

# Armed Forces Communicable Disease Weekly Report

Summary of Communicable Reportable Events by Service

Surveillance Period: 22MAY2016 to 18JUN2016

|                     |                               | Army   |         | Navy   |         | Air Force |         | Marine Corps |         | Coast Guard |         |
|---------------------|-------------------------------|--------|---------|--------|---------|-----------|---------|--------------|---------|-------------|---------|
|                     |                               | 7 Days | 28 Days | 7 Days | 28 Days | 7 Days    | 28 Days | 7 Days       | 28 Days | 7 Days      | 28 Days |
| Enteric             | Campylobacter                 | 3      | 17      | .      | 2       | 1         | 7       | 2            | 5       | .           | .       |
|                     | Cryptosporidiosis             | .      | 3       | .      | .       | .         | 2       | .            | .       | .           | .       |
|                     | Giardiasis                    | .      | 1       | .      | .       | .         | .       | .            | .       | .           | .       |
|                     | Norovirus                     | 2      | 9       | .      | .       | .         | 1       | .            | .       | .           | .       |
|                     | Salmonellosis                 | .      | 14      | 1      | 3       | .         | 3       | .            | 1       | .           | .       |
|                     | Shiga toxin-producing E. coli | .      | 1       | .      | .       | 1         | 3       | .            | .       | .           | .       |
|                     | Shigellosis                   | .      | 5       | .      | 1       | 1         | 1       | .            | .       | .           | .       |
| Vaccine-preventable | Hepatitis A                   | .      | .       | .      | .       | .         | 1       | .            | .       | .           | .       |
|                     | Meningococcal Disease         | .      | .       | .      | 1       | .         | .       | .            | .       | .           | .       |
|                     | Pertussis                     | .      | 1       | .      | .       | .         | .       | .            | .       | .           | .       |
|                     | Varicella, AD only            | .      | .       | .      | 1       | .         | .       | .            | .       | .           | .       |
| Vector-borne        | Lyme Disease                  | .      | 9       | .      | 3       | .         | .       | .            | 1       | .           | .       |
|                     | Rocky Mountain Spotted Fever  | .      | .       | .      | 1       | .         | .       | .            | .       | .           | .       |
| Tropical            | Dengue Fever                  | .      | .       | .      | 1       | .         | .       | .            | .       | .           | .       |
|                     | Malaria                       | .      | 4       | .      | .       | .         | .       | .            | .       | .           | .       |
| Other               | Legionellosis                 | .      | 1       | .      | .       | .         | .       | .            | .       | .           | 1       |
|                     | Syphilis                      | 1      | 14      | .      | 6       | 4         | 4       | .            | .       | .           | .       |
|                     | Tuberculosis                  | .      | 1       | .      | .       | .         | .       | .            | .       | .           | .       |

Only those diseases with at least 1 reported event are displayed.

Service displayed is of the affected individual's service or the sponsor's service.

Data Source: Defense Medical Surveillance System (DMSS), as of 22 June 2016.

Prepared by Armed Forces Health Surveillance, Public Health Division, Defense Health Agency.

