

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 Animals. Vol. 1. 3 ed. Washington, DC: Pan American Health Organization; 2001.

Heymann DL, editor. Control of Communicable Diseases Manual. 20 ed. Washington, D.C: American Public Health Association; 2015.

Public Health Agency of Canada. Salmonellosis. In: Case Definitions for Communicable Diseases under National Surveillance. Canada Communicable Disease Report. 2009;35S2.

8.0 Document History

Table 1: History of Revisions

Revision Date	Document Section	Description of Revisions
December 2014	General	New template. Title of Section 8.0 changed from “References” to “Sources”. Section 9.0 Document History added.
December 2014	3.2 Probable Case	Addition of “OR Positive Nucleic Acid Amplication Test (NAAT) for Salmonella spp. without culture confirmation.”
December 2014	4.2 Approved/Validated Tests	Addition of new second bullet, “NAAT for Salmonella spp.” Previous second bullet moved to third bullet.
December 2014	4.3 Indications and Limitation	Removed bullet. 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.”

Revision Date	Document Section	Description of Revisions
February 2019	General	Minor revisions were made to support the regulation change to Diseases of Public Health Significance.

