

Reportable Diseases – South Dakota

+Category I diseases: Report immediately on suspicion of disease

Category II diseases: Report within 3 days

**Effective Date:
1 January 2019**

★ Send isolate or specimen to South Dakota Public Health Laboratory

+Anthrax (*Bacillus anthracis* ★)

Anaplasmosis (*Anaplasma phagocytophilum*)

Arboviral encephalitis, meningitis and infection (West Nile, Zika, St. Louis, Eastern equine, Western equine, Chikungunya, California, Japanese, Powassan, LaCrosse, Colorado tick fever)

Babesiosis (*Babesia* spp)

+Botulism (*Clostridium botulinum*)

+Brucellosis (*Brucella* spp ★)

Campylobacteriosis (*Campylobacter* spp)

Carbon monoxide poisoning

Chancroid (*Haemophilus ducreyi*)

Chlamydia (*Chlamydia trachomatis*)

Cholera (*Vibrio cholerae*)

Coccidioidomycosis (*Coccidioides* spp)

+Coronavirus respiratory syndromes, such as MERS (Middle East respiratory syndrome) and SARS (Severe acute respiratory syndrome)

Cryptosporidiosis (*Cryptosporidium* spp)

Cyclosporiasis (*Cyclospora cayetanensis*)

Dengue viral infection (*Flavivirus*)

+Diphtheria (*Corynebacterium diphtheriae* ★)

Drug resistant organisms:

- Carbapenem-resistant

Enterobacteriaceae (CRE ★)

- **Candida auris** ★

- Methicillin-resistant **Staphylococcus aureus** (MRSA), invasive

- Vancomycin–intermediate & resistant

Staphylococcus aureus (VISA, VRSA) ★

+E. coli, shiga toxin-producing

(*Escherichia coli* ★), includes *E. coli* O157:H7, O26, O111, O103 and others

Ehrlichiosis (*Ehrlichia* spp)

Giardiasis (*Giardia lamblia* / *intestinalis*)

Gonorrhea (*Neisseria gonorrhoeae*)

Haemophilus influenzae ★, invasive disease

Hantavirus pulmonary syndrome or infection

Hemolytic uremic syndrome

Hepatitis, viral, acute A, B and C; chronic B and C; and perinatal B & C

Human immunodeficiency virus (HIV) infection, including:

- Stage III, Acquired immunodeficiency syndrome, (AIDS)
- CD4 counts in HIV infected persons
- HIV viral loads,
- pregnancy in HIV infected females,
- HIV gene sequencing
- HIV antiviral resistance,
- Confirmatory results, positive or negative, following a reactive HIV screening test

+Influenza, novel strains ★

Influenza: including:

- hospitalizations,
- deaths,
- lab confirmed cases (culture, DFA, PCR),
- weekly aggregate totals of rapid antigen positive (A and B) and total tested

Lead, elevated blood levels

Legionellosis (*Legionella* spp)

Leprosy / Hansen's disease (*Mycobacterium leprae*)

Leptospirosis (*Leptospira*)

Listeriosis (*Listeria monocytogenes* ★)

Lyme disease (*Borrelia burgdorferi*)

Malaria (*Plasmodium* spp)

+Measles / Rubeola (*Paramyxovirus*)

+Meningococcal disease, invasive (*Neisseria meningitidis* ★)

Mumps (*Paramyxovirus*)

Paratyphoid fever

Pertussis (*Bordetella pertussis*)

Pesticide-related illness and injury, acute

+Plague (*Yersinia pestis* ★)

+Poliomyelitis, paralytic and nonparalytic (*Poliovirus*)

Psittacosis (*Chlamydophila psittaci*)

Q fever (*Coxiella burnetii*)

+Rabies, human and animal (*Rhabdovirus*)

+Rubella and congenital rubella syndrome (*Togavirus*)

Salmonellosis (*Salmonella* spp ★)

Shigellosis (*Shigella* spp ★)

Silicosis

+Smallpox (*Variola* ★)

Spotted fever rickettsiosis (*Rickettsia*)

Streptococcus pneumoniae, invasive

Syphilis (*Treponema pallidum*) including primary, secondary, latent, early latent, late latent, neurosyphilis, late non-neurological, stillbirth, and congenital

Tetanus (*Clostridium tetani*)

Toxic shock syndrome (Streptococcal and non-Streptococcal)

Transmissible spongiform

encephalopathies, such as Creutzfeldt-Jakob disease

Trichinosis (*Trichinella spiralis*)

+Tuberculosis, active disease (*Mycobacterium tuberculosis* ★ or *Mycobacterium bovis* ★)

Tuberculosis, latent infection (only in certain high risk persons: foreign-born <5 yrs in US, close contacts, diabetes, renal dialysis, children <5 yrs, and certain medical conditions)

+Tularemia (*Francisella tularensis* ★)

Typhoid (*Salmonella typhi* ★)

Vaccine Adverse Events

Varicella / Chickenpox (*Herpesvirus*)

+Viral Hemorrhagic Fevers (Crimean-Congo Hemorrhagic Fever virus, Ebola virus, Lassa virus, Lujo virus, Marburg virus, New World Arenavirus – Guanarito virus, Junin virus, Machupo virus, Sabia virus)

Vibriosis (*Vibrionaceae*)

+Yellow fever (*Flavivirus*)

+Outbreaks of:

+Acute upper respiratory illness

+Diarrheal disease

+Foodborne disease

+Healthcare-associated infections

+Illnesses in child care setting

+Rash illness

+Waterborne disease

+Syndromes suggestive of bioterrorism and other public health threats

+Unexplained illnesses or deaths in human or animal

The South Dakota Department of Health is authorized by SDCL 34-22-12 and ARSD 44:20 to collect and process mandatory reports of diseases and conditions by physicians, hospitals, laboratories, and other institutions.