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|                                    | Enteric       |         |                   |         |            |         |           |         |               |         |                               |         |             |         |   |
|------------------------------------|---------------|---------|-------------------|---------|------------|---------|-----------|---------|---------------|---------|-------------------------------|---------|-------------|---------|---|
|                                    | Campylobacter |         | Cryptosporidiosis |         | Giardiasis |         | Norovirus |         | Salmonellosis |         | Shiga toxin-producing E. coli |         | Shigellosis |         |   |
|                                    | 7 days        | 28 days | 7 days            | 28 days | 7 days     | 28 days | 7 days    | 28 days | 7 days        | 28 days | 7 days                        | 28 days | 7 days      | 28 days |   |
| AF-TH-379th EMDS-AL UDEID, QA      | .             | .       | .                 | 2       | .          | .       | .         | .       | .             | .       | 2                             | .       | .           | .       | . |
| AF-C-86th MED GRP-RAMSTEIN, GM     | .             | .       | .                 | .       | .          | .       | .         | .       | 1             | .       | .                             | .       | .           | .       | . |
| AHC GRAFENWOEHR, GM                | .             | 3       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| LANDSTUHL REGIONAL MEDCEN, GM      | .             | 1       | .                 | 2       | .          | .       | .         | .       | 2             | .       | .                             | .       | .           | .       | . |
| AHC-VICENZA, IT                    | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | . |
| NH ROTA, SP                        | 1             | 2       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | . |
| AF-C-39th MED GRP-INCIRLIK, TU     | .             | .       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | 1           | .       | . |
| WALTER REED NATL MIL MED CNTR, MD  | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | 1 |
| FT BELVOIR COMMUNITY HOSP-FBCH, VA | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | . |
| NBHC DAHLGREN, VA                  | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| AMC WOMACK-BRAGG, NC               | .             | 2       | .                 | .       | .          | .       | .         | .       | .             | 2       | .                             | .       | .           | .       | . |
| AMC EISENHOWER-GORDON, GA          | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | . |
| ACH WINN-STEWART, GA               | .             | .       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | 4 |
| NH JACKSONVILLE, FL                | .             | .       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | 1           | .       | . |
| ACH BLANCHFIELD-CAMPBELL, KY       | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 2       | .                             | .       | .           | .       | . |
| AF-MC-88th MED GRP-WRIGHT-PAT, OH  | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| ACH IRWIN-RILEY, KS                | 1             | 3       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| ACH BAYNE-JONES-POLK, LA           | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 2       | .                             | .       | .           | .       | . |
| ACH REYNOLDS-SILL, OK              | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| AMC DARNALL-HOOD, TX               | .             | .       | .                 | 1       | .          | 1       | .         | 1       | .             | 2       | .                             | .       | .           | .       | . |
| AMC BAMC-FSH, TX                   | .             | .       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | 1       | 1 |
| AF-C-59th MDW-WHASC-LACKLAND, TX   | 1             | 2       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| AMC WILLIAM BEAUMONT-BLISS, TX     | 1             | 1       | .                 | .       | .          | .       | .         | 2       | 6             | .       | .                             | .       | .           | .       | 1 |
| AF-MC-99th MED GRP-NELLIS, NV      | .             | .       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | 1           | .       | . |
| NMC SAN DIEGO, CA                  | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | . |
| AF-MC-60th MED GRP-TRAVIS, CA      | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| ACH BRIAN ALLGOOD-SEOUL, KS        | 1             | 2       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| AHC CAMP CASEY-TONGDUCHON, KS      | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| AF-H-35th MED GRP-MISAWA, JA       | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | 1       | 1                             | 1       | 1           | .       | . |
| AMC TRIPLER-SHAFTER, HI            | 1             | 4       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| NHC HAWAII, HI                     | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |
| NH GUAM-AGANA, GU                  | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | 2       | .                             | .       | .           | .       | . |
| AMC OLD MADIGAN-LEWIS, WA          | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | 1       | .                             | .       | .           | .       | . |
| ACH BASSETT-WAINWRIGHT, AK         | .             | 1       | .                 | .       | .          | .       | .         | .       | .             | .       | .                             | .       | .           | .       | . |

MTFs displayed by order of ZIP code (numeric/geographical arrangement).

Data Source: Defense Medical Surveillance System (DMSS), as of 22 June 2016.

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|                                    | Vaccine-preventable |         |                       |         |           |         |                    |         |   |
|------------------------------------|---------------------|---------|-----------------------|---------|-----------|---------|--------------------|---------|---|
|                                    | Hepatitis A         |         | Meningococcal Disease |         | Pertussis |         | Varicella, AD only |         |   |
|                                    | 7 days              | 28 days | 7 days                | 28 days | 7 days    | 28 days | 7 days             | 28 days |   |
| NHC ANNAPOLIS, MD                  | .                   | .       | .                     | .       | .         | .       | .                  | .       | 1 |
| AF-H-633rd MED GRP LANG-EUSTIS, VA | .                   | 1       | .                     | .       | .         | .       | .                  | .       | . |
| AMC OLD MADIGAN-LEWIS, WA          | .                   | .       | .                     | .       | .         | .       | 1                  | .       | . |
| ACH BASSETT-WAINWRIGHT, AK         | .                   | .       | .                     | 1       | .         | .       | .                  | .       | . |

