

South Dakota's "County Nurse" Program Turns 100

This year marks the 100-year-anniversary of South Dakota's county nurse program, the precursor to today's community health nurses in the Department of Health's Child and Family Services offices and Public Health Alliance sites across the state. Approximately 100 nurses deliver services in 63 of the state's 66 counties. Find more details about county health nurses as well as other department history at <http://doh.sd.gov/news/>

100 years ago

- The 1917 South Dakota Legislature passed the "County Nurse" bill strongly influenced by Mrs. E.P. Wanzer, who is considered the "Mother of Public Health Nursing" in South Dakota.
- The first public health nurse in South Dakota was Mary G. Fraser, RN.

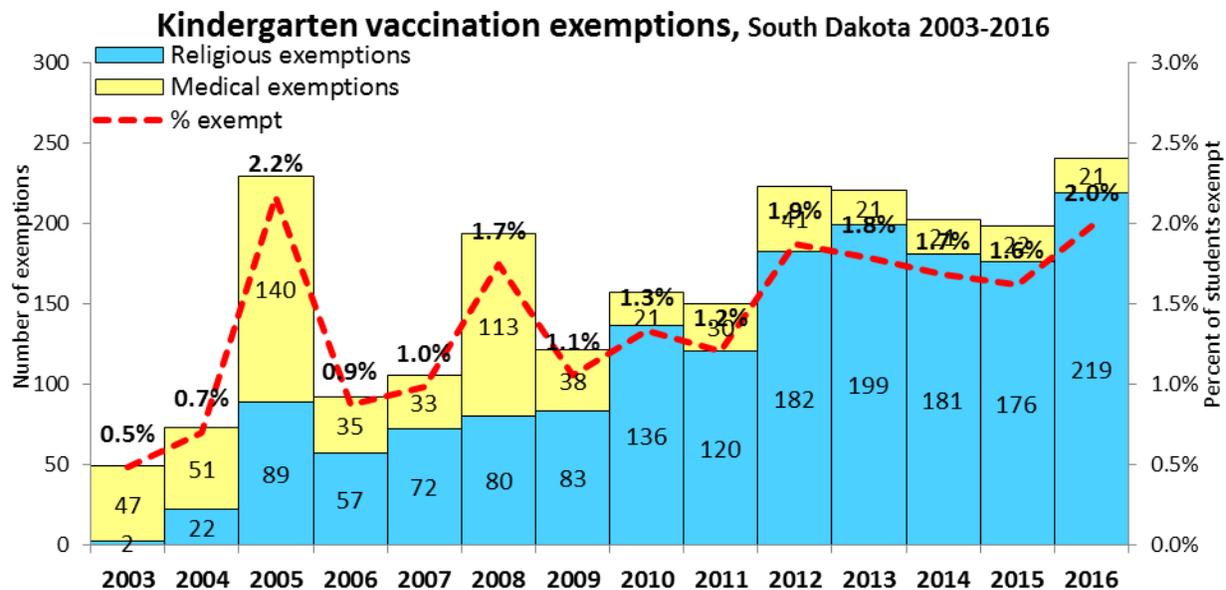


Source: South Dakota Celebrating 125 years of Health Pioneers and Milestones of the Department of Health 1889-2014.

Kindergarten Vaccination 2016-2017 School Year — Healthy Kids, Healthy Families, Healthy Schools, Healthy Communities, Healthy South Dakota

Places where children gather, like schools and child day cares, are ideal places for disease transmission. Diseases such as measles, whooping cough, chicken pox, mumps, polio, rubella, hepatitis A and diphtheria were once common childhood scourges in South Dakota. Today vaccines prevent these diseases and protect the public’s health.

For the 2016-2017 kindergarten class 381 South Dakota schools submitted vaccination audit data. Four percent of schools had <80% MMR (measles, mumps, rubella) coverage. Although this is down from 6% last year, this number is problematic considering the recent Minnesota measles outbreak. South Dakota’s overall coverage rate for MMR vaccine was 96.7%, the DTaP (diphtheria, tetanus, pertussis) coverage rate was 96.4%, and the varicella (chicken pox) coverage rate was 95.4% all excellent rates, all exceeding the 95% goal, and all above the national rates. CDC. Vaccination Coverage Among Children in Kindergarten – United States, 2015-16 school year. MMWR 65, 1067-1064.



| County | School Name | Students | 4-DTaP | 4-Polio | 2-MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|------------------------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Aurora | Corsica-Stickney Elementary | 22 | 100.0% | 100.0% | 100.0% | 100.0% | 95.5% | 90.9% | 0.0% |
| Aurora | Plankinton Elementary | 14 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Aurora | White Lake Elementary | 11 | 100.0% | 100.0% | 100.0% | 90.9% | 100.0% | 90.9% | 0.0% |
| Aurora County | Total County | 47 | 100.0% | 100.0% | 100.0% | 97.9% | 97.9% | 93.6% | 0.0% |
| Beadle | Buchanan K-1 Center | 242 | 93.8% | 93.8% | 93.8% | 93.0% | 96.7% | 90.5% | 0.0% |
| Beadle | Hitchcock-Tulare Elementary | 22 | 90.9% | 95.5% | 95.5% | 95.5% | 100.0% | 68.2% | 0.0% |
| Beadle | Huron Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Beadle | Juvenile Detention Center-88 | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Beadle | Riverside Colony Elementary | <10 | 66.7% | 100.0% | 100.0% | 66.7% | 100.0% | 33.3% | 0.0% |

| County | School Name | Stu- dents | 4-DTAp | 4-Polio | 2- MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Beadle | Wolsey-Wessington Elem | 33 | 93.9% | 90.9% | 93.9% | 93.9% | 97.0% | 87.9% | 0.0% |
| Beadle | Holy Trinity Catholic Elem | 15 | 100.0% | 100.0% | 100.0% | 93.3% | 100.0% | 93.3% | 0.0% |
| Beadle | James Valley Christian Elem | 22 | 77.3% | 72.7% | 81.8% | 77.3% | 90.9% | 86.4% | 4.5% |
| Beadle County | Total County | 339 | 92.6% | 92.6% | 93.5% | 92.0% | 96.8% | 88.2% | 0.3% |
| Bennett County | Total County | 43 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.7% | 0.0% |
| Bon Homme | Avon Elementary | 21 | 95.2% | 95.2% | 85.7% | 85.7% | 100.0% | 66.7% | 9.5% |
| Bon Homme | Hutterische Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Bon Homme | Scotland Elementary | 23 | 95.7% | 91.3% | 95.7% | 95.7% | 95.7% | 34.8% | 4.3% |
| Bon Homme | Springfield Elementary | 11 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 45.5% | 0.0% |
| Bon Homme | Tabor Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 66.7% | 0.0% |
| Bon Homme | Tyndall Elementary | 26 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 84.6% | 0.0% |
| Bon Homme County | Total County | 88 | 97.7% | 96.6% | 95.5% | 95.5% | 98.9% | 58.0% | 3.4% |
| Brookings | Dakota Prairie Elementary | 118 | 91.5% | 93.2% | 94.1% | 93.2% | 95.8% | 64.4% | 2.5% |
| Brookings | Deubrook Elementary | 18 | 100.0% | 100.0% | 100.0% | 100.0% | 94.4% | 38.9% | 0.0% |
| Brookings | Elkton Elementary | 24 | 95.8% | 95.8% | 91.7% | 91.7% | 91.7% | 54.2% | 4.2% |
| Brookings | Hillcrest Elementary | 74 | 94.6% | 95.9% | 93.2% | 90.5% | 91.9% | 62.2% | 5.4% |
| Brookings | Medary Elementary | 89 | 96.6% | 96.6% | 97.8% | 95.5% | 96.6% | 73.0% | 1.1% |
| Brookings | Newdale Colony Elementary | <10 | 20.0% | 0.0% | 40.0% | 0.0% | 40.0% | 0.0% | 60.0% |
| Brookings | Norfeld Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 66.7% | 100.0% | 33.3% | 0.0% |
| Brookings | Red Willow Colony School | <10 | 80.0% | 80.0% | 80.0% | 60.0% | 80.0% | 20.0% | 20.0% |
| Brookings | Rolland Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Brookings | Sioux Valley Elementary | 48 | 100.0% | 100.0% | 100.0% | 97.9% | 89.6% | 62.5% | 2.1% |
| Brookings | Volga Christian Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 66.7% | 0.0% |
| Brookings County | Total County | 391 | 94.1% | 94.6% | 94.9% | 92.3% | 93.4% | 62.1% | 3.6% |
| Brown | C.C. Lee Elementary | 64 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 54.7% | 0.0% |
| Brown | Frederick Elementary | 10 | 100.0% | 100.0% | 100.0% | 90.0% | 100.0% | 40.0% | 0.0% |
| Brown | Groton Area Elementary | 36 | 97.2% | 100.0% | 97.2% | 97.2% | 100.0% | 50.0% | 2.8% |
| Brown | Henry Elementary | 11 | 90.9% | 90.9% | 90.9% | 90.9% | 90.9% | 54.5% | 9.1% |
| Brown | Huttenville Colony | <10 | 50.0% | 100.0% | 100.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| Brown | Lincoln Elementary | 74 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 62.2% | 0.0% |
| Brown | May Overby Elementary | 77 | 98.7% | 98.7% | 100.0% | 100.0% | 98.7% | 64.9% | 0.0% |
| Brown | Mike Miller Elementary | 42 | 97.6% | 97.6% | 100.0% | 100.0% | 97.6% | 64.3% | 0.0% |
| Brown | O.M. Tiffany Elementary | 66 | 98.5% | 100.0% | 98.5% | 97.0% | 100.0% | 54.5% | 0.0% |
| Brown | Simmons Elementary | 71 | 100.0% | 100.0% | 98.6% | 97.2% | 98.6% | 66.2% | 0.0% |
| Brown | Warner Elementary | 24 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 54.2% | 0.0% |
| Brown | Aberdeen Christian Elementary | 13 | 92.3% | 76.9% | 76.9% | 76.9% | 92.3% | 30.8% | 23.1% |
| Brown | Huttenville Colony Elementary | <10 | 50.0% | 100.0% | 100.0% | 0.0% | 100.0% | 0.0% | 0.0% |
| Brown | Montessori School of Aberdeen | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 88.9% | 77.8% | 11.1% |
| Brown | Roncalli Elementary | 49 | 93.9% | 93.9% | 93.9% | 93.9% | 98.0% | 42.9% | 4.1% |
| Brown | Trinity Lutheran Elementary | 13 | 92.3% | 92.3% | 92.3% | 92.3% | 100.0% | 7.7% | 0.0% |
| Brown County | Total County | 563 | 97.9% | 98.2% | 98.0% | 96.8% | 98.8% | 56.0% | 1.4% |
| Brule | Chamberlain Elementary | 70 | 100.0% | 100.0% | 98.6% | 97.1% | 100.0% | 75.7% | 0.0% |
| Brule | Grass Ranch Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Brule | Kimball Elementary | 15 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 73.3% | 0.0% |
| Brule County | Total County | 87 | 100.0% | 100.0% | 98.9% | 97.7% | 100.0% | 73.6% | 0.0% |
| Butte | Newell Elementary | 16 | 100.0% | 100.0% | 100.0% | 100.0% | 87.5% | 87.5% | 0.0% |
| Butte | North Park Elementary | 125 | 93.6% | 93.6% | 94.4% | 94.4% | 93.6% | 90.4% | 4.8% |
| Butte County | Total County | 141 | 94.3% | 94.3% | 95.0% | 95.0% | 92.9% | 90.1% | 4.3% |
| Campbell | Herreid Elementary | 10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Campbell County | Total County | 10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Charles Mix | Andes Central Elementary | 21 | 100.0% | 100.0% | 100.0% | 95.2% | 100.0% | 100.0% | 0.0% |
| Charles Mix | Cedar Grove Colony Elem | <10 | 75.0% | 75.0% | 75.0% | 75.0% | 100.0% | 0.0% | 25.0% |
| Charles Mix | Lakeview Colony Elementary | 11 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 81.8% | 0.0% |
| Charles Mix | Marty Elementary | 10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 90.0% | 0.0% |
| Charles Mix | Platte - Geddes Elementary | 32 | 96.9% | 96.9% | 96.9% | 96.9% | 100.0% | 50.0% | 0.0% |
| Charles Mix | Platte Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Charles Mix | Wagner Primary | 85 | 96.5% | 96.5% | 97.6% | 96.5% | 97.6% | 96.5% | 2.4% |
| Charles Mix County | Total County | 169 | 96.4% | 96.4% | 97.0% | 95.9% | 98.8% | 81.1% | 2.4% |
| Clark | Clark Elementary | 20 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 45.0% | 5.0% |
| Clark | Collins Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |

