### Meningococcal Disease

<table>
<thead>
<tr>
<th>Event Name:</th>
<th>NMEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Event Time Period:</td>
<td>60 days</td>
</tr>
</tbody>
</table>

#### Clinical Description (CDC 2005):

Meningococcal disease manifests most commonly as meningitis and/or meningococcemia that may progress rapidly to purpura fulminans, shock, and death. However, other manifestations might be observed.

#### CDC Event Classification (2005):

<table>
<thead>
<tr>
<th>Event Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Confirmed</strong></td>
<td>a clinically compatible case AND laboratory confirmation from a normally sterile site or skin scrapings of purpuric lesions</td>
</tr>
<tr>
<td><strong>Probable</strong></td>
<td>a clinically compatible case that has either: evidence of <em>Neisseria meningitidis</em> using a validated polymerase chain reaction, obtained from a normally sterile site OR evidence of <em>N. meningitidis</em> antigen by immunohistochemistry on formalin-fixed tissue or latex agglutination of CSF</td>
</tr>
<tr>
<td><strong>Suspect</strong></td>
<td>Clinical purpura fulminans in the absence of a positive blood culture or clinically compatible case with gram negative diplococci from a normally sterile site</td>
</tr>
</tbody>
</table>

#### Massachusetts Event Classification:

*Follows CDC event classification*
### MENINGOCOCCAL DISEASE (continued)

<table>
<thead>
<tr>
<th>Report Type</th>
<th>Test Type</th>
<th>Source</th>
<th>Result</th>
<th>New event or beyond report period?</th>
<th>Data Entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory report <strong>OR</strong> Boston Reporting Card</td>
<td>Culture</td>
<td>Sterile site: CSF, Blood, Joint, Pleural or Pericardial fluid</td>
<td><em>Neisseria meningitidis</em></td>
<td>Yes</td>
<td>New event CONFIRMED</td>
</tr>
<tr>
<td><strong>Select (no subtype specified):</strong></td>
<td>Microorganism : PrId : Pt : xxx : Nom : Culture</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Select (sub-typing specified):</strong></td>
<td>Microorganism : PrId : Pt : Islt : Nom : Bacterial subtyping</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory report <strong>OR</strong> Boston Reporting Card</td>
<td>Stain</td>
<td>Sterile site: CSF, Blood, Joint, Pleural or Pericardial fluid</td>
<td><em>Neisseria meningitidis</em> or gram negative cocci</td>
<td>Yes</td>
<td>New event CONFIRMED</td>
</tr>
<tr>
<td><strong>Select:</strong></td>
<td>Microorganism : PrId : Pt : xxx : Nom : xxx stain</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Select when type not listed:</strong></td>
<td>Neisseria meningitidis Ag : Acnc : Pt : xxx : Ord :</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Select when A+Y specified:</strong></td>
<td>Neisseria meningitidis A+Y Ag: ACnc: Pt: Ord: XXX:</td>
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<td></td>
</tr>
<tr>
<td><strong>Select when A+C+w135+Y specified</strong></td>
<td>Neisseria meningitidis A+C+w135+Y Ag ACnc: Pt: XXX: Ord LA</td>
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<tr>
<td><strong>Select when w135 specified</strong></td>
<td>Neisseria meningitidis w135 Ag: ACnc: Pt: Ord: xxx: LA</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory report <strong>OR</strong> Boston Reporting Card</td>
<td>PCR</td>
<td>Sterile site: CSF, Blood, Joint, Pleural or Pericardial fluid</td>
<td><em>Neisseria meningitidis</em></td>
<td>Yes</td>
<td>New event PROBABLE</td>
</tr>
<tr>
<td><strong>Select:</strong></td>
<td>Neisseria meningitidis rRNA : ACnc : Pt : CSF : Ord : Probe</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory report <strong>OR</strong> Boston Reporting Card</td>
<td>IHC</td>
<td>Tissue</td>
<td><em>Neisseria meningitidis</em></td>
<td>Yes</td>
<td>New event CONFIRMED</td>
</tr>
<tr>
<td><strong>Select:</strong></td>
<td>Neisseria meningitidis Ag: ACnc: Pt: Ord:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Select:</strong></td>
<td>Neisseria meningitidis rRNA : ACnc : Pt : CSF : Ord : Probe</td>
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MDPH Case Classification Manual
Meningococcal disease

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Last modified: 7.30.2013