

Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: Typhoid Fever

Revised March 2017

Typhoid Fever

1.0 Provincial Reporting

Confirmed and probable cases of disease

2.0 Type of Surveillance

Case-by-case

3.0 Case Classification:

3.1 Confirmed Case

Laboratory confirmation of infection with or without clinically compatible signs and symptoms:

- Isolation of *Salmonella* Typhi from an appropriate clinical specimen (e.g., sterile site, stool, urine, bone marrow)

3.2 Probable Case

- Clinically compatible signs and symptoms in a person with an epidemiologic link to a laboratory-confirmed case

OR

- Positive Nucleic Acid Amplification Test (NAAT) for *Salmonella* Typhi without culture confirmation

4.0 Laboratory Evidence

4.1 Laboratory Confirmation

The following will constitute a confirmed case of typhoid fever:

- Positive *S. Typhi* culture

4.2 Approved/Validated Tests

- Standard culture for *S. Typhi*
- Serotyping for O, H and Vi antigens
- NAAT for *S. Typhi*

4.3 Indications and Limitations

Further strain typing (e.g. serotype, phage typing, PFGE) is conducted, as appropriate, and may be used to support linkage of cases.

5.0 Clinical Evidence

Clinically compatible signs and symptoms are characterized by insidious onset of sustained fever, headache, malaise, anorexia, relative bradycardia, constipation, or diarrhea.

6.0 ICD Code (s)

ICD 10 Code A01.0

7.0 Comments

N/A

8.0 Sources

Advisory Committee on Epidemiology; Health Canada. Case definitions for diseases under national surveillance. Can Commun Dis Rep. 2000;26 Suppl 3:i-iv, 1-122.

Available from:

<http://www.phac-aspc.gc.ca/publicat/ccdr-rmtc/09vol35/35s2/index-eng.php>

Heymann DL, editor. Control of communicable diseases manual. 20th ed. Washington, DC: American Public Health Association; 2015.

9.0 Document History

Table 1: History of Revisions

Revision Date	Document Section	Description of Revisions
March 2017	General	New Template
March 2017	8.0 Sources	Updated
March 2017	9.0 Document History	Updated