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|--|--------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Clark | Fordham Colony Elementary | <10 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 100.0% |
| Clark | Hillcrest Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Clark | Mayfield Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Clark | Shamrock Colony Elementary | <10 | 75.0% | 75.0% | 75.0% | 75.0% | 75.0% | 25.0% | 25.0% |
| Clark | Silver Lake Colony | <10 | 66.7% | 66.7% | 66.7% | 66.7% | 100.0% | 33.3% | 33.3% |
| Clark | Willow Lake Elementary | 15 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 46.7% | 0.0% |
| Clark | Wilmot Elementary | 14 | 92.9% | 92.9% | 92.9% | 85.7% | 92.9% | 64.3% | 0.0% |
| Clark County | Total County | 71 | 88.7% | 88.7% | 88.7% | 87.3% | 90.1% | 46.5% | 11.3% |
| Clay | Austin Elementary | 82 | 98.8% | 97.6% | 98.8% | 98.8% | 98.8% | 84.1% | 0.0% |
| Clay | Irene-Wakonda Elementary | 22 | 95.5% | 95.5% | 95.5% | 95.5% | 95.5% | 59.1% | 0.0% |
| Clay | St. Agnes Elementary | 21 | 90.5% | 90.5% | 90.5% | 85.7% | 95.2% | 81.0% | 4.8% |
| Clay County | Total County | 125 | 96.8% | 96.0% | 96.8% | 96.0% | 97.6% | 79.2% | 0.8% |
| Codington | Florence Elementary | 24 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 16.7% | 0.0% |
| Codington | Jefferson Elementary | 65 | 100.0% | 100.0% | 100.0% | 98.5% | 100.0% | 47.7% | 1.5% |
| Codington | Lincoln Elementary | 62 | 100.0% | 100.0% | 100.0% | 100.0% | 96.8% | 30.6% | 1.6% |
| Codington | McKinley Elementary | 39 | 100.0% | 100.0% | 100.0% | 100.0% | 94.9% | 48.7% | 0.0% |
| Codington | Mellette Elementary | 35 | 97.1% | 97.1% | 97.1% | 0.0% | 88.6% | 51.4% | 0.0% |
| Codington | Roosevelt Elementary | 52 | 98.1% | 96.2% | 98.1% | 98.1% | 94.2% | 48.1% | 0.0% |
| Codington | Waverly-South Shore | 20 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 25.0% | 0.0% |
| Codington | Immaculate Conception | 33 | 100.0% | 100.0% | 100.0% | 100.0% | 97.0% | 21.2% | 0.0% |
| Codington | St. Martins Elementary | 17 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 17.6% | 0.0% |
| Codington | Watertown Christian Elem | 23 | 82.6% | 82.6% | 82.6% | 82.6% | 87.0% | 17.4% | 4.3% |
| Codington County | Total County | 370 | 98.4% | 98.1% | 98.4% | 88.9% | 95.9% | 36.5% | 0.8% |
| Corson | Little Eagle Grant School | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Corson | Mcintosh Elementary | 13 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Corson | McLaughlin Elementary | 37 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.3% | 0.0% |
| Corson | Rock Creek Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Corson | Wakpala Elementary | 11 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 90.9% | 0.0% |
| Corson County | Total County | 76 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 97.3% | 0.0% |
| Custer | Custer Elementary | 45 | 100.0% | 100.0% | 97.8% | 97.8% | 97.8% | 66.7% | 2.2% |
| Custer | Hermosa Elementary | 27 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 85.2% | 3.7% |
| Custer County | Total County | 72 | 100.0% | 100.0% | 98.6% | 98.6% | 98.6% | 73.6% | 2.8% |
| Davison | Ethan Elementary | 11 | 81.8% | 90.9% | 90.9% | 81.8% | 90.9% | 90.9% | 9.1% |
| Davison | Gertie Belle Rogers Elementary | 80 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 86.3% | 0.0% |
| Davison | L.B. Williams Elementary | 98 | 93.9% | 94.9% | 95.9% | 95.9% | 95.9% | 87.8% | 4.1% |
| Davison | Longfellow Elementary | 60 | 96.7% | 98.3% | 96.7% | 95.0% | 98.3% | 90.0% | 1.7% |
| Davison | Millbrook Colony Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Davison | Mount Vernon Elementary | 11 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 81.8% | 0.0% |
| Davison | Rosedale Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Davison | John Paul II Elementary | 18 | 100.0% | 100.0% | 100.0% | 100.0% | 94.4% | 94.4% | 0.0% |
| Davison | Mitchell Christian Elementary | 17 | 94.1% | 94.1% | 94.1% | 94.1% | 94.1% | 94.1% | 5.9% |
| Davison County | Total County | 300 | 96.3% | 97.3% | 97.3% | 96.7% | 97.3% | 88.7% | 2.3% |
| Day | Enemy Swim Day School | 16 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Day | Waubay Elementary | 17 | 100.0% | 100.0% | 100.0% | 100.0% | 94.1% | 70.6% | 0.0% |
| Day | Webster Area Elementary | 48 | 93.8% | 95.8% | 95.8% | 93.8% | 97.9% | 56.3% | 4.2% |
| Day County | Total County | 81 | 96.3% | 97.5% | 97.5% | 96.3% | 97.5% | 67.9% | 2.5% |
| Deuel | Deuel Elementary | 30 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 43.3% | 0.0% |
| Deuel County | Total County | 30 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 43.3% | 0.0% |
| Dewey | Cheyenne River BIE Primary | 83 | 92.8% | 95.2% | 96.4% | 95.2% | 98.8% | 95.2% | 0.0% |
| Dewey | Timber Lake Elementary | 19 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Dewey | Tiospaye Topa Elementary | 15 | 100.0% | 100.0% | 100.0% | 93.3% | 100.0% | 100.0% | 0.0% |
| Dewey County | Total County | 117 | 94.9% | 96.6% | 97.4% | 95.7% | 99.1% | 96.6% | 0.0% |
| Douglas | Armour Elementary | 15 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Douglas | Clearfield Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Douglas | Greenwood Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Douglas | Dakota Christian Elementary | 10 | 80.0% | 80.0% | 80.0% | 80.0% | 80.0% | 30.0% | 20.0% |
| Douglas County | Total County | 25 | 92.9% | 92.9% | 92.9% | 92.9% | 92.9% | 75.0% | 7.1% |
| Edmunds | Bowdle Elementary | <10 | 88.9% | 88.9% | 88.9% | 88.9% | 88.9% | 77.8% | 11.1% |
| Edmunds | Deerfield Colony Elementary | <10 | 75.0% | 75.0% | 75.0% | 75.0% | 75.0% | 0.0% | 25.0% |
| Edmunds | Edmunds Central Elementary | <10 | 100.0% | 88.9% | 100.0% | 100.0% | 100.0% | 77.8% | 0.0% |

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|--|------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Edmunds | Ipswich Elementary | 26 | 96.2% | 96.2% | 96.2% | 88.5% | 96.2% | 57.7% | 7.7% |
| Edmunds | Pembroke Colony Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Edmunds | Rosette Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% |
| Edmunds County | Total County | 50 | 94.0% | 92.0% | 94.0% | 90.0% | 90.0% | 58.0% | 8.0% |
| Fall River | Edgemont Elementary | 10 | 90.0% | 90.0% | 90.0% | 90.0% | 100.0% | 70.0% | 0.0% |
| Fall River | Elk Mountain Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Fall River | Hot Springs Elementary | 54 | 83.3% | 83.3% | 83.3% | 83.3% | 83.3% | 64.8% | 9.3% |
| Fall River | Oelrichs Elementary | <10 | 100.0% | 100.0% | 83.3% | 83.3% | 100.0% | 83.3% | 0.0% |
| Fall River | Bethesda Lutheran Elementary | <10 | 50.0% | 50.0% | 50.0% | 50.0% | 100.0% | 50.0% | 50.0% |
| Fall River County | Total County | 74 | 83.8% | 83.8% | 82.4% | 82.4% | 87.8% | 66.2% | 9.5% |
| Faulk | Blumengard Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Faulk | Brentwood Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 33.3% | 0.0% |
| Faulk | Faulton Elementary | 20 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 60.0% | 0.0% |
| Faulk | Thunderbird Colony Elem | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Faulk County | Total County | 33 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 69.7% | 0.0% |
| Grant | Big Stone City Elementary | 12 | 91.7% | 91.7% | 91.7% | 91.7% | 91.7% | 58.3% | 8.3% |
| Grant | Grant-Deuel Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 20.0% | 0.0% |
| Grant | Koch Elementary | 58 | 100.0% | 100.0% | 100.0% | 98.3% | 94.8% | 46.6% | 0.0% |
| Grant | St. Lawrence Elementary | 13 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 38.5% | 0.0% |
| Grant County | Total County | 88 | 98.9% | 98.9% | 98.9% | 97.7% | 95.5% | 45.5% | 1.1% |
| Gregory | Burke Elementary | 18 | 94.4% | 94.4% | 94.4% | 88.9% | 100.0% | 27.8% | 0.0% |
| Gregory | Gregory Elementary | 23 | 100.0% | 100.0% | 100.0% | 95.7% | 100.0% | 47.8% | 0.0% |
| Gregory | South Central Elementary | 13 | 100.0% | 100.0% | 100.0% | 92.3% | 100.0% | 53.8% | 0.0% |
| Gregory County | Total County | 54 | 98.1% | 98.1% | 98.1% | 92.6% | 100.0% | 42.6% | 0.0% |
| Haakon | Big White Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Haakon | Midland Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 66.7% | 0.0% |
| Haakon | Milesville Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 50.0% | 0.0% |
| Haakon | Philip Elementary | 19 | 94.7% | 94.7% | 94.7% | 94.7% | 89.5% | 68.4% | 5.3% |
| Haakon County | Total County | 26 | 96.2% | 96.2% | 96.2% | 96.2% | 92.3% | 65.4% | 3.8% |
| Hamlin | Castlewood Elementary | 18 | 100.0% | 94.4% | 94.4% | 100.0% | 100.0% | 55.6% | 5.6% |
| Hamlin | Claremont Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Hamlin | Estelline Elementary | 29 | 89.7% | 89.7% | 89.7% | 89.7% | 100.0% | 34.5% | 0.0% |
| Hamlin | Hamlin Elementary | 66 | 95.5% | 97.0% | 97.0% | 89.4% | 90.9% | 42.4% | 3.0% |
| Hamlin | Poinsett Colony Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Hamlin County | Total County | 116 | 94.8% | 94.8% | 94.8% | 91.4% | 94.8% | 41.4% | 2.6% |
| Hand | Miller Elementary | 32 | 90.6% | 90.6% | 90.6% | 87.5% | 93.8% | 46.9% | 6.3% |
| Hand | Millerdale Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Hand | Sunshine Bible Elementary | <10 | 0.0% | 0.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Hand County | Total County | 34 | 88.2% | 88.2% | 91.2% | 88.2% | 94.1% | 50.0% | 5.9% |
| Hanson | Oaklane Colony Elem | <10 | 85.7% | 71.4% | 71.4% | 71.4% | 71.4% | 71.4% | 14.3% |
| Hanson | Bridgewater-Emery Elementary | 23 | 95.7% | 95.7% | 95.7% | 95.7% | 91.3% | 73.9% | 0.0% |
| Hanson | Hanson Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 96.0% | 0.0% |
| Hanson | Rockport Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Hanson County | Total County | 58 | 96.6% | 94.8% | 94.8% | 94.8% | 93.1% | 84.5% | 1.7% |
| Harding | Buffalo Elementary | 14 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 78.6% | 0.0% |
| Harding | Camp Crook Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Harding | Ludlow Elementary | <10 | 100.0% | 100.0% | 50.0% | 50.0% | 50.0% | 50.0% | 0.0% |
| Harding County | Total County | 18 | 100.0% | 100.0% | 94.4% | 94.4% | 94.4% | 77.8% | 0.0% |
| Hughes | Blunt Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Hughes | Buchanan Elementary | 64 | 96.9% | 96.9% | 96.9% | 96.9% | 98.4% | 50.0% | 1.6% |
| Hughes | Jefferson Elementary | 82 | 98.8% | 98.8% | 98.8% | 97.6% | 100.0% | 62.2% | 0.0% |
| Hughes | Kennedy Elementary | 69 | 97.1% | 97.1% | 97.1% | 97.1% | 98.6% | 63.8% | 1.4% |
| Hughes | For His Glory School | <10 | 100.0% | 100.0% | 85.7% | 100.0% | 100.0% | 28.6% | 0.0% |
| Hughes | St. Joseph Elementary | 31 | 96.8% | 96.8% | 100.0% | 100.0% | 100.0% | 54.8% | 0.0% |
| Hughes County | Total County | 253 | 97.6% | 97.6% | 97.6% | 97.6% | 99.2% | 57.7% | 0.8% |
| Hutchinson | Freeman Elementary | 22 | 86.4% | 90.9% | 86.4% | 86.4% | 90.9% | 59.1% | 4.5% |
| Hutchinson | Jamesville Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Hutchinson | Maxwell Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Hutchinson | Menno Elementary | 10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 60.0% | 0.0% |
| Hutchinson | New Elm Spring Colony | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |

| County | School Name | Students | 4-DTAP | 4-Polio | 2-MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|---------------------------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Hutchinson | Old Elm Spring Colony | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Hutchinson | Our Home | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Hutchinson | Parkston Elementary | 33 | 93.9% | 93.9% | 93.9% | 90.9% | 97.0% | 90.9% | 3.0% |
| Hutchinson | Tripp Elementary | 12 | 91.7% | 91.7% | 91.7% | 91.7% | 100.0% | 91.7% | 0.0% |
| Hutchinson | Tschetter Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Hutchinson | Wolf Creek Colony Elementary | <10 | 80.0% | 100.0% | 100.0% | 100.0% | 80.0% | 0.0% | 0.0% |
| Hutchinson County | Total County | 96 | 92.7% | 94.8% | 93.8% | 92.7% | 95.8% | 71.9% | 2.1% |
| Hyde | Crow Creek Elementary | 30 | 96.7% | 96.7% | 96.7% | 96.7% | 96.7% | 96.7% | 0.0% |
| Hyde | Highmore Elementary | 20 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 60.0% | 0.0% |
| Hyde County | Total County | 50 | 98.0% | 98.0% | 98.0% | 98.0% | 98.0% | 82.0% | 0.0% |
| Jackson | Crazy Horse Elementary | 33 | 100.0% | 100.0% | 100.0% | 97.0% | 100.0% | 100.0% | 0.0% |
| Jackson | Interior Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 88.9% | 66.7% | 0.0% |
| Jackson | Kadoka Elementary | 11 | 100.0% | 100.0% | 100.0% | 100.0% | 90.9% | 90.9% | 9.1% |
| Jackson | Longvalley Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 75.0% | 0.0% |
| Jackson County | Total County | 57 | 100.0% | 100.0% | 100.0% | 98.2% | 96.5% | 91.2% | 1.8% |
| Jerauld | Spring Valley Colony | <10 | 75.0% | 75.0% | 75.0% | 75.0% | 75.0% | 75.0% | 25.0% |
| Jerauld | Wessington Springs Elementary | 23 | 100.0% | 100.0% | 100.0% | 95.7% | 100.0% | 78.3% | 0.0% |
| Jerauld County | Total County | 27 | 96.3% | 96.3% | 96.3% | 92.6% | 96.3% | 77.8% | 3.7% |
| Jones County | Total County | 16 | 93.8% | 93.8% | 100.0% | 93.8% | 87.5% | 62.5% | 0.0% |
| Kingsbury | Arlington Elementary | 24 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 50.0% | 0.0% |
| Kingsbury | Iroquois Elementary | 18 | 77.8% | 77.8% | 77.8% | 77.8% | 100.0% | 88.9% | 0.0% |
| Kingsbury | Lake Preston Elementary | 11 | 100.0% | 100.0% | 100.0% | 90.9% | 100.0% | 36.4% | 0.0% |
| Kingsbury | Laura Ingalls Wilder Elementary | 31 | 96.8% | 96.8% | 96.8% | 96.8% | 96.8% | 51.6% | 0.0% |
| Kingsbury | Pearl Creek Colony Elementary | <10 | 66.7% | 66.7% | 66.7% | 66.7% | 100.0% | 33.3% | 0.0% |
| Kingsbury County | Total County | 87 | 93.1% | 93.1% | 93.1% | 92.0% | 98.9% | 56.3% | 0.0% |
| Lake | Cambridge Colony School | <10 | 33.3% | 33.3% | 33.3% | 33.3% | 66.7% | 0.0% | 66.7% |
| Lake | Chester Elementary | 24 | 95.8% | 95.8% | 95.8% | 95.8% | 100.0% | 66.7% | 0.0% |
| Lake | Gracevale Colony | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Lake | Madison Elementary | 86 | 95.3% | 96.5% | 95.3% | 95.3% | 98.8% | 59.3% | 0.0% |
| Lake | Oldham-Ramona Elementary | 11 | 90.9% | 90.9% | 90.9% | 81.8% | 90.9% | 27.3% | 0.0% |
| Lake | Rustic Acres Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Lake | Rutland Elementary | 13 | 92.3% | 92.3% | 92.3% | 92.3% | 100.0% | 61.5% | 7.7% |
| Lake | Spring Lake Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 50.0% | 0.0% |
| Lake | Madison Christian Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Lake | St. Thomas Elementary | 5 | 80.0% | 80.0% | 60.0% | 60.0% | 80.0% | 40.0% | 20.0% |
| Lake County | Total County | 152 | 92.1% | 92.8% | 91.4% | 90.8% | 96.7% | 53.9% | 3.9% |
| Lawrence | Lead-Deadwood Elementary | 41 | 92.7% | 92.7% | 92.7% | 87.8% | 87.8% | 70.7% | 2.4% |
| Lawrence | Mountain View Elementary | 187 | 97.3% | 97.9% | 97.3% | 96.3% | 96.3% | 85.0% | 2.1% |
| Lawrence | Whitewood Elementary | 19 | 84.2% | 84.2% | 84.2% | 84.2% | 73.7% | 78.9% | 10.5% |
| Lawrence County | Total County | 247 | 95.5% | 96.0% | 95.5% | 93.9% | 93.1% | 82.2% | 2.8% |
| Lincoln | Endeavor Elementary | 69 | 94.2% | 94.2% | 94.2% | 94.2% | 94.2% | 75.4% | 0.0% |
| Lincoln | Freedom Elementary | 68 | 98.5% | 98.5% | 98.5% | 98.5% | 97.1% | 76.5% | 1.5% |
| Lincoln | Journey Elementary | 55 | 98.2% | 98.2% | 98.2% | 98.2% | 100.0% | 80.0% | 1.8% |
| Lincoln | Lawrence Elementary | 54 | 96.3% | 96.3% | 96.3% | 96.3% | 94.4% | 85.2% | 3.7% |
| Lincoln | Lennox Elementary | 63 | 96.8% | 95.2% | 95.2% | 93.7% | 92.1% | 76.2% | 6.3% |
| Lincoln | Liberty Elementary | 78 | 88.5% | 88.5% | 88.5% | 88.5% | 75.6% | 70.5% | 7.7% |
| Lincoln | Tea Area Frontier Elementary | 21 | 95.2% | 95.2% | 95.2% | 95.2% | 95.2% | 76.2% | 0.0% |
| Lincoln | Tea Area Legacy Elementary | 117 | 94.9% | 94.0% | 92.3% | 92.3% | 91.5% | 69.2% | 0.0% |
| Lincoln | Worthing Elementary | 18 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 77.8% | 0.0% |
| Lincoln | Ban Dek Montessori | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Lincoln County | Total County | 547 | 95.2% | 94.9% | 94.5% | 94.3% | 92.0% | 75.3% | 2.6% |
| Lyman | Kennebec Elementary | 15 | 93.3% | 93.3% | 93.3% | 93.3% | 93.3% | 80.0% | 6.7% |
| Lyman | Lower Brule Elementary | 38 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Lyman | Presho Elementary | 18 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 61.1% | 0.0% |
| Lyman County | Total County | 71 | 98.6% | 98.6% | 98.6% | 98.6% | 98.6% | 85.9% | 1.4% |
| Marshall | Britton-Hecla Elementary | 33 | 93.9% | 93.9% | 93.9% | 93.9% | 97.0% | 75.8% | 6.1% |
| Marshall | Langford Area Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 55.6% | 0.0% |
| Marshall | Newport Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Marshall | Sunset Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 50.0% | 100.0% | 25.0% | 0.0% |
| Marshall | Westwood Rural Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |

| County | School Name | Students | 4-DTaP | 4-Polio | 2-MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|--------------------------------|---------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Marshall County | Total County | 49 | 95.9% | 95.9% | 95.9% | 91.8% | 98.0% | 63.3% | 4.1% |
| McCook | Canistota Elementary | 14 | 85.7% | 85.7% | 85.7% | 85.7% | 92.9% | 42.9% | 0.0% |
| McCook | Goldenview Colony School | <10 | 66.7% | 66.7% | 66.7% | 66.7% | 100.0% | 0.0% | 0.0% |
| McCook | McCook Central Elementary | 27 | 85.2% | 77.8% | 81.5% | 81.5% | 92.6% | 66.7% | 3.7% |
| McCook | Montrose Elementary | 22 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 95.5% | 0.0% |
| McCook | Orland Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| McCook | St. Mary's Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 80.0% | 0.0% |
| McCook County | Total County | 76 | 90.8% | 88.2% | 89.5% | 89.5% | 96.1% | 64.5% | 1.3% |
| McPherson | Eureka Elementary | 16 | 93.8% | 93.8% | 93.8% | 93.8% | 50.0% | 50.0% | 6.3% |
| McPherson | Grassland Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| McPherson | Leola Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 75.0% | 0.0% |
| McPherson | Long Lake Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 33.3% | 0.0% |
| McPherson | Spring Creek Colony Elem | <10 | 0.0% | 0.0% | 0.0% | 0.0% | 60.0% | 0.0% | 100.0% |
| McPherson County | Total County | 33 | 81.8% | 81.8% | 81.8% | 81.8% | 69.7% | 45.5% | 18.2% |
| Meade | Atall Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Meade | Black Hawk Elementary | 55 | 98.2% | 98.2% | 98.2% | 98.2% | 98.2% | 89.1% | 1.8% |
| Meade | Elm Springs Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Meade | Enning/Union Center | <10 | 88.9% | 88.9% | 88.9% | 88.9% | 100.0% | 88.9% | 11.1% |
| Meade | Faith Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Meade | Hereford Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Meade | Maurine Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Meade | Opal Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Meade | Piedmont Valley Elementary | 97 | 91.8% | 91.8% | 91.8% | 91.8% | 79.4% | 74.2% | 7.2% |
| Meade | Sturgis Elementary | 115 | 95.7% | 95.7% | 95.7% | 95.7% | 82.6% | 76.5% | 0.9% |
| Meade County | Total County | 290 | 94.8% | 94.8% | 94.8% | 94.8% | 85.9% | 79.3% | 3.8% |
| Mellette | Norris Elementary | <10 | 83.3% | 83.3% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Mellette | White River Elementary | 29 | 89.7% | 89.7% | 89.7% | 89.7% | 86.2% | 86.2% | 0.0% |
| Mellette County | Total County | 35 | 88.6% | 88.6% | 91.4% | 91.4% | 88.6% | 88.6% | 0.0% |
| Miner | Howard Elementary | 23 | 91.3% | 91.3% | 91.3% | 87.0% | 100.0% | 91.3% | 0.0% |
| Miner | Shannon Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Miner County | Total County | 27 | 92.6% | 92.6% | 92.6% | 88.9% | 100.0% | 92.6% | 0.0% |
| Minnehaha | All City Elementary | 19 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 84.2% | 36.8% |
| Minnehaha | Anne Sullivan Elementary | 96 | 99.0% | 99.0% | 99.0% | 95.8% | 95.8% | 87.5% | 1.0% |
| Minnehaha | Baltic Elementary | 37 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 83.8% | 0.0% |
| Minnehaha | Behavioral Care Specialist-SF | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Minnehaha | Brandon Elementary | 96 | 97.9% | 97.9% | 97.9% | 97.9% | 97.9% | 71.9% | 2.1% |
| Minnehaha | Bridges at Horace Mann | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Minnehaha | Cleveland Elementary | 93 | 96.8% | 96.8% | 98.9% | 98.9% | 91.4% | 84.9% | 1.1% |
| Minnehaha | Dell Rapids Elementary | 72 | 97.2% | 97.2% | 97.2% | 97.2% | 95.8% | 84.7% | 2.8% |
| Minnehaha | Discovery Elementary | 140 | 99.3% | 98.6% | 99.3% | 97.9% | 95.7% | 81.4% | 1.4% |
| Minnehaha | Elementary Immersion Center | 19 | 84.2% | 84.2% | 89.5% | 68.4% | 73.7% | 68.4% | 0.0% |
| Minnehaha | Eugene Field A+ Elementary | 71 | 94.4% | 94.4% | 95.8% | 94.4% | 93.0% | 78.9% | 5.6% |
| Minnehaha | Explorer Elementary | 55 | 96.4% | 96.4% | 98.2% | 98.2% | 98.2% | 85.5% | 3.6% |
| Minnehaha | Fred Assam Elementary | 118 | 96.6% | 97.5% | 97.5% | 97.5% | 95.8% | 85.6% | 2.5% |
| Minnehaha | Garfield Elementary | 99 | 99.0% | 99.0% | 99.0% | 98.0% | 93.9% | 83.8% | 1.0% |
| Minnehaha | Garretson Elementary | 30 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 66.7% | 0.0% |
| Minnehaha | Harvey Dunn Elementary | 81 | 98.8% | 98.8% | 98.8% | 98.8% | 93.8% | 77.8% | 1.2% |
| Minnehaha | Hawthorne Elementary | 54 | 98.1% | 98.1% | 98.1% | 98.1% | 98.1% | 90.7% | 0.0% |
| Minnehaha | Hayward Elementary | 110 | 97.3% | 98.2% | 96.4% | 94.5% | 98.2% | 83.6% | 0.9% |
| Minnehaha | Horizon Elementary | 37 | 100.0% | 100.0% | 100.0% | 100.0% | 97.3% | 70.3% | 0.0% |
| Minnehaha | John F. Kennedy Elementary | 101 | 97.0% | 98.0% | 98.0% | 98.0% | 97.0% | 77.2% | 4.0% |
| Minnehaha | John Harris Elementary | 118 | 100.0% | 100.0% | 99.2% | 99.2% | 99.2% | 89.0% | 0.0% |
| Minnehaha | Laura B. Anderson Elementary | 50 | 96.0% | 96.0% | 96.0% | 96.0% | 96.0% | 82.0% | 4.0% |
| Minnehaha | Laura Wilder Elementary | 91 | 98.9% | 98.9% | 98.9% | 98.9% | 93.4% | 87.9% | 1.1% |
| Minnehaha | LifeScape Children's Specialty | <10 | 100.0% | 100.0% | 100.0% | 75.0% | 75.0% | 50.0% | 0.0% |
| Minnehaha | Lowell Elementary | 85 | 96.5% | 97.6% | 100.0% | 97.6% | 98.8% | 89.4% | 0.0% |
| Minnehaha | Oscar Howe Elementary | 95 | 97.9% | 97.9% | 100.0% | 98.9% | 92.6% | 78.9% | 1.1% |
| Minnehaha | R.F. Pettigrew Elementary | 148 | 98.0% | 98.0% | 98.0% | 97.3% | 97.3% | 77.0% | 2.7% |
| Minnehaha | Renberg Elementary | 46 | 97.8% | 97.8% | 100.0% | 100.0% | 100.0% | 84.8% | 0.0% |
| Minnehaha | Robert Bennis Elementary | 78 | 98.7% | 98.7% | 100.0% | 100.0% | 96.2% | 67.9% | 0.0% |

| County | School Name | Students | 4-DTAp | 4-Polio | 2-MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|----------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Minnehaha | Robert Frost Elementary | 91 | 91.2% | 91.2% | 91.2% | 90.1% | 93.4% | 75.8% | 6.6% |
| Minnehaha | Rosa Parks Elementary | 91 | 91.2% | 92.3% | 91.2% | 90.1% | 82.4% | 74.7% | 6.6% |
| Minnehaha | Sioux Falls Children's Home | <10 | 87.5% | 87.5% | 100.0% | 100.0% | 87.5% | 100.0% | 0.0% |
| Minnehaha | Sonia Sotomayor Elementary | 135 | 96.3% | 94.8% | 96.3% | 94.1% | 85.9% | 77.8% | 3.7% |
| Minnehaha | Susan B. Anthony Elementary | 92 | 95.7% | 96.7% | 96.7% | 95.7% | 92.4% | 76.1% | 1.1% |
| Minnehaha | Terry Redlin Elementary | 77 | 98.7% | 98.7% | 97.4% | 97.4% | 97.4% | 83.1% | 0.0% |
| Minnehaha | Tri-Valley Elementary | 67 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 86.6% | 0.0% |
| Minnehaha | Valley Springs Elementary | 23 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 65.2% | 0.0% |
| Minnehaha | West Central Hartford | 70 | 98.6% | 97.1% | 100.0% | 98.6% | 100.0% | 82.9% | 0.0% |
| Minnehaha | West Central Humboldt | 22 | 100.0% | 100.0% | 100.0% | 100.0% | 95.5% | 81.8% | 0.0% |
| Minnehaha | Bethel Lutheran Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% |
| Minnehaha | Christ the King Elementary | 16 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 81.3% | 0.0% |
| Minnehaha | Good Shepherd Elementary | 10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 90.0% | 0.0% |
| Minnehaha | Holy Spirit Elementary | 31 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 83.9% | 0.0% |
| Minnehaha | McCrossan Boys Ranch | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Minnehaha | Sioux Falls Christian Elementary | 105 | 94.3% | 94.3% | 92.4% | 90.5% | 90.5% | 72.4% | 5.7% |
| Minnehaha | Sioux Falls Lutheran Elem | 24 | 95.8% | 95.8% | 95.8% | 95.8% | 87.5% | 79.2% | 0.0% |
| Minnehaha | St. Katharine Drexel Elem | 21 | 95.2% | 95.2% | 95.2% | 95.2% | 90.5% | 66.7% | 4.8% |
| Minnehaha | St. Lambert Elementary | 13 | 100.0% | 100.0% | 92.3% | 92.3% | 100.0% | 61.5% | 0.0% |
| Minnehaha | St. Mary Elementary | 52 | 98.1% | 98.1% | 100.0% | 98.1% | 94.2% | 90.4% | 0.0% |
| Minnehaha | St. Mary's Elementary | 21 | 90.5% | 85.7% | 85.7% | 81.0% | 81.0% | 61.9% | 19.0% |
| Minnehaha | St. Michael Elementary | 21 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 81.0% | 0.0% |
| Minnehaha County | Total County | 3036 | 97.3% | 97.3% | 97.6% | 96.7% | 94.9% | 80.5% | 2.2% |
| Moody | Colman Elementary | 18 | 94.4% | 94.4% | 94.4% | 94.4% | 94.4% | 61.1% | 5.6% |
| Moody | Flandreau Elementary | 55 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 65.5% | 0.0% |
| Moody | Pleasant Valley Colony | <10 | 100.0% | 100.0% | 100.0% | 75.0% | 100.0% | 25.0% | 0.0% |
| Moody County | Total County | 77 | 98.7% | 98.7% | 98.7% | 97.4% | 98.7% | 62.3% | 1.3% |
| Oglala Lakota | Our Lady of Lourdes Elem | 16 | 93.8% | 93.8% | 93.8% | 93.8% | 93.8% | 75.0% | 0.0% |
| Oglala Lakota | Red Cloud Elementary | 25 | 80.0% | 80.0% | 80.0% | 80.0% | 88.0% | 84.0% | 8.0% |
| Oglala Lakota | American Horse Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Oglala Lakota | Batesland School | 20 | 95.0% | 75.0% | 75.0% | 60.0% | 100.0% | 15.0% | 0.0% |
| Oglala Lakota | Isna Wica Owayawa-No report | | | | | | | | |
| Oglala Lakota | Little Wound Elementary | 60 | 98.3% | 98.3% | 98.3% | 98.3% | 98.3% | 96.7% | 1.7% |
| Oglala Lakota | Pine Ridge Elementary | 49 | 98.0% | 98.0% | 98.0% | 95.9% | 95.9% | 98.0% | 2.0% |
| Oglala Lakota | Porcupine Elementary | 15 | 93.3% | 93.3% | 93.3% | 93.3% | 100.0% | 93.3% | 0.0% |
| Oglala Lakota | Red Shirt School | 11 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 90.9% | 0.0% |
| Oglala Lakota | Rockyford School | 44 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Oglala Lakota | Wolf Creek School | 86 | 97.7% | 98.8% | 98.8% | 97.7% | 98.8% | 86.0% | 1.2% |
| Oglala Lakota | Wounded Knee Elementary | 26 | 100.0% | 100.0% | 100.0% | 88.5% | 100.0% | 100.0% | 0.0% |
| Oglala Lakota Co | Total County | 352 | 96.6% | 95.7% | 95.7% | 93.8% | 97.4% | 88.1% | 1.4% |
| Pennington | Badger Clark Elementary | 248 | 98.8% | 98.8% | 98.8% | 98.0% | 67.7% | 62.1% | 1.2% |
| Pennington | Behavioral Care Specialists- RC | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Pennington | Bison Elementary | 6 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Pennington | Black Hills Children's Home | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Pennington | Canyon Lake Elementary | 73 | 95.9% | 98.6% | 98.6% | 98.6% | 90.4% | 89.0% | 1.4% |
| Pennington | Corral Drive Elementary | 61 | 98.4% | 98.4% | 98.4% | 98.4% | 93.4% | 86.9% | 1.6% |
| Pennington | General Beadle Elementary | 71 | 97.2% | 97.2% | 97.2% | 94.4% | 98.6% | 94.4% | 2.8% |
| Pennington | Grandview Elementary | 83 | 97.6% | 98.8% | 98.8% | 96.4% | 98.8% | 89.2% | 2.4% |
| Pennington | Hill City Elementary | 34 | 97.1% | 97.1% | 100.0% | 100.0% | 100.0% | 85.3% | 0.0% |
| Pennington | Horace Mann Elementary | 45 | 100.0% | 100.0% | 100.0% | 115.6% | 97.8% | 93.3% | 0.0% |
| Pennington | Knollwood Heights Elementary | 62 | 100.0% | 100.0% | 100.0% | 100.0% | 91.9% | 95.2% | 0.0% |
| Pennington | Meadowbrook Elementary | 80 | 100.0% | 100.0% | 100.0% | 100.0% | 92.5% | 91.3% | 0.0% |
| Pennington | New Underwood Elementary | 12 | 100.0% | 100.0% | 100.0% | 100.0% | 75.0% | 58.3% | 0.0% |
| Pennington | Pinedale Elementary | 58 | 100.0% | 100.0% | 100.0% | 100.0% | 98.3% | 91.4% | 0.0% |
| Pennington | Rapid Valley Elementary | 90 | 97.8% | 97.8% | 97.8% | 97.8% | 90.0% | 80.0% | 2.2% |
| Pennington | Robbinsdale Elementary | 94 | 98.9% | 98.9% | 100.0% | 97.9% | 98.9% | 95.7% | 1.1% |
| Pennington | South Canyon Elementary | 46 | 95.7% | 97.8% | 97.8% | 97.8% | 93.5% | 78.3% | 2.2% |
| Pennington | South Park Elementary | 46 | 97.8% | 97.8% | 97.8% | 95.7% | 97.8% | 97.8% | 2.2% |
| Pennington | Valley View Elementary | 101 | 97.0% | 98.0% | 99.0% | 98.0% | 98.0% | 92.1% | 0.0% |
| Pennington | Wall Elementary | 15 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 86.7% | 0.0% |

