Surveillance Item of Note:

- Continued influenza B and RSV cases in border and DoD beneficiary populations in Southwest US. Severe Acute Respiratory Infection (SARI) cases near the CA-Mexico border are highlighted below.

FEBRILE RESPIRATORY ILLNESS CASES:

2/11/18 – 2/24/18

Military Recruits

N = 107 pos./173 tested

CDC-BIDS (Border)

N = 107 pos./148 tested

DoD Beneficiaries

N = 22 pos./41 tested

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

AGE RECRUIT SURVEILLANCE:

1/28/18 – 2/24/18

11 of 11 samples collected have completed testing:
- Ft. Leonard Wood (5), NRTC Great Lakes (0), MCRD San Diego (5), and MCRD Parris Island (1).
- Two of the five samples tested from Ft. Leonard Wood were positive for Norovirus GI. All others were negative Norovirus, Salmonella, Campylobacter, and Shigella.

US SPECIAL FORCES: 2/11/18 – 2/24/18

- One of five samples collected were positive for influenza A/H3 at a San Diego warfare training school.

US-MEXICO BORDER SARI CASES:

10/1/17 – 2/24/18

Legend:
- Inf A/H1
- Inf A/H3
- Inf B
- Rhinovirus
- RSV
- Adeno
- Other
- None identified
- % flu

NOTEWORTHY:

- NHRC influenza surveillance data (results, sequences, and vaccine effectiveness estimates) were included in a DoD presentation at the annual FDA meeting that decides influenza vaccine formulation.
- NHRC starting febrile respiratory illness surveillance in the DoD beneficiary population at Naval Base San Diego - Naval Branch Health Clinic next week.


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 Calaxico, 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 (NHCP), Captain James A Lovell Federal Health Care Center (Naval Hospital Great Lakes), Robert E. Bush Naval Hospital Twenty Nine Palms (RBNNH), Naval Training Center San Diego (NTC), Naval Medical Center San Diego (NMCD), Naval Branch Health Clinic Kearny Mesa (NBHCKM), Naval Hospital Lemoore (NHL), Naval Hospital Yokosuka (NYH)

For more information please contact: nhrc fri surveillance@mail.mil