



CURRENT WEEK



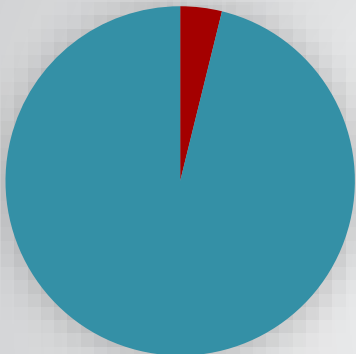
Surveillance Items of Note:

- **FRI and AGE rates remain at or below expected values.**
- **NHRC initiated surveillance at four new sites. Please see below for details.**

FEBRILE RESPIRATORY ILLNESS CASES

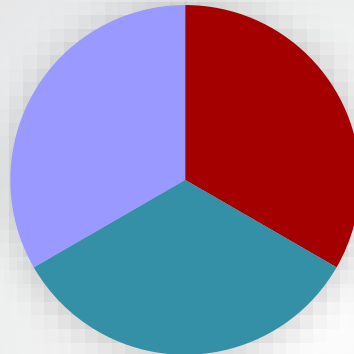
6/24/18 7/7/18

Military Recruits



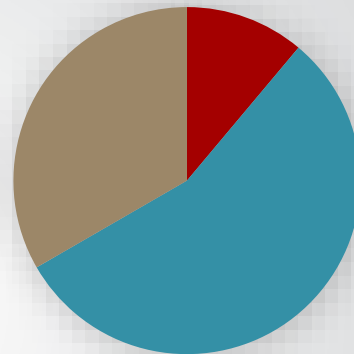
N= 26 pos./46 tested

CDC-BIDS (Border)



N= 3 pos./10 tested

DoD Beneficiaries



N= 9 pos./33 tested

- Adenovirus
- Flu A/H1
- Flu A/H3
- Flu B/Victoria
- Flu B/Yamagata
- Rhinovirus
- RSV
- M. pneumoniae
- C. pneumoniae

AGE RECRUIT SURVEILLANCE 6/10/18 7/7/18

4 of 5 samples collected have completed testing:

- Ft. Leonard Wood (1/1), MCRD San Diego (1/2), and MCRD Parris Island (2/2).
- One sample tested from MCRD PI was identified as Enteroaggregative *E. coli* (EAEC) positive. All other samples were negative for Norovirus, *Salmonella*, *Campylobacter*, *Shigella* and diarrheagenic *E. coli*.

NOTEWORTHY

NHRC recently launched febrile respiratory illness surveillance in DoD beneficiary populations at the following sites:

- Naval Medical Center Portsmouth, VA (6/1/18)
- Boone Health Clinic Portsmouth, VA (6/1/18)
- Naval Branch Health Clinic, Naval Training Center San Diego, CA (7/18/18)
- Naval Health Clinic Lemoore, CA (7/19/18)

NHRC Influenza Vaccine Effectiveness in Outpatients, 2017 18 Season

- NHRC used FRI surveillance data to estimate influenza vaccine effectiveness(VE).
- For the 2017-18 season, we saw moderate (H3) to good (flu B) adjusted VE in the Tricare beneficiary and U.S.-Mexico border civilian populations, which were almost exclusively in southern California. See chart to the right for specifics.

Characteristic	Flu Positive N (% Vaccinated)	Flu Negative N (% Vaccinated)	Adjusted Analysis*			
			VE	(95% CI)	p-value	
Overall VE	452 (16)	626 (36)	63	(50-73)	<.001	
Subtype	Flu A/H3	210 (21)	626 (36)	52	(28-68)	<.001
	Flu B	222 (13)	626 (36)	71	(55-81)	<.001
	B/Victoria	95 (12)	626 (36)	74	(49-86)	<.001
	B/Yamagata	127 (14)	626 (36)	69	(47-82)	<.001

*Adjusted for age group, study population, and calendar period

FRI Recruit surveillance sites: Ft. Benning, Ft. Jackson, Ft. Leonard Wood, NRTC Great Lakes, MCRD San Diego, MCRD Parris Island, Lackland AFB, CGTC Cape May
Acute Gastroenteritis (AGE) Recruit surveillance sites: Ft. Leonard Wood, NRTC Great Lakes, MCRD San Diego, MCRD Parris Island
CDC Border Infectious Disease Surveillance and Zika Surveillance sites: Clinica de Salud del Pueblo Brawley, Clinica de Salud del Pueblo Calexico, Clinica de Salud del Pueblo El Centro, San Ysidro Health Center, Brawley Pioneers Memorial Hospital, El Centro Regional Medical Center, Sharp Chula Vista Medical Center, Mexicali General Hospital
DoD Beneficiaries surveillance sites: Branch Health Clinic Yuma/Marine Corps Air Station Yuma, Naval Hospital Camp Pendleton, Captain James A Lovell Federal Health Care Center (Naval Hospital Great Lakes), Robert E. Bush Naval Hospital Twenty Nine Palms, Naval Training Center San Diego, Naval Medical Center San Diego, Naval Branch Health Clinic Kearny Mesa, Naval Hospital Lemoore, Naval Hospital Yokosuka, Naval Branch Health Clinic Naval Base San Diego, Naval Medical Center Portsmouth, Boone Branch Health Clinic Portsmouth