### Reportable Diseases – South Dakota

**Category I diseases: Report immediately on suspicion of disease**

- **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)*
- **Cryptosporidiosis** *(Cryptosporidium spp)*
- **Cyclosporiasis** *(Cyclospora cayetanensis)*
- **Dengue viral infection** *(Flavivirus)*
- **Diptheria** *(Corynebacterium diphtheriae)*

**Drug resistant organisms:**
- Carbapenem-resistant **Enterobacteriaceae** *(CRE)*
- ***Candida auris***
- Methicillin-resistant **Staphylococcus aureus** *(MRSA)*
- 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 lambia / intestinalis)*
- **Gonorrhea** *(Neisseria gonorrhoeae)*

**Haemophilus influenzae**, invasive disease

**Hantavirus pulmonary syndrome or infection**

**Hemolytic uraemic syndrome**
- **Hepatitis, viral, acute A, B and C; chronic B and C; and perinatal B & C**

**Human immunodeficiency virus (HIV)**
- **infection:** Stage III, Acquired immunodeficiency syndrome, (AIDS)
- CD4 counts in HIV infected persons
- HIV viral loads,
- pregnancy in HIV infected females,
- HIV gene sequencing
- **infectious:** 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)*
- **Non-invasive**
- **Invasive** *(Niesseria meningitidis)*

**Lyme disease** *(Borellia burgdorferi)*

**Malaria** *(Plasmodium spp)*
- **Malaria** *(Plasmodium vivax)*

**Measles** *(Rubella (Parvovirus))*
- **Meningococcal disease, invasive** *(Neisseria meningitidis)*

**Mumps** *(Parvovirus)*

**Paratyphoid fever**

**Pertussis** *(Bordetella pertussis)*

**Pesticide** *(Vibrio parahaemolyticus)*

**Pseudomonas aeruginosa** *(VIA, VISA)*

**Plague** *(Yersinia pestis)*

**Poliomyelitis, paralytic and nonparalytic** *(Poliovirus)*

**Psittacosis** *(Chlamydophila psittaci)*

**Q fever** *(Coxiella burnetii)*

**Rubella and congenital rubella syndrome** *(Toxoplasma)*

**Salmonellosis** *(Salmonella spp)*

**Shigellosis** *(Shigella spp)*

**Silicosis**

**Smallpox** *(Vaniola)*

**Spotted fever rickettsiosis** *(Rickettsia)*
- **Streptococcus pneumoniae**, invasive
- **Syphilis** *(Treponema pallidum)*
  - 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* & *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)*

**Tularaemia** *(Francisella tularensis)*
- **Typhoid** *(Salmonella typh)*
- **Vaccine Adverse Events**
- **Varicella / Chickenpox** *(Herpesviruses)*

**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)*

**Vibrio** *(Vibrioaceae)*
- **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](http://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 collection 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