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|                                    | Vector-borne |         |                              |         | Tropical     |         |         |         | Other         |         |          |         |              |         |   |   |
|------------------------------------|--------------|---------|------------------------------|---------|--------------|---------|---------|---------|---------------|---------|----------|---------|--------------|---------|---|---|
|                                    | Lyme Disease |         | Rocky Mountain Spotted Fever |         | Dengue Fever |         | Malaria |         | Legionellosis |         | Syphilis |         | Tuberculosis |         |   |   |
|                                    | 7 days       | 28 days | 7 days                       | 28 days | 7 days       | 28 days | 7 days  | 28 days | 7 days        | 28 days | 7 days   | 28 days | 7 days       | 28 days |   |   |
| IA-USOMC MUSCAT, MU                | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | 2       | . | . |
| AF-C-87th MED GRP-MCGUIRE, NJ      | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | 1       | 1            | .       | . | . |
| AHC BAUMHOLDER, GM                 | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | 1            | .       | . | . |
| AHC GRAFENWOEHR, GM                | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| LANDSTUHL REGIONAL MEDCEN, GM      | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| ACH KELLER-WEST POINT, NY          | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| AHC DUNHAM-CARLISLE BARRACKS, PA   | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| KIMBROUGH AMB CAR CEN-MEADE, MD    | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| WALTER REED NATL MIL MED CNTR, MD  | .            | 2       | .                            | .       | .            | .       | .       | .       | .             | 1       | .        | 1       | .            | .       | . | . |
| NMC PORTSMOUTH, VA                 | .            | .       | .                            | .       | .            | .       | .       | .       | .             | 1       | .        | 2       | .            | .       | . | . |
| ACH WINN-STEWART, GA               | .            | .       | .                            | .       | .            | .       | .       | 1       | .             | .       | .        | 1       | .            | .       | . | . |
| NH JACKSONVILLE, FL                | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| NH PENSACOLA, FL                   | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | 1            | .       | . | . |
| AF-C-1st SPCL OPS MED-HURLBURT, FL | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | 2       | 2            | .       | . | . |
| AHC LYSTER-RUCKER, AL              | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | 1 |
| ACH BLANCHFIELD-CAMPBELL, KY       | .            | .       | .                            | .       | .            | .       | .       | 1       | .             | .       | .        | .       | .            | .       | . | . |
| ACH IRWIN-RILEY, KS                | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | 1            | .       | . | . |
| ACH BAYNE-JONES-POLK, LA           | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| AMC DARNALL-HOOD, TX               | .            | .       | .                            | .       | .            | .       | .       | 1       | .             | .       | .        | .       | 2            | .       | . | . |
| AMC BAMC-FSH, TX                   | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | 2       | 3            | .       | . | . |
| AF-C-59th MDW-WHASC-LACKLAND, TX   | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | 1            | .       | . | . |
| AMC WILLIAM BEAUMONT-BLISS, TX     | .            | 2       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | 3            | .       | . | . |
| ACH EVANS-CARSON, CO               | .            | .       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | 2            | .       | . | . |
| NH CAMP PENDLETON, CA              | .            | 1       | .                            | 1       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| NMC SAN DIEGO, CA                  | .            | 1       | .                            | .       | .            | .       | .       | .       | .             | .       | .        | .       | .            | .       | . | . |
| AHC CAMP CASEY-TONGDUCHON, KS      | .            | .       | .                            | .       | .            | .       | .       | 1       | .             | .       | .        | .       | .            | .       | . | . |
| AMC TRIPLER-SHAFTER, HI            | .            | .       | .                            | .       | .            | 1       | .       | .       | .             | .       | .        | .       | 1            | .       | . | . |

MTFs displayed by order of ZIP code (numeric/geographical arrangement).

Data Source: Defense Medical Surveillance System (DMSS), as of 22 June 2016.

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# Armed Forces Communicable Disease

## Weekly Report

### REPORT DESCRIPTION



#### PURPOSE/DESCRIPTION

This report provides a weekly snapshot of communicable diseases for which reporting is mandated by the Armed Forces Reportable Medical Events Guidelines & Case Definitions (revised March 2012). Its purpose is to facilitate geographic and cross-Service comparisons of communicable disease trends across the Armed Forces, particularly:

- a. at Medical Treatment Facilities (MTFs) that serve beneficiaries of multiple Services; and,
- b. in regions served by multiple MTFs belonging to different Services.

