

Minnesota Reportable Diseases

Anaplasmosis: A tickborne disease caused by the bacterium *Anaplasma Phagocytophilum*. It was previously called human granulocytic ehrlichiosis. It is transmitted to humans by primarily the black-legged ticks (deer ticks).

Aseptic Meningitis: An illness characterized by headache, fever and inflammation of the lining of the brain. It is caused by a virus.

Babesiosis: Babesiosis is caused by microscopic parasites that infect the red blood cells. People get it from a deer tick during the young lymph stage of the tick, which is very small. Some people get it from a contaminated blood transfusion or from a pregnant woman to her baby during pregnancy or delivery.

Campylobacteriosis: It is an infectious disease caused by eating or handling contaminated food or drinking contaminated beverages. It is a bacteria.

Chlamydia: a sexually transmitted disease caused by a bacterium. It is the most frequently reported bacterial sexually reported disease reported in the United States.

Coccidiomycosis: It is a fungus found in dry, low rainfall areas, mainly in southwest US. It is also known as Valley Fever. It is a common cause of pneumonia in endemic areas.

Cryptosporidiosis: A microscopic parasite that causes the diarrheal disease and also called Crypto. Drinking water and recreational water is the most common method of transmission.

Giardiasis: Giardia is a microscopic parasite that causes the diarrheal illness. Giardia is found on surfaces or in soil, food, or water that has been contaminated with feces from infected humans or animals. Drinking water or recreational water are the most common methods of transmission.

Gonorrhea: a common sexually transmitted disease caused by the bacterium *Neisseria Gonorrhoeae*.

HIV Infection: The virus that causes AIDS

AIDS Cases: caused by the HIV virus

Lyme Disease: a tick borne disease caused by the bacteria *Borrelia Burgdorferi* and is transmitted by the black-legged tick (deer tick).

Powassan Virus: This virus is transmitted to people by the black-legged tick (deer tick) or the *Ixodes Cookei*, a related tick species also found in Minnesota. The POW virus infects the central nervous system and causes encephalitis (inflammation of the brain) and meningitis (inflammation of the membranes surrounding the brain and spinal cord). About 10% of infected people die from and many others have long term problems due to the disease.

Streptococcus Pneumoniae, invasive disease: causes many clinical syndromes depending on the site of infection (otitis media, pneumonia, bacteremia, meningitis).

Strep gr A, invasive disease: a bacterium often found in the throat and on the skin. Most group A strep infections are mild such as strep throat or impetigo. At times the bacteria gets into the lungs, blood or muscle and can cause life-threatening diseases. These infections are termed "invasive GAS disease". Two of the most severe, but least common are necrotizing fasciitis and streptococcal toxic shock syndrome.

Strep gr B, invasive disease: a bacterium that causes pneumonia and meningitis in older adults and neonates. It can cause neonatal sepsis and post-partum infection.

Reportable Diseases (2011)									
DISEASE	MINNESOTA	NE REGION	AITKIN	ITASCA	KOOCHICHING	CARLTON	COOK	LAKE	ST LOUIS
AMEBIASIS	85	1	0	0	0	0	0	0	1
ANAPLASMOSIS (Total for Ehrlichiosis, Human Granulocytic, Phagocytophilum, and undetermined)	782	106	26	33	1	21	0	2	23
ASEPTIC MENINGITIS (includes viral)	236	15	1	1	0	5	0	0	8
BABESIOSIS	72	6	1	1	0	1	0	0	3
BACTERIAL MENINGITIS (other)	17	1	0	1	0	0	0	0	0
BLASTOMYCOSIS	34	5	0	0	0	0	0	0	5
CAMPYLOBACTERIOSIS	1,002	45	3	2	0	6	1	5	28
CHLAMYDIA	16,898	845	13	78	19	88	7	13	627
COCCIDIOMYCOSIS	112	5	1	0	1	0	0	0	3
CRYPTOSPORIDIOSIS	309	35	4	10	1	6	0	0	14
DENGUE FEVER	6	0	0	0	0	0	0	0	0
ENCEPHALITIS, WEST NILE	1	0	0	0	0	0	0	0	0
EHRlichia MURIS-LIKE AGENT (EML)	13	0	0	0	0	0	0	0	0
GIARDIASIS	686	53	10	8	2	5	3	1	24
GONORRHEA	2,283	60	1	7	1	2	0	0	49
HAEMOPHILUS INFLUENZA, invasive disease	71	3	0	0	0	0	0	0	3
HEPATITIS A	27	4	0	1	0	1	0	0	2
HEPATITIS B (total)	20	0	0	0	0	0	0	0	0
HEPATITIS C	18	5	0	0	0	0	0	0	5
HIV INFECTION	292	3	1	0	0	0	0	0	2
AIDS cases	182	5	1	0	0	0	0	0	4
Antibody positive (non-AIDS)	219	2	0	0	0	0	0	0	2
KAWASAKI DISEASE	35	1	0	0	0	0	0	0	1
LEGIONELLOSIS	31	1	0	1	0	0	0	0	0
LISTERIOSIS	6	0	0	0	0	0	0	0	0
LYME DISEASE	1,201	119	7	21	0	26	1	0	64
MALARIA	47	0	0	0	0	0	0	0	0
MEASLES	26	0	0	0	0	0	0	0	0

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MUMPS	2	0	0	0	0	0	0	0	0
N. MENINGITIDIS, invasive disease	15	1	0	0	0	0	0	0	1
PERTUSSIS	662	41	0	2	0	1	6	1	31
POWASSAN VIRUS	11	2	1	1	0	0	0	0	0
Q FEVER	1	0	0	0	0	0	0	0	0
RABIES, ANIMAL-POSITIVE	55	0	0	0	0	0	0	0	0
ROCKY MTN. SPOTTED FEVER	11	0	0	0	0	0	0	0	0
S. PNEUMONIAE, invasive disease	582	49	5	13	0	3	1	1	26
SALMONELLOSIS (non Typhi)	701	24	0	2	0	5	1	1	15
SHIGA TOXIN PRODUCING E. coli (STEC)	248	5	0	0	0	0	0	1	4
SHIGELLOSIS	88	0	0	0	0	0	0	0	0
STREP gr A, invasive disease	231	23	1	4	2	0	0	0	16
STREP gr B, invasive disease	535	41	3	4	1	6	0	0	27
SYPHILIS (total)	366	6	0	2	0	1	0	0	3
TETANUS	1	1	0	0	0	0	0	0	1
TOXIC SHOCK SYNDROME	3								
TUBERCULOSIS	137	2	0	0	0	0	0	0	2
TYPHOID FEVER	3	0	0	0	0	0	0	0	0
VIBRIOSIS (total)	9	0	0	0	0	0	0	0	0
VISA	2								
WEST NILE FEVER	1	0	0	0	0	0	0	0	0
YERSINIOSIS	28	0	0	0	0	0	0	0	0
Total Number of Cases Reported	28,403	1,515	79	192	28	177	20	25	994