| County | School Name | Students | 4-DTAP | 4-Polio | 2-MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Pennington | Woodrow Wilson Elementary | 52 | 98.1% | 98.1% | 98.1% | 98.1% | 88.5% | 84.6% | 1.9% |
| Pennington | Calvary Christian Elementary | 37 | 62.2% | 64.9% | 64.9% | 64.9% | 83.8% | 73.0% | 2.7% |
| Pennington | Children's House Montessori | <10 | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% | 50.0% |
| Pennington | Lakota Woglaka Wounspe | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 50.0% | 0.0% |
| Pennington | Rapid City Lutheran | 27 | 100.0% | 100.0% | 96.3% | 96.3% | 96.3% | 77.8% | 0.0% |
| Pennington | St. Elizabeth Seton | 42 | 100.0% | 100.0% | 100.0% | 100.0% | 95.2% | 92.9% | 0.0% |
| Pennington | St. Paul's Elementary | 11 | 90.9% | 90.9% | 90.9% | 81.8% | 81.8% | 72.7% | 9.1% |
| Pennington County | Total County | 1402 | 97.3% | 97.7% | 97.9% | 97.6% | 89.8% | 83.9% | 1.3% |
| Perkins | Lemmon Elementary | 20 | 95.0% | 95.0% | 95.0% | 95.0% | 100.0% | 95.0% | 5.0% |
| Perkins County | Total County | 20 | 95.0% | 95.0% | 95.0% | 95.0% | 100.0% | 95.0% | 5.0% |
| Potter | Gettysburg Elementary | 18 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 38.9% | 0.0% |
| Potter | Hoven Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 83.3% | 0.0% |
| Potter County | Total County | 24 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 50.0% | 0.0% |
| Roberts | Rosholt/ White Rock Colony | 14 | 92.9% | 92.9% | 92.9% | 85.7% | 92.9% | 78.6% | 7.1% |
| Roberts | Sisseton Elementary | 97 | 99.0% | 99.0% | 100.0% | 93.8% | 97.9% | 89.7% | 0.0% |
| Roberts | Summit Elementary | <10 | 87.5% | 87.5% | 87.5% | 87.5% | 100.0% | 87.5% | 0.0% |
| Roberts | Tiospa Zina Elementary | 42 | 100.0% | 100.0% | 100.0% | 97.6% | 100.0% | 100.0% | 0.0% |
| Roberts County | Total County | 161 | 98.1% | 98.1% | 98.8% | 93.8% | 98.1% | 91.3% | 0.6% |
| Sanborn | Sanborn Central Elementary | 14 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Sanborn | Upland Colony Elementary | <10 | 40.0% | 40.0% | 80.0% | 80.0% | 60.0% | 0.0% | 20.0% |
| Sanborn | Woonsocket Elementary | 18 | 94.4% | 88.9% | 94.4% | 88.9% | 88.9% | 83.3% | 0.0% |
| Sanborn County | Total County | 37 | 89.2% | 86.5% | 94.6% | 91.9% | 89.2% | 78.4% | 2.7% |
| Spink | Camrose Colony Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Spink | Clark Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Spink | Doland Elementary | 10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 30.0% | 0.0% |
| Spink | Glendale Colony Elementary | <10 | 75.0% | 75.0% | 75.0% | 75.0% | 75.0% | 75.0% | 0.0% |
| Spink | Hillside Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Spink | Northwestern Elementary | 11 | 100.0% | 100.0% | 90.9% | 100.0% | 100.0% | 63.6% | 9.1% |
| Spink | Redfield Elementary | 43 | 97.7% | 97.7% | 97.7% | 97.7% | 97.7% | 48.8% | 2.3% |
| Spink | Spink Colony Elementary | <10 | 50.0% | 50.0% | 75.0% | 75.0% | 75.0% | 25.0% | 0.0% |
| Spink County | Total County | 75 | 94.7% | 94.7% | 94.7% | 96.0% | 96.0% | 50.7% | 2.7% |
| Stanley | Cheyenne Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% | 0.0% | 0.0% |
| Stanley | Stanley County Elementary | 26 | 92.3% | 96.2% | 96.2% | 96.2% | 0.0% | 0.0% | 0.0% |
| Stanley County | Total County | 28 | 92.9% | 96.4% | 96.4% | 96.4% | 0.0% | 0.0% | 0.0% |
| Sully | Onida & Blunt Elementary | 12 | 83.3% | 83.3% | 83.3% | 83.3% | 83.3% | 41.7% | 8.3% |
| Sully County | Total County | 12 | 83.3% | 83.3% | 83.3% | 83.3% | 83.3% | 41.7% | 8.3% |
| Todd | He Dog Elementary | 34 | 100.0% | 100.0% | 100.0% | 100.0% | 97.1% | 91.2% | 0.0% |
| Todd | Klein Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 80.0% | 60.0% | 0.0% |
| Todd | Lakeview Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Todd | Littleburg Elementary | <10 | 87.5% | 87.5% | 87.5% | 87.5% | 87.5% | 100.0% | 0.0% |
| Todd | O'Kreek Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 83.3% | 0.0% |
| Todd | Rosebud Elementary | 56 | 100.0% | 100.0% | 100.0% | 98.2% | 100.0% | 100.0% | 0.0% |
| Todd | Spring Creek Elementary | 10 | 90.0% | 90.0% | 100.0% | 90.0% | 90.0% | 100.0% | 0.0% |
| Todd | St. Francis Elementary | 49 | 85.7% | 87.8% | 87.8% | 85.7% | 100.0% | 98.0% | 0.0% |
| Todd | Todd County Elementary | 107 | 97.2% | 97.2% | 98.1% | 98.1% | 99.1% | 95.3% | 0.0% |
| Todd | Sapa Un Catholic Academy | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Todd | White Eagle Elementary | 0 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| Todd County | Total County | 284 | 95.8% | 96.1% | 96.8% | 95.8% | 98.2% | 95.8% | 0.0% |
| Tripp | Colome Elementary | 13 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 38.5% | 0.0% |
| Tripp | Winner Elementary | 87 | 97.7% | 97.7% | 97.7% | 97.7% | 98.9% | 31.0% | 1.1% |
| Tripp | Wood Elementary | <10 | 100.0% | 100.0% | 100.0% | 50.0% | 100.0% | 50.0% | 0.0% |
| Tripp County | Total County | 102 | 98.0% | 98.0% | 98.0% | 97.1% | 99.0% | 32.4% | 1.0% |
| Turner | Cameron Colony Elementary | <10 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 0.0% |
| Turner | Centerville Elementary | 25 | 88.0% | 84.0% | 88.0% | 88.0% | 80.0% | 80.0% | 4.0% |
| Turner | Marion Elementary | 16 | 81.3% | 81.3% | 81.3% | 81.3% | 81.3% | 75.0% | 18.8% |
| Turner | Parker Elementary | 26 | 96.2% | 100.0% | 96.2% | 96.2% | 96.2% | 84.6% | 0.0% |
| Turner | Viborg-Hurley Elementary | 30 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 76.7% | 0.0% |
| Turner County | Total County | 98 | 92.9% | 92.9% | 92.9% | 92.9% | 90.8% | 79.6% | 4.1% |
| Union | Alcester-Hudson Elementary | 35 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 82.9% | 0.0% |
| Union | Beresford Elementary | 44 | 97.7% | 97.7% | 97.7% | 97.7% | 93.2% | 86.4% | 2.3% |

| County | School Name | Students | 4-DTaP | 4-Polio | 2-MMR | 2-VAR | 3-HBV | 2-HAV | Exempt |
|--|--------------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| Total for South Dakota Kindergarten | | 12,081 | 96.4% | 96.5% | 96.7% | 95.4% | 94.5% | 75.2% | 2.0% |
| Union | Dakota Valley Elementary | 96 | 100.0% | 100.0% | 100.0% | 97.9% | 82.3% | 80.2% | 0.0% |
| Union | Elk Point-Jefferson Elementary | 40 | 100.0% | 100.0% | 100.0% | 100.0% | 95.0% | 90.0% | 0.0% |
| Union County | Total County | 215 | 99.5% | 99.5% | 99.5% | 98.6% | 89.8% | 83.7% | 0.5% |
| Walworth | Freeman Davis Elementary | 45 | 95.6% | 95.6% | 95.6% | 95.6% | 93.3% | 91.1% | 4.4% |
| Walworth | Selby Elementary | 14 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 92.9% | 0.0% |
| Walworth County | Total County | 59 | 96.6% | 96.6% | 96.6% | 96.6% | 94.9% | 91.5% | 3.4% |
| Yankton | Beadle Elementary | 59 | 96.6% | 96.6% | 96.6% | 94.9% | 98.3% | 69.5% | 0.0% |
| Yankton | Gayville-Volin Elementary | 19 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 78.9% | 0.0% |
| Yankton | Lincoln Elementary | 60 | 100.0% | 100.0% | 98.3% | 100.0% | 98.3% | 71.7% | 0.0% |
| Yankton | Stewart Elementary | 48 | 95.8% | 97.9% | 97.9% | 93.8% | 93.8% | 62.5% | 2.1% |
| Yankton | Webster Elementary | 23 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 82.6% | 0.0% |
| Yankton | Sacred Heart Elementary | 36 | 100.0% | 100.0% | 100.0% | 100.0% | 94.4% | 47.2% | 0.0% |
| Yankton County | Total County | 245 | 98.4% | 98.8% | 98.4% | 97.6% | 97.1% | 67.3% | 0.4% |
| Ziebach | Dupree Elementary | 32 | 93.8% | 96.9% | 96.9% | 93.8% | 93.8% | 96.9% | 0.0% |
| Ziebach | Takini Elementary | 10 | 100.0% | 100.0% | 100.0% | 90.0% | 70.0% | 100.0% | 0.0% |
| Ziebach County | Total County | 42 | 95.2% | 97.6% | 97.6% | 92.9% | 88.1% | 97.6% | 0.0% |

6th Grade Vaccination 2016-2017 School Year — Healthy Kids, Healthy Families, Healthy Schools, Healthy Communities, Healthy South Dakota

For the 2016-2017 6th grade class 321 South Dakota schools submitted vaccination audit data. South Dakota's overall coverage rate for Tdap vaccine was 95.9% and overall coverage rate for Meningococcal (MCV4) was 95.7% while the overall exemption rate was 1.9%.

