

Reported Occupationally Acquired Infections Bovine (Cattle) Zoonoses

Disease	Causative Organism	Probable Means of Spread to Man	Prevention
Anthrax	<i>Bacillus anthracis</i>	Occupational exposure; occasionally wounds or insect bites; rarely airborne	If anthrax is suspected, do not necropsy the animal; avoid contact with the animal tissues, wear protective clothing and gloves; wash hands thoroughly; control dust in animal pens
Brucellosis	<i>Brucella spp.</i>	Cattle body fluids; occupational exposure	Wear protective clothing and gloves when handling blood, tissue, urine, and aborted fetuses; avoid contact through cuts or breaks in the skin.
Colibacillosis	<i>Escherichia coli</i>	Fecal contamination of food or water	Use good personal hygiene, sanitation and handwashing
Cow Pox Virus	<i>Cow Pox Virus</i>	Contact exposure	Good personal hygiene; handwashing should be accomplished after contact with infected animals
Cryptosporidiosis	<i>Cryptosporidium spp.</i>	Fecal contamination	Use care in handling animal feces, and animals with diarrhea
Dermatophytosis	<i>Ringworm fungal spp.</i>	Contact with animal hair and dander	Good hygienic practices, especially handwashing; clean and disinfect tools or instruments used on animals; practice good sanitation
Leptospirosis	<i>Leptospira spp.</i>	Occupational and recreational exposure to urine; waterborne	Use protective equipment (gloves), avoid skin or mucus membrane contact with urine, or moist soil or vegetation that may be contaminated with animal urine
Pasteurellosis	<i>Pasteurella spp.</i>	Wounds, scratches, bites	Promptly cleanse wounds; avoid animal bites and scratches
Salmonellosis	<i>Salmonella spp.</i>	Fecal contamination; occupational exposure	Good sanitation, along with good personal hygiene, avoiding stress, and using salmonella free feed, is very important; thoroughly wash hands after animal contact

Physical Hazards:

- **Includes animal induced injuries:**
 - **Kicked**
 - **Gored**
 - **Stepped On**
 - **Head Butted**
 - **Trampled**

- **Also may include equipment type injury:**
 - **Squeeze Chute**
 - **Other Farm Equipment.**