**Effective Date:** 1 January 2019
## Confirmed & Probable Cases, South Dakota 2010–2019

(Calendar years)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Babesiosis</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Brucellosis</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Campylobacteriosis</td>
<td></td>
<td>297</td>
<td>301</td>
<td>276</td>
<td>296</td>
<td>307</td>
<td>346</td>
<td>450</td>
<td>395</td>
<td>532</td>
<td>524</td>
</tr>
<tr>
<td>Carbenenem-resistant Enterobacteriaceae (CRE)</td>
<td></td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>12</td>
<td>3</td>
<td>37</td>
<td>58</td>
<td>64</td>
<td>53</td>
<td>40</td>
</tr>
<tr>
<td>Coccidioidomycosis</td>
<td></td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cryptosporidiosis</td>
<td></td>
<td>108</td>
<td>143</td>
<td>113</td>
<td>175</td>
<td>151</td>
<td>248</td>
<td>158</td>
<td>163</td>
<td>177</td>
<td>167</td>
</tr>
<tr>
<td>Cyclosporiasis</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>4</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>Dengue</td>
<td></td>
<td>1</td>
<td>0</td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Ehrlichiosis and Anaplasmosis</td>
<td></td>
<td>0</td>
<td>4</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Giardiasis</td>
<td></td>
<td>102</td>
<td>110</td>
<td>144</td>
<td>111</td>
<td>131</td>
<td>129</td>
<td>117</td>
<td>104</td>
<td>114</td>
<td>92</td>
</tr>
<tr>
<td>Haemophilus influenzae, invasive</td>
<td></td>
<td>467</td>
<td>602</td>
<td>707</td>
<td>789</td>
<td>880</td>
<td>1055</td>
<td>1271</td>
<td>1290</td>
<td>1694</td>
<td>2170</td>
</tr>
<tr>
<td>Hantavirus pulmonary syndrome</td>
<td></td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hepatitis A</td>
<td></td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Hepatitis B, acute</td>
<td></td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Hepatitis B, chronic</td>
<td></td>
<td>51</td>
<td>51</td>
<td>51</td>
<td>80</td>
<td>58</td>
<td>52</td>
<td>60</td>
<td>52</td>
<td>46</td>
<td>37</td>
</tr>
<tr>
<td>Hepatitis C, acute</td>
<td></td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>22</td>
<td>20</td>
<td>19</td>
<td>31</td>
</tr>
<tr>
<td>Hepatitis C, chronic</td>
<td></td>
<td>350</td>
<td>356</td>
<td>392</td>
<td>406</td>
<td>516</td>
<td>570</td>
<td>714</td>
<td>563</td>
<td>545</td>
<td>583</td>
</tr>
<tr>
<td>Haemophilus influenzae, invasive</td>
<td></td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>20</td>
<td>21</td>
<td>30</td>
</tr>
<tr>
<td>HIV and AIDS</td>
<td></td>
<td>35</td>
<td>21</td>
<td>29</td>
<td>36</td>
<td>31</td>
<td>25</td>
<td>47</td>
<td>41</td>
<td>31</td>
<td>38</td>
</tr>
<tr>
<td>Legionellosis</td>
<td></td>
<td>9</td>
<td>2</td>
<td>9</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>9</td>
<td>15</td>
<td>33</td>
<td>33</td>
</tr>
<tr>
<td>Listeriosis</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lyme disease</td>
<td></td>
<td>1</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>11</td>
<td>12</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>Malaria</td>
<td></td>
<td>3</td>
<td>2</td>
<td>5</td>
<td>7</td>
<td>5</td>
<td>4</td>
<td>4</td>
<td>8</td>
<td>9</td>
<td>6</td>
</tr>
<tr>
<td>Measles</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>8</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Meningococcal disease</td>
<td></td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mumps</td>
<td></td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>Pertussis (Whooping cough)</td>
<td></td>
<td>12</td>
<td>2</td>
<td>7</td>
<td>0</td>
<td>6</td>
<td>10</td>
<td>6</td>
<td>15</td>
<td>9</td>
<td>163</td>
</tr>
<tr>
<td>Q fever</td>
<td></td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>4</td>
<td>3</td>
<td>11</td>
</tr>
<tr>
<td>Rabies, animal</td>
<td></td>
<td>32</td>
<td>40</td>
<td>60</td>
<td>28</td>
<td>21</td>
<td>29</td>
<td>27</td>
<td>22</td>
<td>15</td>
<td>10</td>
</tr>
<tr>
<td>Salmonellosis</td>
<td></td>
<td>186</td>
<td>162</td>
<td>170</td>
<td>183</td>
<td>164</td>
<td>230</td>
<td>305</td>
<td>226</td>
<td>227</td>
<td>166</td>
</tr>
<tr>
<td>Shigella</td>
<td></td>
<td>35</td>
<td>41</td>
<td>48</td>
<td>42</td>
<td>41</td>
<td>62</td>
<td>84</td>
<td>91</td>
<td>204</td>
<td>136</td>
</tr>
<tr>
<td>Shigellosis</td>
<td></td>
<td>7</td>
<td>6</td>
<td>11</td>
<td>190</td>
<td>616</td>
<td>285</td>
<td>28</td>
<td>29</td>
<td>26</td>
<td>9</td>
</tr>
<tr>
<td>Spotted fever rickettsiosis</td>
<td></td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>7</td>
<td>3</td>
<td>2</td>
<td>6</td>
<td>13</td>
<td>14</td>
<td>10</td>
</tr>
<tr>
<td>Staph. aureus methicillin-resistant (MRSA), invasive</td>
<td></td>
<td>98</td>
<td>91</td>
<td>89</td>
<td>94</td>
<td>124</td>
<td>159</td>
<td>144</td>
<td>115</td>
<td>173</td>
<td>156</td>
</tr>
<tr>
<td>Streptococcus pneumoniae, invasive</td>
<td></td>
<td>NR</td>
<td>NR</td>
<td>97</td>
<td>99</td>
<td>88</td>
<td>110</td>
<td>129</td>
<td>135</td>
<td>106</td>
<td>101</td>
</tr>
<tr>
<td>Syphilis (primary, secondary and non-primary/secondary)</td>
<td></td>
<td>4</td>
<td>0</td>
<td>21</td>
<td>49</td>
<td>76</td>
<td>48</td>
<td>41</td>
<td>52</td>
<td>50</td>
<td>56</td>
</tr>
<tr>
<td>Syphilis, congenital</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Syphilis, congenital</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Typhoid fever</td>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Varicella (chicken pox)</td>
<td></td>
<td>13</td>
<td>17</td>
<td>21</td>
<td>24</td>
<td>23</td>
<td>27</td>
<td>22</td>
<td>24</td>
<td>21</td>
<td>26</td>
</tr>
<tr>
<td>West Nile fever</td>
<td></td>
<td>16</td>
<td>21</td>
<td>141</td>
<td>32</td>
<td>45</td>
<td>29</td>
<td>172</td>
<td>27</td>
<td>12</td>
<td>11</td>
</tr>
<tr>
<td>West Nile neuroinvasive</td>
<td></td>
<td>4</td>
<td>0</td>
<td>62</td>
<td>57</td>
<td>12</td>
<td>21</td>
<td>35</td>
<td>26</td>
<td>47</td>
<td>0</td>
</tr>
</tbody>
</table>

### Telephone
605-773-3737 or 800-592-1861

South Dakota Department of Health: 615 East 4th Street, Pierre, SD 57501

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