**Salmonella Typhi Infection**

Merlin disease code=00200  
Case report form (CRF): *Typhoid and Paratyphoid Fever Surveillance Report*  
MERLIN EXTENDED DATA REQUIRED

### Background
An infection caused by *Salmonella* serotype Typhi that is often characterized by insidious onset of sustained fever, headache, malaise, anorexia, relative bradycardia, constipation or diarrhea, and nonproductive cough; however, mild and atypical infections may occur. Carriage of *S. Typhi* may be prolonged.

### Clinical criteria for case classification
One or more of the following:
- Fever,
- Or diarrhea,
- Or abdominal cramps,
- Or constipation,
- Or anorexia,
- Or relative bradycardia.

### Laboratory criteria for case classification
**Confirmatory:**
Isolation of *S. Typhi* from a clinical specimen.

**Presumptive:**
Detection of *S. Typhi* in a clinical specimen using a culture-independent diagnostic test.

**Supportive:**
Detection of antibodies to *S. Typhi* in a clinical specimen using a serologic test.

### Epidemiological criteria for case classification
Either of the following:
- A person who is epidemiologically linked to a confirmed *Salmonella Typhi* infection case
- Or a person who is epidemiologically linked to a probable *Salmonella Typhi* infection case with laboratory evidence.

### Case classification
**Confirmed:**
A person with confirmatory laboratory evidence.

**Probable:**
One of the following:
- A clinically compatible illness in a person with presumptive laboratory evidence
- Or a clinically compatible illness in a person with epidemiological criteria.

**Suspect:**
A person with supportive laboratory evidence.
Criteria to distinguish a new case from previous reports
A new case should be created when a positive laboratory result is received more than 365 days after the most recent positive laboratory result associated with a previously reported case in the same person.

Comments
Infection with *S. Typhi* should only be reported as *Salmonella Typhi* infection (Merlin disease code=00200) and not as salmonellosis (Merlin disease code=00300) or *Salmonella Paratyphi* infection (Merlin disease code=00210).

.setSelectionRange(120,175) Isolates or specimens from all confirmed and probable cases must be sent to the Bureau of Public Health Laboratories in Jacksonville (BPHL-Jacksonville) for confirmation. Serum specimens from suspect cases should not be forwarded to BPHL-Jacksonville.

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