

# Bovine Salmonellosis

JUNE 2010

Cause	<i>Salmonella</i> spp. bacteria
Risk of Exposure in Illinois	High
Risk of Transmission to exposed people	Moderate
Mode of Transmission	Ingestion (fecal-oral); contaminated food and water; direct contact
Incubation Period	Human: 12 hours-3 days Animal: Highly variable; often symptoms do not appear until the animal is stressed; commonly 1-5 days
Clinical Signs-Human	Varies from self-limiting gastroenteritis to generalized illness; vomiting; watery diarrhea; low grade fever; abdominal pain
Clinical Signs-Animal	Diarrhea; dehydration and generalized illness which may lead to death; dairy cows-acute drop in milk yield; abortion and uterine infection with temporary infertility; asymptomatic infections common
Control and Prevention	Wash hands after contact with animal feces; wear protective clothing when working with diarrheic cattle; do not consume unpasteurized or raw dairy products; cook meat thoroughly.
Comments	Person to person transmission has been observed.
Additional Information	<a href="http://www.cdc.gov/salmonella/">http://www.cdc.gov/salmonella/</a> <a href="http://www.cfsph.iastate.edu/Factsheets/pdfs/nontyphoidal_salmonellosis.pdf">http://www.cfsph.iastate.edu/Factsheets/pdfs/nontyphoidal_salmonellosis.pdf</a>