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|-------------------------------------|--------------|---------------|---------------|-------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Aurora | Aurora Plains Academy Middle School | <10 | 100.0% | 100.0% | 0.0% |
| Aurora | Corsica-Stickney Elementary | 16 | 100.0% | 100.0% | 0.0% |
| Aurora | Plankinton Elementary | 15 | 93.3% | 93.3% | 0.0% |
| Aurora | White Lake Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Aurora County | Total County | 41 | 97.6% | 97.6% | 0.0% |
| Beadle | Hitchcock-Tulare Elementary | 13 | 92.3% | 92.3% | 7.7% |
| Beadle | Huron Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Beadle | Huron Middle School | 169 | 89.9% | 90.5% | 0.0% |
| Beadle | Our Home ASAP | 0 | 0.0% | 0.0% | 0.0% |
| Beadle | Our Home Rediscovery | 0 | 0.0% | 0.0% | 0.0% |
| Beadle | Riverside Colony Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Beadle | Wolsey-Wessington Middle School | 30 | 80.0% | 76.7% | 0.0% |
| Beadle | Holy Trinity Catholic Elementary | 10 | 100.0% | 100.0% | 0.0% |
| Beadle | James Valley Christian Elementary | 17 | 82.4% | 82.4% | 11.8% |
| Beadle County | Total County | 241 | 88.4% | 88.4% | 1.2% |
| Bennett | Martin Elementary | 31 | 100.0% | 100.0% | 0.0% |
| Bennett | American Horse Elementary-no report | | | | |
| Bennett County | Total County | 31 | 100.0% | 100.0% | 0.0% |
| Bon Homme | Avon Elementary | 23 | 100.0% | 100.0% | 0.0% |
| Bon Homme | Bon Homme Middle School | 37 | 100.0% | 100.0% | 0.0% |
| Bon Homme | Hutterische Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Bon Homme | Scotland Middle School | 23 | 91.3% | 91.3% | 0.0% |
| Bon Homme County | Total County | 87 | 97.7% | 97.7% | 0.0% |
| Brookings | Deubrook Elementary | 30 | 96.7% | 96.7% | 3.3% |
| Brookings | Elkton Elementary | 20 | 100.0% | 100.0% | 0.0% |
| Brookings | George S. Mickelson Middle School | 266 | 91.0% | 90.6% | 1.5% |

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|--|---------------|---------------|---------------|-------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Brookings | Newdale Colony Elementary | <10 | 0.0% | 0.0% | 100.0% |
| Brookings | Norfeld Colony Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Brookings | Red Willow Colony School | 0 | 0.0% | 0.0% | 0.0% |
| Brookings | Rolland Colony Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Brookings | Sioux Valley Middle School | 47 | 95.7% | 95.7% | 4.3% |
| Brookings | Volga Christian Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Brookings County | Total County | 371 | 91.1% | 90.8% | 2.4% |
| Brown | Aberdeen Alternative Learning Center | 0 | 0.0% | 0.0% | 0.0% |
| Brown | Behavioral Care Specialists Learning Center - Aberdeen | 0 | 0.0% | 0.0% | 0.0% |
| Brown | Frederick Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Brown | Groton Area Middle School | 39 | 100.0% | 94.9% | 2.6% |
| Brown | Holgate Middle School | 180 | 98.3% | 98.9% | 1.7% |
| Brown | Huterville Colony | 0 | 0.0% | 0.0% | 0.0% |
| Brown | New Beginnings | 0 | 0.0% | 0.0% | 0.0% |
| Brown | Simmons Middle School | 171 | 100.0% | 100.0% | 0.0% |
| Brown | Warner Middle School | 26 | 100.0% | 100.0% | 0.0% |
| Brown | Aberdeen Christian Elementary | 11 | 63.6% | 63.6% | 36.4% |
| Brown | Huterville Colony Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Brown | Roncalli Elementary | 41 | 95.1% | 97.6% | 4.9% |
| Brown | Trinity Lutheran Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Brown County | Total County | 479 | 98.1% | 98.1% | 2.1% |
| Brule | Chamberlain Elementary | 74 | 98.6% | 97.3% | 4.1% |
| Brule | Grass Ranch Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Brule | Kimball Middle School | 21 | 100.0% | 95.2% | 0.0% |
| Brule | St. Joseph Elementary | 23 | 95.7% | 95.7% | 0.0% |
| Butte | Belle Fourche Middle School | 126 | 93.7% | 92.9% | 6.3% |
| Butte | Newell Middle School | 32 | 100.0% | 100.0% | 0.0% |
| Butte County | Total County | 278 | 96.4% | 95.3% | 4.0% |
| Campbell | Herreid Middle School | <10 | 100.0% | 100.0% | 0.0% |
| Campbell County | Total County | <10 | 100.0% | 100.0% | 0.0% |
| Charles Mix | Andes Central Elementary | 17 | 100.0% | 100.0% | 0.0% |
| Charles Mix | Cedar Grove Colony Elementary | <10 | 83.3% | 83.3% | 16.7% |
| Charles Mix | Lakeview Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Charles Mix | Marty Middle School | 13 | 92.3% | 84.6% | 0.0% |
| Charles Mix | Platte Colony Elementary | <10 | 25.0% | 25.0% | 75.0% |
| Charles Mix | Platte - Geddes Elementary | 36 | 94.4% | 94.4% | 2.8% |
| Charles Mix | Wagner Community Middle School | 71 | 100.0% | 100.0% | 0.0% |
| Charles Mix County | Total County | 150 | 95.3% | 94.7% | 3.3% |
| Clark | Clark Middle School | 17 | 100.0% | 100.0% | 0.0% |
| Clark | Collins Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Clark | Fordham Colony Elementary | <10 | 0.0% | 0.0% | 100.0% |
| Clark | Hillcrest Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Clark | Mayfield Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Clark | Shamrock Colony Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Clark | Silver Lake Colony | <10 | 100.0% | 100.0% | 0.0% |
| Clark | Willow Lake Middle School | 12 | 100.0% | 100.0% | 0.0% |
| Clark County | Total County | 44 | 93.2% | 93.2% | 6.8% |
| Clay | Irene-Wakonda Elementary | 25 | 96.0% | 96.0% | 0.0% |
| Clay | Vermillion Middle School | 98 | 99.0% | 99.0% | 2.0% |
| Clay County | Total County | 123 | 98.4% | 98.4% | 1.6% |
| Codington | Florence Middle School | 18 | 94.4% | 94.4% | 0.0% |
| Codington | Henry Middle School | 19 | 89.5% | 89.5% | 10.5% |
| Codington | Watertown Intermediate School | 300 | 98.0% | 98.0% | 1.7% |
| Codington | Waverly-South Shore Middle School | 23 | 100.0% | 100.0% | 0.0% |
| Codington | Immaculate Conception Elementary | 18 | 100.0% | 100.0% | 0.0% |
| Codington | St. Martins Elementary | 13 | 100.0% | 100.0% | 0.0% |
| Codington | Watertown Christian Elementary | <10 | 57.1% | 57.1% | 0.0% |
| Codington County | Total County | 398 | 97.0% | 97.0% | 1.8% |
| Corson | Little Eagle Grant School | <10 | 100.0% | 100.0% | 0.0% |
| Corson | McIntosh Elementary | 14 | 100.0% | 100.0% | 0.0% |

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|--|--------------|---------------|---------------|-------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Corson | McLaughlin Middle School | 39 | 100.0% | 100.0% | 0.0% |
| Corson | Rock Creek Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Corson | Wakpala Middle School | 13 | 92.3% | 92.3% | 7.7% |
| Corson County | Total County | 80 | 98.8% | 98.8% | 1.3% |
| Custer | Custer Elementary | 55 | 98.2% | 98.2% | 0.0% |
| Custer | Hermosa Elementary | 19 | 100.0% | 100.0% | 0.0% |
| Custer County | Total County | 74 | 98.6% | 98.6% | 4.1% |
| Davison | Behavioral Care Specialists Learning Center - Mitchell | 0 | 0.0% | 0.0% | 0.0% |
| Davison | Ethan Elementary | 25 | 100.0% | 100.0% | 0.0% |
| Davison | Millbrook Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Davison | Mitchell Middle School | 195 | 97.4% | 97.9% | 1.5% |
| Davison | Mount Vernon Middle School | 13 | 92.3% | 92.3% | 0.0% |
| Davison | Rosedale Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Davison | John Paul II Elementary | 24 | 91.7% | 91.7% | 8.3% |
| Davison | Mitchell Christian Middle School | 5 | 80.0% | 80.0% | 20.0% |
| Davison County | Total County | 266 | 96.6% | 97.0% | 2.3% |
| Day | Enemy Swim Day School | 20 | 95.0% | 95.0% | 0.0% |
| Day | Waubay Middle School | 13 | 92.3% | 92.3% | 0.0% |
| Day | Webster Area Middle School | 35 | 97.1% | 100.0% | 2.9% |
| Day County | Total County | 68 | 95.6% | 97.1% | 1.5% |
| Deuel | Deuel Middle School/Jr. High | 35 | 100.0% | 100.0% | 0.0% |
| Deuel County | Total County | 35 | 100.0% | 100.0% | 0.0% |
| Dewey | Cheyenne River BIE Upper Elementary | 96 | 99.0% | 96.9% | 0.0% |
| Dewey | Timber Lake Middle School | 31 | 90.3% | 83.9% | 0.0% |
| Dewey | Tiospaye Topa Elementary | 13 | 92.3% | 92.3% | 0.0% |
| Dewey County | Total County | 44 | 90.9% | 86.4% | 0.0% |
| Douglas | Armour Middle School | 12 | 91.7% | 91.7% | 0.0% |
| Douglas | Clearfield Colony Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Douglas | Greenwood Colony Elementary | <10 | 100.0% | 50.0% | 0.0% |
| Douglas | Dakota Christian Elementary | 11 | 100.0% | 90.9% | 0.0% |
| Douglas County | Total County | 26 | 92.3% | 84.6% | 0.0% |
| Edmunds | Boulder Colony | <10 | 100.0% | 100.0% | 0.0% |
| Edmunds | Bowdle Elementary | 14 | 100.0% | 100.0% | 0.0% |
| Edmunds | Deerfield Colony Elementary | 2 | 100.0% | 100.0% | 0.0% |
| Edmunds | Edmunds Central Elementary | 9 | 100.0% | 100.0% | 0.0% |
| Edmunds | Ipswich Middle School | 32 | 96.9% | 96.9% | 3.1% |
| Edmunds | Pembrook Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Edmunds | Rosette Colony Elementary | <10 | 100.0% | 100.0% | 100.0% |
| Edmunds County | Total County | 60 | 98.3% | 98.3% | 3.3% |
| Fall River | Edgemont Elementary | 11 | 81.8% | 81.8% | 0.0% |
| Fall River | Elk Mountain Elementary - 01 | <10 | 100.0% | 100.0% | 0.0% |
| Fall River | Hot Springs Middle School - 06 | 58 | 86.2% | 86.2% | 1.7% |
| Fall River County | Total County | 70 | 85.7% | 85.7% | 1.4% |
| Faulk | Blumengard Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Faulk | Brentwood Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Faulk | Faulkton Elementary | 12 | 100.0% | 100.0% | 0.0% |
| Faulk | Thunderbird Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Faulk County | Total County | 21 | 100.0% | 100.0% | 0.0% |
| Grant | Big Stone City Middle School | 12 | 83.3% | 83.3% | 16.7% |
| Grant | Grant-Deuel Jr. High | <10 | 85.7% | 85.7% | 14.3% |
| Grant | Milbank Middle School | 63 | 96.8% | 98.4% | 6.3% |
| Grant | St. Lawrence Elementary | 11 | 90.9% | 90.9% | 9.1% |
| Grant County | Total County | 93 | 93.5% | 94.6% | 8.6% |
| Gregory | Burke Elementary | 16 | 93.8% | 93.8% | 6.3% |
| Gregory | Gregory Jr. High | 24 | 87.5% | 83.3% | 0.0% |
| Gregory | South Central Middle School | 12 | 91.7% | 91.7% | 0.0% |
| Gregory County | Total County | 52 | 90.4% | 88.5% | 1.9% |
| Haakon | Big White Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Haakon | Midland Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Haakon | Milesville Elementary | <10 | 100.0% | 100.0% | 0.0% |

