltamivir, one received amantadine, and one received rimantadine.
 - Inpatient prescriptions this week were prescribed at WRNMMC (two), NH Camp Lejeune, NH Guam, NMC San Diego.
- There were no inpatient cases reported to DRSi this week.
 - There have been 39 cases reported to DRSi since the beginning of the season.

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



Weekly Update of 2013-2014, 2011-2012, and 2010-2011 Influenza
Positive Laboratory Results for DON Inpatient MEPRS Codes (A)
Updated: Week 22 (May 22, May 31, 2014)
Reported to DRSi (Data Center Department) since the start of the 2013-2014 season. Cases may be added to previous weeks as reported to CHCS.
Reported to DRSi (Data Center Department) since the start of the 2010-2011 season. Cases may be added to previous weeks as reported to CHCS.

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



Weekly Update of 2013-2014, 2011-2012, and 2010-2011 Influenza
Positive Laboratory Results for DON Inpatient MEPRS Codes (A)
Updated: Week 22 (May 22, May 31, 2014)
Reported to DRSi (Data Center Department) since the start of the 2013-2014 season. Cases may be added to previous weeks as reported to CHCS.
Reported to DRSi (Data Center Department) since the start of the 2010-2011 season. Cases may be added to previous weeks as reported to CHCS.

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Coinfections:

- There was one bacterial coinfection identified among DON beneficiaries in Week 22 (*Proteus*). **More**
- There have been 60 coinfections identified this season (*Streptococcus* 15, *Escherichia* 13, *Staphylococcus* 5, others).

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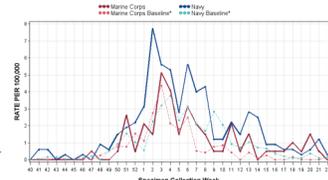


Active Duty & Recruits:

- There was one positive laboratory influenza result among DON active duty service members in Week 22. Click table at right for vaccination status of this week's active duty cases.
 - This week's case was a Navy service member positive for Type A at NMC San Diego.
- There were no positive laboratory influenza results among DON recruits in Week 22.
- Five active duty service members received AVs during Week 22.
 - All five cases were Navy.
 - This week's cases were dispensed at BMC NAVSTA San Diego, NACC Port Hueneme, NH Camp Lejeune, NMC San Diego, and WRNMMC.
- There were no AVs dispensed to recruits during Week 22.

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

Updated: Week 22 (May 25 - May 31, 2014)



*Updated: Baseline: 2013-2011, 2011-2012, and 2012-2013 seasons.
 Non-reporting Source: Cases of laboratory positive results. Description: Source: 407 unreported results.
 Positive: 100% (100% positive results and negative positive results). Cases may be added to previous weeks as reported to CHCS.
 Prepared by: EpiData Center Department, Navy and Marine Corps Public Health Center, 4 June 2014

Vaccination Status of DON Active Duty and Recruit Influenza Cases, Week 22, 2013-2014 Season

Service/Status	Timing of Vaccination	Vaccine Type	
		IV	AV
Navy Active Duty	>=34 days prior to influenza	1	0
ALL		1	0

LAV: live-attenuated influenza vaccine (intranasal), IIV: inactivated influenza vaccine (injection)
 Prepared by EpiData Center Department, Navy and Marine Corps Public Health Center, 4 June 2014

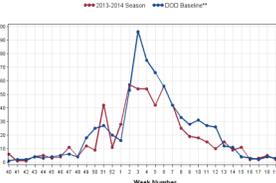
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Children:

- The rates of positive influenza results in the 0-4 and 5-17 age groups in Week 22 were 0 and 0.7 per 100,000, respectively.
- There was one AV medication prescribed to children during Week 22. The number of AVs dispensed to children during Week 22 was comparable to seasonal baseline.

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

Updated: Week 22 (May 25 - May 31, 2014)

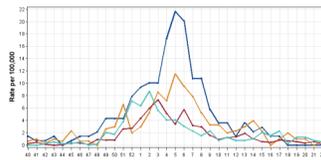


Data Source: Health Level 1 Pharmacy

Prepared by EpiData Center Department, Navy and Marine Corps Public Health Center, 4 June 2014

Influenza Positive DON MHS Laboratory Test Results by Beneficiary Age

Updated: Week 22 (May 25 - May 31, 2014)



Data Source: Baseline: 2013-2011, 2011-2012, and 2012-2013 seasons.
 Non-reporting Source: Cases of laboratory positive results. Description: Source: 407 unreported results.
 Positive: 100% (100% positive results and negative positive results). Cases may be added to previous weeks as reported to CHCS.
 Prepared by: EpiData Center Department, Navy and Marine Corps Public Health Center, 4 June 2014

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Other Age Groups:

- During Week 22, the laboratory influenza rates among the 18-44 and 45+ age groups were 0.1 and 0.5 per 100,000, respectively.

In the News:

- The CDC's FluView report for Week 21 indicates that seasonal influenza activity is low and declining. The percentage of deaths due to pneumonia and influenza was below the epidemic threshold. [More](#)
- The WHO's influenza update (as of Week 20) shows that globally, influenza activity was at inter-seasonal levels in most countries. Some countries in the southern hemisphere are beginning to see an increase in influenza-like illness activity. [More](#)

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