

Section 6: Communicable Diseases

Communicable or infectious diseases are illnesses that are contagious and meet the following four criteria: 1) presence of a susceptible host, 2) presence of a disease-producing agent, 3) a mode of transmission and 4) a mode of entry into a susceptible host. Communicable diseases are caused by a variety of agents including bacteria, viruses, and parasites. Transmission can occur directly from a person or animal to another, or indirectly through contaminated food, objects, or water. Specific examples of modes of transmission include physical contact with the body or blood of an infected person or animal, by droplets in the air, through sexual activity, and from ingesting contaminated food or water.

Communicable diseases cause a wide range of illnesses from mild colds and respiratory infections to severe illnesses that can result in death. The transmission of a majority of these diseases can be prevented by good hand hygiene, environmental sanitation, and through safe sexual practices or abstinence. In addition, safe food handling and storage and cooking foods to adequate temperatures can minimize the risk of illness.

6.1 All Reportable Diseases

- 6.1.1 Required Reporting
- 6.1.2 Reportable Communicable Diseases by Month, 2010
- 6.1.3 Reportable Communicable Diseases by Year, 2001 – 2010
- 6.1.4 Reportable Communicable Diseases by Month, 2011

6.2 HIV/AIDS

- 6.2.1 HIV/AIDS Surveillance
- 6.2.2 HIV Testing and Risk Behaviors
- 6.2.3 HIV Treatment Perceptions

6.3 Sexually Transmitted Infections

- 6.3.1 Chlamydia
- 6.3.2 Gonorrhea
- 6.3.3 Syphilis
- 6.3.4 Teens
- 6.3.5 Understanding STI Statistics
- 6.3.6 Risk Behaviors: Adults 18 Years and Older
- 6.3.7 Risk Behaviors: Youth

6.4 Influenza

- 6.4.1 Influenza Surveillance
- 6.4.2 Influenza Vaccinations

6.5 Foodborne Diseases

- 6.5.1 Total Foodborne Illness
- 6.5.2 Campylobacter
- 6.5.3 Escherichia Coli O157:H7
- 6.5.4 Giardiasis
- 6.5.5 Salmonellosis
- 6.5.6 Shigellosis

6.6 Vaccine-Preventable Diseases

- 6.6.1 Chickenpox (Varicella)
- 6.6.2 Pertussis (Whooping Cough)
- 6.6.3 Immunizations

6.7 Vectorborne Diseases

- 6.7.1 Lyme Disease
- 6.7.2 West Nile Virus

6.8 Viral Hepatitis

- 6.8.1 Hepatitis A
- 6.8.2 Hepatitis B
- 6.8.3 Hepatitis C

6.9 Meningitis

- 6.9.1 Aseptic Meningitis
- 6.9.2 Bacterial Meningitis

6.10 Tuberculosis

6.11 Special Reports

- 6.11.1 Pertussis Outbreak in Kalamazoo County, 2006