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|--------------------------------------|--------------|---------------|---------------|--------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Haakon | Philip Elementary | 22 | 100.0% | 100.0% | 0.0% |
| Haakon | Wall Middle School | 16 | 100.0% | 100.0% | 0.0% |
| Haakon County | Total County | 39 | 100.0% | 100.0% | 0.0% |
| Hamlin | Castlewood Elementary | 16 | 100.0% | 100.0% | 0.0% |
| Hamlin | Claremont Colony Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Hamlin | Estelline Elementary | 19 | 94.7% | 94.7% | 0.0% |
| Hamlin | Hamlin Middle School | 62 | 100.0% | 100.0% | 0.0% |
| Hamlin | Poinsette Valley Colony | 0 | 0.0% | 0.0% | 0.0% |
| Hamlin | Poinsett Colony Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Hamlin County | Total County | 62 | 100.0% | 100.0% | 0.0% |
| Hand | Miller Elementary | 30 | 100.0% | 100.0% | 0.0% |
| Hand | Millerdale Colony Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Hand | Sunshine Bible Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hand County | Total County | 33 | 97.0% | 97.0% | 0.0% |
| Hanson | Bridgewater-Emerly Middle School | 15 | 93.3% | 93.3% | 0.0% |
| Hanson | Hanson Middle School | 35 | 97.1% | 97.1% | 2.9% |
| Hanson | Oaklane Colony Elem | <10 | 66.7% | 33.3% | 66.6% |
| Hanson | Rockport Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hanson County | Total County | 39 | 94.9% | 92.3% | 7.7% |
| Harding | Harding County Middle School-Buffalo | 12 | 0.0% | 75.0% | 0.0% |
| Harding | Ludlow Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Harding County | Total County | 13 | 0.0% | 69.2% | 0.0% |
| Hughes | Georgia Morse Middle School | 208 | 96.6% | 96.6% | 50.0% |
| Hughes | Pierre Indian Elementary | 14 | 92.9% | 100.0% | 0.0% |
| Hughes | For His Glory School | <10 | 100.0% | 100.0% | 0.0% |
| Hughes County | Total County | 227 | 96.5% | 96.9% | 40.0% |
| Hutchinson | Freeman Elementary | 17 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Jamesville Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Maxwell Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Menno Middle School | 22 | 100.0% | 100.0% | 0.0% |
| Hutchinson | New Elm Spring Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Old Elm Spring Colony Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Hutchinson | Our Home | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Parkston Elementary | 42 | 97.6% | 100.0% | 0.0% |
| Hutchinson | Tripp Elementary | 10 | 100.0% | 80.0% | 10.0% |
| Hutchinson | Tschetter Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Wolf Creek Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson | Freeman Academy Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Hutchinson County | Total County | 112 | 99.1% | 98.2% | 0.9% |
| Hyde | Crow Creek Middle School | 28 | 96.4% | 96.4% | 0.0% |
| Hyde | Highmore Elementary | 18 | 100.0% | 100.0% | 0.0% |
| Hyde County | Total County | 46 | 97.8% | 97.8% | 0.0% |
| Jackson | Crazy Horse Elementary | 23 | 82.6% | 82.6% | 0.0% |
| Jackson | Interior Elementary | <10 | 42.9% | 42.9% | 0.0% |
| Jackson | Kadoka Elementary | 15 | 100.0% | 100.0% | 6.7% |
| Jackson | Longvalley Elementary | <10 | 85.7% | 85.7% | 0.0% |
| Jackson County | Total County | 52 | 82.7% | 82.7% | 1.9% |
| Jerauld | Spring Valley Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Jerauld | Wessington Springs Elementary | 17 | 94.1% | 88.2% | 0.0% |
| Jerauld County | Total County | 21 | 94.7% | 89.5% | 0.0% |
| Jones | Jones County Middle School | 15 | 93.3% | 93.3% | 0.0% |
| Jones County | Total County | 15 | 93.3% | 93.3% | 0.0% |
| Kingsbury | Arlington | 16 | 100.0% | 100.0% | 0.0% |
| Kingsbury | De Smet Middle School | 24 | 100.0% | 100.0% | 0.0% |
| Kingsbury | Iroquois Middle School | 23 | 100.0% | 87.0% | 0.0% |
| Kingsbury | Lake Preston Elementary | 11 | 90.9% | 90.9% | 9.1% |
| Kingsbury | Pearl Creek Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Kingsbury County | Total County | 75 | 98.7% | 94.7% | 1.3% |
| Lake | Camridge Colony School | 0 | 0.0% | 0.0% | 0.0% |
| Lake | Chester Middle School | 32 | 93.8% | 96.9% | 6.3% |

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|---|--------------|---------------|---------------|-------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Lake | Gracevale Colony | 0 | 0.0% | 0.0% | 0.0% |
| Lake | Madison Middle School | 88 | 95.5% | 97.7% | 1.1% |
| Lake | Oldham-Ramona Elementary | 13 | 92.3% | 92.3% | 0.0% |
| Lake | Rustic Acres Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Lake | Rutland Jr. High | <10 | 87.5% | 87.5% | 12.5% |
| Lake | Spring Lake Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Lake County | Total County | 145 | 93.1% | 95.2% | 2.8% |
| Lawrence | Lead-Deadwood Middle School | 60 | 93.3% | 96.7% | 0.0% |
| Lawrence | Spearfish Middle School | 193 | 95.9% | 94.3% | 2.6% |
| Lawrence County | Total County | 253 | 95.3% | 94.9% | 2.0% |
| Lincoln | Canton Middle School | 70 | 100.0% | 100.0% | 0.0% |
| Lincoln | Harrisburg South Middle School | 117 | 97.4% | 97.4% | 2.6% |
| Lincoln | Lennox Intermediate | 100 | 99.0% | 99.0% | 1.0% |
| Lincoln | Tea Area Intermediate/Middle School | 125 | 98.4% | 99.2% | 0.0% |
| Lincoln County | Total County | 412 | 98.5% | 98.8% | 1.0% |
| Lyman | Lower Brule Elementary | 17 | 100.0% | 100.0% | 0.0% |
| Lyman | Lyman Middle School | 37 | 97.3% | 97.3% | 2.7% |
| Lyman County | Total County | 54 | 98.1% | 98.1% | 1.9% |
| Marshall | Britton-Hecla Elementary | 33 | 97.0% | 97.0% | 3.0% |
| Marshall | Langford Area Middle School | 17 | 100.0% | 100.0% | 0.0% |
| Marshall | Newport Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Marshall | Sunset Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Marshall | Westwood Rural Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Marshall County | Total County | 60 | 98.3% | 98.3% | 1.7% |
| McCook | Canistota Middle School | 20 | 95.0% | 95.0% | 5.0% |
| McCook | Goldenview Colony School | <10 | 0.0% | 0.0% | 0.0% |
| McCook | McCook Central Middle School | 29 | 75.9% | 72.4% | 13.8% |
| McCook | Montrose Middle School | 17 | 88.2% | 88.2% | 0.0% |
| McCook | Orland Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| McCook | St. Mary's Elementary | <10 | 100.0% | 100.0% | 0.0% |
| McCook County | Total County | 78 | 84.6% | 83.3% | 6.4% |
| McPherson | Eureka Middle School | 11 | 81.8% | 81.8% | 0.0% |
| McPherson | Grassland Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| McPherson | Leola Elementary | 11 | 90.9% | 90.9% | 0.0% |
| McPherson | Long Lake Colony Elementary | 0 | 0.0% | 0.0% | 0.0% |
| McPherson | Spring Creek Colony Elementary | <10 | 0.0% | 0.0% | 100.0% |
| McPherson County | Total County | 25 | 80.0% | 80.0% | 8.0% |
| Meade | Atall Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Meade | Enning/Union Center Elementary | <10 | 75.0% | 75.0% | 0.0% |
| Meade | Faith Elementary | 10 | 100.0% | 100.0% | 0.0% |
| Meade | Hereford Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Meade | Maurine Elementary | <10 | 0.0% | 0.0% | 0.0% |
| Meade | Opal Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Meade | Piedmont Valley Elementary | 79 | 97.5% | 97.5% | 2.5% |
| Meade | Sturgis Williams Middle School | 125 | 92.8% | 95.2% | 1.6% |
| Meade County | Total County | 228 | 94.3% | 95.6% | 1.8% |
| Mellette | White River Middle School | 38 | 86.8% | 84.2% | 0.0% |
| Mellette County | Total County | 38 | 0.0% | 84.2% | 0.0% |
| Miner | Howard Elementary | 41 | 100.0% | 100.0% | 0.0% |
| Miner | Shannon Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Miner County | Total County | 44 | 100.0% | 100.0% | 0.0% |
| Minnehaha | Axtell (Structured, Flex, Success) | 10 | 100.0% | 100.0% | 0.0% |
| Minnehaha | Baltic Middle School | 41 | 100.0% | 100.0% | 0.0% |
| Minnehaha | Behavioral Care Specialists Learning Center - Sioux Falls | 0 | 0.0% | 0.0% | 0.0% |
| Minnehaha | Brandon Valley Intermediate | 327 | 96.6% | 96.0% | 3.1% |
| Minnehaha | Childrens Home Society | 11 | 100.0% | 100.0% | 0.0% |
| Minnehaha | Dell Rapids Middle School | 56 | 98.2% | 98.2% | 1.8% |
| Minnehaha | Edison Middle School | 343 | 95.6% | 95.9% | 2.6% |
| Minnehaha | Garretson Middle School | 39 | 100.0% | 100.0% | 0.0% |
| Minnehaha | George McGovern Middle School | 307 | 98.4% | 98.0% | <1.0% |

