If a suspected case of meningococcal disease presents at your MTF, please provide NHRC with a specimen.

One Case Reported First Quarter 2017

A probable active-duty case was identified that included a PCR result positive for N. meningitidis but not serogroupable. The patient fully recovered.

There have been a total of 6 confirmed and probable cases identified in active-duty service members in the last 6 months.
# NHRC Meningococcal Disease Surveillance

**Variable** | '06 | '07 | '08 | '09 | '10 | '11 | '12 | '13 | '14 | '15 | '16 | 2017 | Total Q1 | Total '12-'16 | Incidence '12-'16
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Serogroup |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
B | 3 | 3 | 1 | 1 | 1 | 3 | 2 | 12 |  |  |  |  |  |  |  
C | 4 | 1 | 2 | 1 |  | 8 | 1 |  |  |  |  |  |  |  |  
W-135 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
Y | 2 | 4 | 1 | 3 | 1 | 1 | 1 | 12 |  |  |  |  |  |  |  
Unknown | 2 | 1 | 1 |  | 1 | 2 | 1 | 1 |  |  |  |  |  |  |  
Mortality Status |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
Fatal | 1 | 2 | 2 | 1 |  |  | 6 | 0 | 0% of all |  |  |  |  |  |  
Not Fatal | 5 | 5 | 6 | 2 | 5 | 1 | 3 | 4 | 5 | 1 | 31 | 8 | 100% of all |  |  
Immunizations* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
Polysaccharide | 6 | 2 | 4 | 1 |  | 3 | 16 | 3 |  |  |  |  |  |  |  
Conjugate | 2 | 4 | 2 | 4 | 1 | 1 | 4 | 5 | 1 | 18 | 5 |  |  |  
Unknown |  |  |  |  |  |  |  |  |  |  |  |  |  | 3 |  
Location |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
OCONUS | 2 | 2 | 2 | 1 |  | 1 | 8 | 1 |  |  |  |  |  |  |  
Midwest | 1 | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  
Southeast | 3 | 2 | 2 | 1 | 2 | 1 | 12 | 1 |  |  |  |  |  |  |  
Southwest | 1 | 2 | 3 | 2 | 1 | 2 | 2 | 2 | 13 | 5 |  |  |  |  
Northeast | 1 | 1 | 1 | 1 | 1 |  | 3 | 1 |  |  |  |  |  |  |  
Northwest | 1 | 1 | 1 | 1 | 1 | 3 |  |  |  |  |  |  |  |  |  
Service |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
Air Force | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 0.190 |  |  |  |  |  |  
Army | 2 | 4 | 1 | 1 | 1 | 1 | 9 | 1 | 0.079 |  |  |  |  |  |  
Coast Guard | 1 | 1 | 1 | 1 | 1 | 1 | 0.000 |  |  |  |  |  |  |  |  
Marines | 4 | 6 | 3 | 1 | 2 | 2 | 2 | 18 | 4 | 0.638 |  |  |  |  |  
Navy | 2 | 1 | 1 | 1 | 1 | 1 | 5 | 1 | 0.126 |  |  |  |  |  |  
AD status |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
Recruitb | 3 | 1 | 5 | 2 | 1 | 1 | 13 | 1 | 2.270 |  |  |  |  |  |  
Enlisted | 3 | 6 | 3 | 2 | 3 | 1 | 2 | 3 | 2 | 1 | 23 | 6 | 0.175 |  |  
Officer | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0.111 |  |  |  |  |  |  
Gender |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
F | 1 | 1 | 2 | 1 | 1 | 1 | 6 | 1 | 0.198 |  |  |  |  |  |  
M | 6 | 7 | 7 | 1 | 3 | 3 | 4 | 1 | 31 | 7 | 0.190 |  |  |  |  
Race/Ethnicity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
Asian | 1 | 1 |  |  | 1 |  | 2 | 1 | 0.340 |  |  |  |  |  |  
Black | 1 | 3 | 1 | 3 | 1 | 2 | 1 | 1 | 1 | 2 | 11 | 2 | 0.245 |  |  
Hispanic | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 2 | 0.381 |  |  |  |  |  |  
White | 5 | 3 | 5 | 1 | 2 | 1 | 2 | 1 | 19 | 3 | 0.119 |  |  |  |  
Unk/Other | 1 | 1 | 1 | 1 | 1 | 2 | 0 | 0.487 |  |  |  |  |  |  |  
Age |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  
17-19 | 3 | 3 | 5 | 1 | 1 | 2 | 2 | 2 | 15 | 2 | 0.947 |  |  |  |  
20-24 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 12 | 2 | 0.190 |  |  |  |  
25-29 | 2 | 1 | 1 | 1 | 1 | 4 | 1 | 0.124 |  |  |  |  |  |  |  
30-34 |  |  |  |  |  |  |  |  |  |  |  |  |  | 2 | 0.184 |  
>=35 | 2 | 1 | 1 | 1 | 4 | 1 | 0.068 |  |  |  |  |  |  |  |  |  
Total Cases | 6 | 7 | 8 | 2 | 5 | 1 | 1 | 3 | 4 | 0 | 5 | 1 | 37 | 8 |  
Incidence | 0.426 | 0.499 | 0.565 | 0.138 | 0.343 | 0.069 | 0.070 | 0.213 | 0.285 | 0.392 | 0.272 | 0.190 |  |  |  

Data Sources: NMCPHC EpiData Center, Armed Forces Health Surveillance Branch, and NHRC.

*The counts here do not imply vaccine failures.

bIncludes 2 service academy students.

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**Specimens may be shipped to**

Attn: Specimen Receiving
NHRC Operational Infectious Diseases Department
McClelland & Patterson Roads, Gate 4, Bldg 330
San Diego, CA 92152
(619) 553-8515, (619) 553-8375
Email: dod.nhrc-mgc@mail.mil