

Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: Shigellosis

Shigellosis

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 *Shigella* spp. from an appropriate clinical specimen (e.g., stool, urine)

3.2 Probable Case

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

4.0 Laboratory Evidence

4.1 Laboratory Confirmation

The following will constitute a confirmed case of Shigellosis:

- Positive *Shigella* spp. culture

4.2 Approved/Validated Tests

- Standard culture for *Shigella* spp.
- Serotyping of O antigen

4.3 Indications and Limitations

- Further strain characterization, including drug resistance testing, is indicated for epidemiological public health and control purposes

5.0 Clinical Evidence

Clinically compatible signs and symptoms are characterized by diarrhea, fever, nausea, vomiting, cramps, and tenesmus. Asymptomatic infections may occur.

6.0 ICD Code(s)

6.1 ICD-10 Code(s)

A03 Shigellosis

A03.0 Shigellosis due to *Shigella dysenteriae* (Group A shigellosis)

A03.1 Shigellosis due to *Shigella flexneri* (Group B shigellosis)

A03.2 Shigellosis due to *Shigella boydii* (Group C shigellosis)

A03.3 Shigellosis due to *Shigella sonnei* (Group D shigellosis)

A03.8 Other shigellosis

A03.9 Shigellosis, unspecified (Bacillary dysentery NOS)

6.2 ICD-9/ICD-9CM Code(s)

004 Shigellosis (includes bacillary dysentery)

004.0 *Shigella dysenteriae*

Infection by group A Shigella (Schmitz) (Shiga)

004.1 *Shigella flexneri*

Infection by group B Shigella

004.2 *Shigella boydii*

Infection by group C Shigella

004.3 *Shigella sonnei*

Infection by group D Shigella

004.8 Other specified shigella infections

004.9 Shigellosis, unspecified

7.0 Comments

N/A

8.0 References

- Heymann D, editor. Control of communicable diseases manual. 18th ed. Washington: American Public Health Association; 2004.
- Ministry of Health and Long-Term Care, Public Health Division. iPHIS manual. Toronto, ON: Queen's Printer for Ontario; 2005.
- Nationally Notifiable Diseases Case Definitions with Canadian Public Health Laboratory Network (CPHLN) and Epidemiologic Group Draft Edits. March 2007. Based on case definitions as written in the: 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/00pdf/cdr26s3e.pdf>.

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