

SALMONELLOSIS
Last revised June 1, 2011

I. IDENTIFICATION

- A. Clinical description: An infection of variable severity commonly manifested by diarrhea, abdominal pain, nausea, fever, and sometimes vomiting. Asymptomatic infections may occur and the organism may cause extra-intestinal infections. All *Salmonellosis* infections are reportable regardless of specimen source.
- B. Reporting criteria: Laboratory confirmation.
- C. Laboratory criteria for confirmation: Isolation of *Salmonella* from a clinical specimen.
- D. Wisconsin case definition: A laboratory confirmed case.

II. ACTIONS REQUIRED / PREVENTION MEASURES

- A. WISCONSIN DISEASE SURVEILLANCE CATEGORY II:
Report to the patient's local health department either electronically through the Wisconsin Electronic Disease Surveillance System (WEDSS), by mail or fax using an Acute and Communicable Disease Case Report ([F-44151](#)), or by other means within 72 hours upon recognition of a case or suspected case.
- B. EPIDEMIOLOGY REPORTS REQUIRED:
 - *Electronically* - Report through WEDSS, including appropriate disease-specific sections
 - OR
 - *Paper Copy* - Acute and Communicable Diseases Case Report ([F-44151](#)) along with:
 - [Routine Enteric Follow-up Worksheet](#)
- C. PUBLIC HEALTH INTERVENTIONS:
In accordance with Wisconsin Administrative rule DHS 145.05, local public health should follow the methods of control recommended in the current edition of *Control of Communicable Diseases Manual*, edited by David L. Heymann, published by the American Public Health Association.
 - Educate public about proper hand washing after using the toilet or handling contaminated clothing or linens, before cooking, or associating with high-risk individuals.
 - Assess patient's activities for high-risk settings.
 - Exclude symptomatic individuals from high-risk settings.
 - Exclude symptomatic patients from food handling, generally until asymptomatic for 24 hours. The LHD can require two negative stool cultures taken at least 24 hours apart if they deem the patient's personal hygiene to be inadequate.
 - Source investigation by Local Health Department
 - Determine if case is potentially outbreak-related and notify DPH Regional Office or BCDER

III. CONTACTS FOR CONSULTATION

- A. LOCAL HEALTH DEPARTMENT – REGIONAL OFFICES – TRIBAL AGENCIES:
<http://www.dhs.wisconsin.gov/localhealth/index.htm>
- B. BCDER / COMMUNICABLE DISEASE EPIDEMIOLOGY SECTION: (608) 267-9003
- C. WISCONSIN STATE LABORATORY OF HYGIENE / BACTERIOLOGY: (608) 263-3421

IV. RELATED REFERENCES

- Heymann DL, ed. Salmonellosis. In: *Control of Communicable Diseases Manual*. 19th ed. Washington, DC: American Public Health Association, 2008: 534-540
- Pickering LK, ed. Salmonella Infections. In: *Red Book: 2009 Report of the Committee on Infectious Diseases*. 28th ed. Elk Grove Village, IL: American Academy of Pediatrics, 2009: 584-588