

Maryland Department of Health and Mental Hygiene
Prevention and Health Promotion Administration
Infectious Disease Surveillance and Outbreak Response Bureau
Division of Infectious Disease Surveillance

New/Updated 2015 National Case Definitions

Arboviral diseases, neuroinvasive and non-neuroinvasive

- Prior definition was from 2014
- Clinical Description for non-neuroinvasive disease has slight changes
- Clinical Criteria for both neuroinvasive and non-neuroinvasive disease has more detail
- Comment section in the 2014 definition has been dropped

Campylobacteriosis

- Prior Definition was from 2012. Former classifications were Confirmed, Probable and Suspect - that is changed to Confirmed and Probable only. Probable cases can be clinical (symptomatic and epi-linked) or lab-based (culture-independent diagnostic test [CIDT])
- Background section added
- Clinical criteria section has more detail and includes extra-intestinal infection
- Laboratory criteria for Diagnosis: former definition had positive result on a CIDT as Suspect - that is now Probable
- An Epidemiologic Linkage section is added - these are Probable cases
- Another new section is "Criteria to Distinguish a New Case from an Existing Case"
- Comments section is changed - it discusses CIDTs and "best practice" as recording the laboratory and test kit identities and obtaining confirmation by culture when possible.

Congenital Syphilis

- Prior definition was from 2014
- Expanded *Background* to include more detailed description of clinical presentation and transmission routes of syphilis
- Expanded *Laboratory Criteria for Diagnosis* section to include additional methods of demonstration of *Treponema pallidum*, including polymerase chain reaction and immunohistochemistry methods
- Added suggested parameters for abnormal CSF WBC and protein values in *Case Classification – Probable* section
- Deleted IgM antibody tests/IgM enzyme-linked immunosorbent assays from the *Case Classification – Probable* section criteria

Dengue virus infections

- Prior definition was from 2010
- Changed names of Subtypes from “Dengue Fever”, “Dengue Hemorrhagic Fever” and “Dengue Shock Syndrome” to “Dengue”, “Dengue-like illness” (pending OMB approval) and “Severe dengue”
- Added *Background, Clinical Criteria, Epidemiologic Linkage, Criteria to Distinguish a New Case from an Existing Case, and Endemicity* sections
- Added separate Clinical Description sub-sections for “Dengue-like illness” and “Severe dengue”
- Updated/expanded *Laboratory Criteria for Diagnosis* extensively to account for the new disease classifications
- Changed *Exposure* section slightly to specify “two weeks prior to onset of fever”
- Updated *Comment(s)* section to state that the screening projects identifying asymptomatic blood donors have ended, and that the “Asymptomatic Blood or Tissue Donor” reporting category will be deleted

Haemophilus influenzae, invasive disease

- Prior definition was from 1997
- Added *Background* and *Laboratory Criteria for Diagnosis* sections
- Expanded *Case Classification – Confirmed* section to add “Detection of *Haemophilus influenzae*-specific nucleic acid in a specimen obtained from a normally sterile body site...using a validated polymerase chain reaction (PCR) assay”
- Expanded *Case Classification Comment(s)* section to add “Isolates of *Haemophilus influenzae* are important for antimicrobial susceptibility testing”

Hantavirus infection, non-Hantavirus pulmonary syndrome

- Added to the list of National Notifiable Infectious Conditions (All Hantavirus infections have been reportable in Maryland since October 2001(laboratories) and October 2003 (health care providers).

Hantavirus Pulmonary Syndrome

- Prior definition was from 2010
- Added *Background* section
- Eliminated *Clinical Criteria* section
- Expanded *Clinical Description* section to include some information previously included in *Clinical Criteria* section
- Made minor clarifying changes to *Laboratory Criteria for Diagnosis* and *Case Classification* sections

Meningococcal disease (*Neisseria meningitidis*)

- Prior definition was from 2010
- Added *Background*, *Clinical Criteria* and *Laboratory Criteria for Diagnosis* sections
- Moved “Detection of *N. meningitidis*-specific nucleic acid in a specimen obtained from a normally sterile body site...using a validated polymerase chain reaction (PCR) assay” from *Case Classification - Probable* to *Case Classification - Confirmed*