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

**Military Recruits**

- N= 3 pos./10 tested

**CDC-CDPH-BIDS (Border)**

- N= 1 pos./3 tested

**DoD Beneficiaries**

- N= 12 pos./28 tested

### AGE RECRUIT SURVEILLANCE

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

- HAdV A31: 1%
- HAdV A31: 9%
- HAdV B7: 25%
- HAdV B14: 4%
- HAdV B14: 3%
- HAdV E: 42%
- N= 69