#### FREQUENCY

The Armed Forces Communicable Disease Weekly Report is released each week by Armed Forces Health Surveillance and is posted on the AFHS website at: <https://www.health.mil/Military-Health-Topics/Health-Readiness/Armed-Forces-Health-Surveillance-Branch/Reports-and-Publications>

#### DATA SOURCE

Reportable events using data collected from the Services (Army, Navy, Air Force, Marine Corps, and Coast Guard) electronic Disease Reporting System internet (DRSi) which feeds specific variables into AFHS's Defense Medical Surveillance System (DMSS).

#### CASE DEFINITIONS & CAVEATS

1. Case Inclusion: Reportable events as per the Armed Forces Reportable Medical Event Guidelines & Case Definitions (March 2012). For this report, communicable diseases are grouped into 6 mutually exclusive categories: enteric, vector-borne, zoonotic, tropical, vaccine-preventable, and other.

**Enteric:** Amebiasis, Botulism, Campylobacter infection, Cholera, Cryptosporidiosis, Cyclospora infection, Shiga-toxin producing E. Coli, Giardiasis, Norovirus, Salmonellosis, Shigellosis

**Vector-borne:** Anaplasmosis/Ehrlichiosis, Arboviral Encephalitis, Lyme Disease, Plague, Rocky Mountain Spotted Fever, Typhus Fever

**Zoonotic:** Anthrax, Brucellosis, Hantavirus disease, Leptospirosis, Listeriosis, Q Fever, Rabies, Trichinosis, Tularemia

**Vaccine-preventable:** Diphtheria, invasive Haemophilis influenza, Hepatitis A, Measles, Meningococcal Disease, Mumps, Pertussis, Poliomyelitis, Rubella, Smallpox, Tetanus, Typhoid Fever, Varicella (active duty only), Yellow Fever

**Tropical:** Dengue Fever, Filariasis, Hemorrhagic Fever, Leishmaniasis, Leprosy, Malaria, Relapsing Fever, Rift Valley Fever, Schistosomiasis, Trypanosomiasis

**Other:** Coccidioidomycosis, Legionellosis, Rheumatic Fever, Severe Acute Respiratory Syndrome, invasive Group A Streptococcus, Syphilis, Toxic Shock Syndrome, Tuberculosis

2. Exclusion Criteria: Armed Forces reportable medical events excluded from this report include influenza (due to detailed coverage in other reports), prevalent sexually transmitted infections (chlamydia and gonorrhea), parenterally transmitted infections (hepatitis B and C), heat/cold weather injuries, vaccine adverse events and generalized outbreaks.

3. Case Confirmation: Cases included in this report are confirmed, suspect, probable, or pending, thus providing visibility of potential outbreaks while laboratory confirmation is pending. The reporting of cases definitions of confirmed, suspect or probable are available in the Armed Forces Reportable Medical Event Guidelines (March 2012).

4. Surveillance Period: The surveillance periods for this summary include the 7-day and 28-day windows preceding the date of each weekly report; events are categorized by the date that they occurred, rather than the date they were reported.

5. Population: The population under surveillance includes all Armed Forces beneficiaries seeking medical care at MTFs. The Service affiliation of the sponsor is considered to be the Service of the affected individual for the purposes of this report. Individuals without a designated Service are not included in this report.

6. Definition/Clarifications:

- Counts represent unique individuals from any data source. Cases counted in the 7-day column are included the 28-day column.
- The Summary by Service table provides counts of communicable disease events by service of the sponsor. Only those diseases with events are displayed.
- The Cases by MTF tables provide counts of communicable disease events by the geographic location and name of the reporting MTF.
- The Cases by MTF tables are displayed by precedence of the MTFs' ZIP codes thereby providing a regional/geographical arrangement to the MTFs displayed.
- The only identifiable data included in this report are the locations of the reporting MTFs. When needed, information sharing for public health investigations is provided through secure channels to public health personnel identified by agreement among the Services' Public Health hub representatives.
- The Armed Forces Reportable Medical Events Guidelines & Case Definitions (revised March 2012), are available on-line at: <https://www.health.mil/Military-Health-Topics/Health-Readiness/Armed-Forces-Health-Surveillance-Branch/Reports-and-Publications>