How to report:

Secure website: sd.gov/diseasereport

Telephone: 605-773-3737 or 800-592-1861 during business hours (or After Hours for emergency reporting of Category I diseases)

Fax: 605-773-5509

Mail or courier: Infectious Disease Surveillance, SD Department of Health, 615 East 4th Street, Pierre, SD 57501; mark "Confidential"

What to report: Reports must include as much of the following as known:

- Disease or condition
- Date of disease onset
- Relevant lab results and specimen collect date
- Case name, age, birth date, sex, race, address, occupation
- Attending physician's name, address, phone number
- Name and phone number of person making report

CANCER (SDCL 1-43-14) Report to SD Cancer Registry, call 800-592-1861



Confirmed & Probable Cases, South Dakota 2010–2019

(Calendar years)

Disease	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Babesiosis	0	0	0	1	1	0	0	0	0	0
Brucellosis	0	0	0	1	0	0	0	1	0	0
Campylobacteriosis	297	301	276	296	307	346	450	395	532	524
Carbapenem-resistant Enterobacteriaceae (CRE)	NR	NR	NR	12	3	37	58	64	53	40
Chlamydia	3187	3412	3925	3947	4129	3967	4338	4438	4441	4545
Coccidioidomycosis	NR	NR	NR	NR	NR	NR	5	6	3	8
Cryptosporidiosis	108	143	113	175	151	248	158	163	177	167
Cyclosporiasis	0	0	0	1	0	0	3	4	30	10
Dengue	1	0	2	3	0	2	2	0	1	1
Ehrlichiosis and Anaplasmosis	0	4	1	1	0	0	1	1	4	0
Giardiasis	102	110	144	111	131	129	117	104	114	92
Gonorrhea	467	602	707	789	880	1055	1271	1290	1694	2170
Hantavirus pulmonary syndrome	0	1	1	0	0	0	0	1	0	2
Hepatitis A	1	2	0	4	3	2	1	1	1	8
Hepatitis B, acute	2	2	2	5	3	2	2	2	1	5
Hepatitis B, chronic	51	51	51	80	58	52	60	52	46	37
Hepatitis C, acute	0	0	4	1	0	0	22	20	19	31
Hepatitis C, chronic	350	356	392	406	516	570	714	563	545	583
<i>Haemophilus influenzae</i> , invasive	NR	NR	NR	NR	NR	NR	20	21	30	30
HIV and AIDS	35	21	29	36	31	25	47	41	31	38
Legionellosis	9	2	9	8	9	10	9	15	33	23
Listeriosis	3	1	0	0	0	0	0	2	1	0
Lyme disease	1	4	4	4	2	5	11	12	7	10
Malaria	3	2	5	7	5	4	4	8	9	6
Measles	0	0	0	0	8	2	0	0	0	0
Meningococcal disease	0	3	0	4	2	1	1	0	0	0
Mumps	2	0	0	0	0	0	2	0	0	12
Pertussis (Whooping cough)	32	37	71	67	109	16	15	9	163	147
Q fever	4	1	2	4	5	5	4	5	12	11
Rabies, animal	32	40	60	28	21	29	27	22	15	16
Salmonellosis	186	162	170	183	164	230	305	226	227	166
Shiga toxin-producing <i>E. coli</i>	35	41	48	42	41	62	84	91	204	136
Shigellosis	7	6	11	190	616	285	28	29	26	9
Spotted fever rickettsiosis	0	1	1	7	3	2	6	13	14	10
<i>Staph. aureus</i> methicillin-resistant (MRSA), invasive	98	91	89	94	124	159	144	115	173	156
<i>Strep. pneumoniae</i> , invasive	NR	42	97	99	88	110	129	135	106	101
Syphilis (primary, secondary and non-primary/secondary)	4	0	21	49	76	48	41	52	50	56
Syphilis, congenital	0	0	0	0	3	0	2	3	1	3
Toxic shock syndrome	0	0	0	0	0	3	1	0	1	0
Tuberculosis	15	15	19	9	8	17	12	14	12	16
Tularemia	11	8	5	7	5	25	14	13	9	17
Typhoid fever	1	0	0	3	0	1	2	0	0	0
Varicella (chicken pox)	62	67	32	43	23	27	32	24	31	26
West Nile fever	16	2	141	92	45	29	117	47	122	11
West Nile neuroinvasive	4	0	62	57	12	11	35	26	47	0
Vibriosis	NR	NR	NR	NR	NR	NR	5	12	9	3

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Mission: Working together to promote, protect, and improve health.