Surveillance Items of Note:

• Elevated FRI rate at MCRD San Diego, with increased influenza A/H3 and ongoing rhinovirus cases.

• Outbreak of AGE due to Shiga toxin-producing E. coli (STEC) among recruits at MCRD San Diego and Camp Pendleton is ongoing, but has markedly declined as of 9 November.*

FEBRILE RESPIRATORY ILLNESS CASES: 10/22/17 – 11/04/17

Military Recruits

N = 41 pos./84 tested

CDC-BIDS (Border)

N = 11 pos./30 tested

DoD Beneficiaries

N = 22 pos./66 tested

LEGEND:

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

AGE RECRUIT SURVEILLANCE: 09/24/17 – 10/28/17

19 of 33 samples collected have completed testing:

- Ft. Leonard Wood (5), NRTC Great Lakes (0), MCRD San Diego (13), and MCRD Parris Island (1). One sample from MCRD SD was Norovirus GI positive.

Sample collection and testing for MCRD SD during E. coli-associated AGE outbreak is ongoing.

SPECIAL FORCES: 10/22/17 – 11/04/17

- Four samples were tested from a San Diego warfare training school during the last two weeks. Three samples were positive for Rhinovirus.

NOTEWORTHY:

- *Outbreak of AGE due to Shiga toxin-producing E. coli (STEC) among recruits at MCRD San Diego and Camp Pendleton ongoing. More than 400 cases overall, with the peak on Monday 10/30. Markedly decreased by Thursday 11/9.

- NHRC testing showed E. coli O157 expressing the Stx2 Shiga toxin to be responsible for the outbreak. 1/3 samples collected yesterday tested positive for both STEC and NoV.

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