



CURRENT WEEK



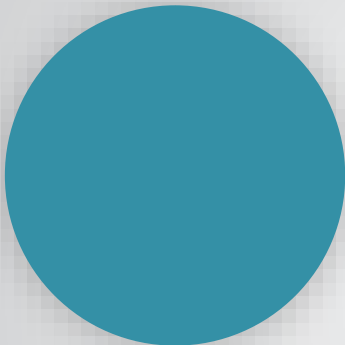
Surveillance Items of Note:

- FRI rates remain moderate.
- Please see bottom section for characterization of Adenovirus types in stool and rectal swab samples during FY2018, predominantly from recruits with AGE symptoms.

FEBRILE RESPIRATORY ILLNESS CASES

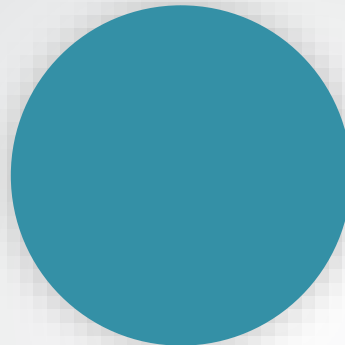
8/12/18 8/25/18

Military Recruits



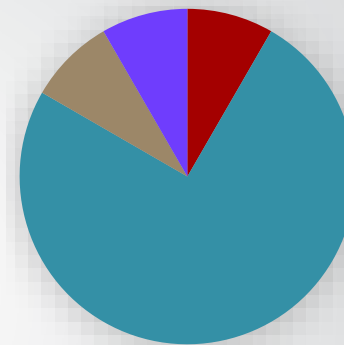
N= 3 pos./10 tested

CDC-CDPH-BIDS (Border)



N= 1 pos./3 tested

DoD Beneficiaries



N= 12 pos./28 tested

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

AGE RECRUIT SURVEILLANCE

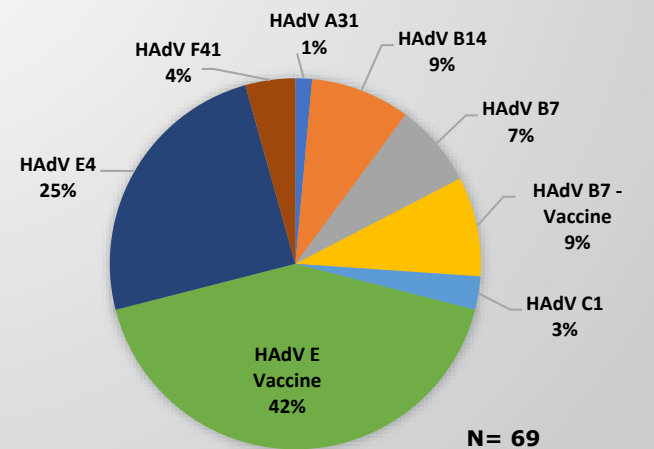
8/5/18 9/1/18

14 of 18 samples collected have completed testing:

- Ft. Leonard Wood (0/0), MCRD San Diego (8/12), and MCRD Parris Island (6/6).
- Norovirus G.II detected in two MCRD SD samples. Rates remain typical for the season.
- All other samples were negative for Norovirus, *Salmonella*, *Campylobacter*, *Shigella* and diarrheagenic *E. coli*.

- AGE samples from recruits were tested with a pan-HAdV real-time PCR test and other AGE samples with FilmArray GPP (HAdV F40/41 only).
- HAdV E4 and B7 results from recruits underwent typing for vaccine-type or wild-type. When it was not possible to distinguish between the two, in recruits HAdV E4 and B7 are presumed to be vaccine-type viruses shed from the GI tract. HAdV B14 detection in stool (all from MCRD PI) may represent GI tract shedding or clinical AGE.

Adenovirus in Enteric Samples FY2018



- HAdV A31
- HAdV B14
- HAdV B7
- HAdV B7 - Vaccine
- HAdV C1
- HAdV E Vaccine
- HAdV E4
- HAdV F41

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