Appendix B: Provincial Case Definitions for Diseases of Public Health Significance

Disease: Salmonellosis

Effective: February 2019
Salmonellosis

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* spp. by culture (excluding *Salmonella* Typhi or Paratyphi) from an appropriate clinical specimen (e.g., sterile site, blood, stool, urine)

3.2 Probable Case

- Clinically compatible signs and symptoms in a person with an epidemiologic link to a laboratory-confirmed case
- OR
- Positive/detection of *Salmonella* spp. by a nucleic acid amplification test (NAAT)

4.0 Laboratory Evidence

4.1 Laboratory Confirmation
- Positive *Salmonella* spp. culture

4.2 Approved/Validated Tests

- Standard culture for *Salmonella* spp. including serotyping
- Nucleic acid amplification test (NAAT) (which includes polymerase chain (PCR) and multiplex molecular tests) for *Salmonella* spp.

4.3 Indications and Limitations
Further strain typing (e.g.: serotype, phage typing, PFGE typing) 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 headache, diarrhea, abdominal pain, nausea, fever and sometimes vomiting. Asymptomatic infections may occur, and the organism may cause extra-intestinal infections.
6.0 ICD 10 Code(s)
A02.0 Salmonella enteritis (Salmonellosis)
A02.1 Salmonella septicaemia
A02.2 Localized salmonella infections
A02.8 Other specified salmonella infections
A02.9 Salmonella infection, unspecified

7.0 Sources
Acha P, Szyfres B. Zoonoses and Communicable Diseases Common to Man and 
D.C: American Public Health Association; 2015.
Public Health Agency of Canada. Salmonellosis. In: Case Definitions for Communicable 
2009;35S2.

8.0 Document History

Table 1: History of Revisions

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>Document Section</th>
<th>Description of Revisions</th>
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</thead>
<tbody>
<tr>
<td>December 2014</td>
<td>General</td>
<td>New template.</td>
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<tr>
<td></td>
<td></td>
<td>Title of Section 8.0 changed from “References” to “Sources”.</td>
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<tr>
<td></td>
<td></td>
<td>Section 9.0 Document History added.</td>
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<tr>
<td>December 2014</td>
<td>3.2 Probable Case</td>
<td>Addition of “OR Positive Nucleic Acid Amplification Test (NAAT) for Salmonella spp. without culture confirmation.”</td>
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<tr>
<td>December 2014</td>
<td>4.2 Approved/Validated Tests</td>
<td>Addition of new second bullet, “NAAT for Salmonella spp.”</td>
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<td>Previous second bullet moved to third bullet.</td>
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<tr>
<td>December 2014</td>
<td>4.3 Indications and Limitation</td>
<td>Removed bullet.</td>
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<td></td>
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<td>New sentence added, “Further strain typing (e.g.: serotype, phage typing, PFGE) is conducted, as appropriate, and may be used to support linkage of cases.”</td>
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<tr>
<td>February 2019</td>
<td>General</td>
<td>Minor revisions were made to support the regulation change to Diseases of Public Health Significance.</td>
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