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|---|--------------|---------------|---------------|--------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Minnehaha | Harrisburg North Middle School | 197 | 93.9% | 94.4% | 3.0% |
| Minnehaha | JDC | 0 | 0.0% | 0.0% | 0.0% |
| Minnehaha | LifeScape Children's Specialty School | <10 | 85.7% | 85.7% | 14.3% |
| Minnehaha | Memorial Middle School | 456 | 97.8% | 97.6% | 2.0% |
| Minnehaha | Patrick Henry Middle School | 353 | 98.0% | 97.7% | 2.3% |
| Minnehaha | Tri-Valley Elementary | 76 | 96.1% | 96.1% | 2.6% |
| Minnehaha | West Central Middle School | 108 | 99.1% | 99.1% | 0.0% |
| Minnehaha | Whittier Middle School | 340 | 98.8% | 98.8% | 0.9% |
| Minnehaha | Christ the King Elementary | 13 | 100.0% | 100.0% | 0.0% |
| Minnehaha | Holy Spirit Elementary | 40 | 97.5% | 97.5% | 0.0% |
| Minnehaha | McCrossan Boys Ranch Middle School | <10 | 100.0% | 100.0% | 0.0% |
| Minnehaha | Sioux Falls Christian Middle School | 91 | 90.1% | 87.9% | 12.1% |
| Minnehaha | Sioux Falls Lutheran Elementary | <10 | 87.5% | 100.0% | 0.0% |
| Minnehaha | St. Katharine Drexel Elementary | 12 | 100.0% | 100.0% | 0.0% |
| Minnehaha | St. Lambert Elementary | 22 | 100.0% | 100.0% | 0.0% |
| Minnehaha | St. Mary Elementary | 50 | 98.0% | 98.0% | 0.0% |
| Minnehaha | St. Mary's Elementary | 15 | 100.0% | 93.3% | 6.7% |
| Minnehaha | St. Michael Elementary | 29 | 100.0% | 100.0% | 0.0% |
| Minnehaha County | Total County | 2952 | 97.2% | 97.1% | 2.1% |
| Moody | Colman Elementary | 21 | 100.0% | 100.0% | 0.0% |
| Moody | Flandreau Middle School | 57 | 100.0% | 100.0% | 0.0% |
| Moody | Pleasant Valley Colony Elementary | <10 | 100.0% | 0.0% | 100.0% |
| Moody County | Total County | 82 | 100.0% | 95.1% | 4.9% |
| Oglala Lakota | Our Lady of Lourdes Elementary | 15 | 100.0% | 100.0% | 0.0% |
| Oglala Lakota | Red Cloud Elementary | 24 | 100.0% | 100.0% | 0.0% |
| Oglala Lakota | Batesland School | 18 | 33.3% | 38.9% | 0.0% |
| Oglala Lakota | Little Wound Middle School | 50 | 100.0% | 100.0% | 0.0% |
| Oglala Lakota | Pine Ridge Elementary | 43 | 95.3% | 97.7% | 0.0% |
| Oglala Lakota | Porcupine Elementary | 18 | 61.1% | 61.1% | 0.0% |
| Oglala Lakota | Red Shirt School | 11 | 100.0% | 90.9% | 0.0% |
| Oglala Lakota | Wolf Creek School | 58 | 98.3% | 98.3% | 1.7% |
| Oglala Lakota | Wounded Knee Elementary | 13 | 84.6% | 84.6% | 0.0% |
| Oglala Lakota | Isna Wica Owayawa (Loneman School)-no report | | | | |
| Oglala Lakota County | Total County | 250 | 90.4% | 90.8% | 40.0% |
| Pennington | Black Hills Childrens Home | <10 | 80.0% | 80.0% | 20.0% |
| Pennington | Douglas Middle School | 242 | 96.7% | 96.3% | 2.5% |
| Pennington | East Middle School | 219 | 95.0% | 94.1% | 3.2% |
| Pennington | Hill City Middle School | 46 | 95.7% | 95.7% | 4.6% |
| Pennington | New Underwood Elementary | 13 | 100.0% | 100.0% | 0.0% |
| Pennington | North Middle School | 200 | 94.5% | 93.5% | 0.0% |
| Pennington | Rockyford School | 37 | 100.0% | 100.0% | 0.0% |
| Pennington | South Middle School | 241 | 99.2% | 99.2% | 0.8% |
| Pennington | South West Middle School | 219 | 98.6% | 98.6% | 50.0% |
| Pennington | West Middle School | 218 | 95.0% | 95.0% | 3.2% |
| Pennington | Black Hills Lutheran Schools | <10 | 100.0% | 100.0% | 0.0% |
| Pennington | Lakota Woglaka Wounspe | <10 | 100.0% | 100.0% | 0.0% |
| Pennington | Rapid City Christian Middle School | 28 | 89.3% | 89.3% | 0.0% |
| Pennington | St. Paul's Elementary | <10 | 88.9% | 88.9% | 0.0% |
| Pennington | St. Thomas More Middle School | 65 | 96.9% | 96.9% | 3.1% |
| Pennington County | Total County | 1546 | 96.4% | 96.1% | 1.8% |
| Perkins | Bison Elementary | 10 | 100.0% | 100.0% | 0.0% |
| Perkins | Lemmon Elementary | 10 | 100.0% | 100.0% | 0.0% |
| Perkins County | Total County | 20 | 100.0% | 100.0% | 0.0% |
| Potter | Gettysburg Elementary | 20 | 100.0% | 100.0% | 0.0% |
| Potter | Hoven Elementary | 12 | 91.7% | 91.7% | 0.0% |
| Potter County | Total County | 32 | 96.9% | 96.9% | 0.0% |
| Roberts | Rosholt Elementary includes White Rock Colony | 18 | 88.9% | 88.9% | 11.1% |
| Roberts | Sisseton Middle School | 66 | 100.0% | 98.5% | 0.0% |
| Roberts | Summit Elementary | <10 | 87.5% | 87.5% | 0.0% |
| Roberts | Tiospa Zina Middle School | 38 | 100.0% | 100.0% | 0.0% |

| County | School Name | Students | 1-Tdap | 1-Men | Exempt |
|--|--|--------------|---------------|---------------|--------------|
| Total for South Dakota 6th Grade | | 11568 | 95.9% | 95.7% | 1.9% |
| Roberts | Wilmot Jr. High | 16 | 68.8% | 68.8% | 0.0% |
| Roberts County | Total County | 146 | 94.5% | 93.8% | 1.4% |
| Sanborn | Sanborn Central Middle School | 16 | 93.8% | 93.8% | 0.0% |
| Sanborn | Upland Colony Elementary | <10 | 80.0% | 80.0% | 20.0% |
| Sanborn | Woonsocket Elementary | 15 | 93.3% | 86.7% | 0.0% |
| Sanborn County | Total County | 36 | 91.7% | 88.9% | 2.8% |
| Spink | Camrose Colony Elementary | <10 | 50.0% | 50.0% | 0.0% |
| Spink | Clark Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Spink | Doland Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Spink | George S. Mickelson Alternative Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Spink | Glendale Colony Elementary | <10 | 50.0% | 50.0% | 0.0% |
| Spink | Hillside Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Spink | Northwestern Middle School | 18 | 94.4% | 83.3% | 11.1% |
| Spink | Redfield Elementary | 61 | 100.0% | 100.0% | 0.0% |
| Spink | Spink Colony Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Spink County | Total County | 98 | 95.9% | 93.9% | 2.0% |
| Stanley | Stanley County Middle School | 29 | 93.1% | 93.1% | 0.0% |
| Stanley County | Total County | 29 | 93.1% | 93.1% | 0.0% |
| Sully | Onida Elementary | 18 | 100.0% | 94.4% | 0.0% |
| Sully County | Total County | 18 | 100.0% | 94.4% | 0.0% |
| Todd | He Dog Elementary | 13 | 92.3% | 92.3% | 0.0% |
| Todd | Klein Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Todd | Lakeview Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Todd | Littleburg Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Todd | O'Kreek Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Todd | Spring Creek Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Todd | St. Francis Elementary | 45 | 88.9% | 84.4% | 0.0% |
| Todd | Todd County Middle School | 125 | 99.2% | 99.2% | 80.0% |
| Todd | Sapa Un Catholic Academy Elementary | <10 | 100.0% | 100.0% | 0.0% |
| Todd | White Eagle Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Todd County | Total County | 203 | 96.6% | 95.6% | 50.0% |
| Tripp | Colome Middle School | 17 | 88.2% | 94.1% | 0.0% |
| Tripp | Winner Middle School | 51 | 98.0% | 98.0% | 2.0% |
| Tripp | Wood Elementary | 0 | 0.0% | 0.0% | 0.0% |
| Tripp County | Total County | 68 | 95.6% | 97.1% | 1.5% |
| Turner | Cameron Colony Elementary | <10 | 83.3% | 100.0% | 0.0% |
| Turner | Centerville Elementary | 17 | 88.2% | 88.2% | 0.0% |
| Turner | Marion Middle School | 12 | 100.0% | 91.7% | 0.0% |
| Turner | Parker Elementary | 38 | 100.0% | 100.0% | 2.6% |
| Turner | Viborg-Hurley Middle School | 21 | 100.0% | 100.0% | 0.0% |
| Turner County | Total County | 94 | 96.8% | 96.8% | 1.1% |
| Union | Alcester-Hudson Elementary | 19 | 94.7% | 89.5% | 0.0% |
| Union | Beresford Middle School | 60 | 95.0% | 96.7% | 1.7% |
| Union | Dakota Valley Middle School | 102 | 96.1% | 95.1% | 2.9% |
| Union | Elk Point-Jefferson Middle School | 52 | 100.0% | 100.0% | 0.0% |
| Union County | Total County | 233 | 96.6% | 96.1% | 1.7% |
| Walworth | Mobridge Middle School | 46 | 100.0% | 100.0% | 0.0% |
| Walworth | Selby Elementary | 14 | 100.0% | 100.0% | 0.0% |
| Walworth County | Total County | 60 | 100.0% | 100.0% | 0.0% |
| Yankton | Gayville-Volin Elementary | 18 | 100.0% | 94.4% | 5.6% |
| Yankton | Yankton Middle School | 215 | 98.6% | 98.6% | 1.4% |
| Yankton | Sacred Heart Middle School | 29 | 96.6% | 96.6% | 3.4% |
| Yankton County | Total County | 262 | 98.5% | 98.1% | 1.9% |
| Ziebach | Dupree Elementary | 40 | 85.0% | 85.0% | 0.0% |
| Ziebach | Takini Elementary | 14 | 100.0% | 100.0% | 0.0% |
| Ziebach County | Total County | 54 | 88.9% | 88.9% | 0.0% |

*4-DTaP (Diphtheria-Tetanus-Pertussis x4); 4-Polio, 2-MMR (Measles-Mumps-Rubella x2); 2-VAR (Varicella x2) ; 3-HBV(Hepatitis B x3); 2-HAV (Hepatitis A x2); 1-Tdap (Tetanus-Diphtheria-Pertussis); 1-Men (Meningococcal MCV4 x 1); Exempt (medical and religious exemptions).

**For schools with kindergarten and 6th grade classes of less than 10 students, the number has been redacted to <10.

South Dakota Codified Law 13-28-7.1. Immunizations required for admission to school or early childhood program--Exceptions--Rules. Any child entering school or an early childhood program in this state, shall, prior to admission, be required to present to the appropriate school authorities certification from a licensed physician that the child has received or is in the process of receiving adequate immunization against polio-myelitis, diphtheria, pertussis, rubeola, rubella, mumps, tetanus, meningitis, and varicella, according to recommendations provided by the Department of Health. The Department of Health may modify or delete any of the required immunizations. As an alternative to the requirement for a physician certification, the child may present: (1) Certification from a licensed physician stating the physical condition of the child would be such that immunization would endanger the life or health; or (2) A written statement signed by one parent or guardian that the child is an adherent to a religious doctrine whose teachings are opposed to such immunization. The Department of Health may promulgate reasonable rules, pursuant to chapter 1-26, to require compliance and documentation of adequate immunization, to define appropriate certification, and to specify standard procedure.

Source: SL 1971, ch 141; SL 1972, ch 97; SL 1978, ch 114; SL 1992, ch 129; SL 2000, ch 83, § 1; SL 2005, ch 101, § 1; SL 2016, ch 90, § 1.

http://www.sdlegislature.gov/statutes/Codified_laws/DisplayStatute.aspx?Statute=13-28-7.1&Type=Statute



Epidemiological Profile of Carbapenem-resistant *Enterobacteriaceae* (CRE) — South Dakota, 2013-2016



2013-2016 CRE Epidemiological Profile authors
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Office of Disease Prevention Services

South Dakota Department of Health

<http://doh.sd.gov/diseases/hai/>



SUMMARY

Background

CRE, which stands for Carbapenem-resistant *Enterobacteriaceae*, are a family of germs that are difficult to treat because they have high levels of resistance to carbapenems. CRE are an important emerging threat to public health due to limited treatment options for patients infected with them.

Carbapenem resistance among *Enterobacteriaceae* can be due to several different mechanisms. Some CRE possess a β -lactamase [e.g., AmpC or extended spectrum β -lactamase (ESBL)] which, when combined with porin mutations, can render an organism nonsusceptible to carbapenems. Some CRE possess a carbapenemase (carbapenemase-producing CRE or CP-CRE) that directly breaks down carbapenems. Carbapenemases are often contained on mobile genetic elements that facilitate the transfer of resistance among *Enterobacteriaceae* and other gram-negative organisms. CP-CRE were first identified in the United States from an isolate collected in 1996 and have disseminated widely since that time. Much of the increase in CRE since 2000 has been due to the spread of CRE that produce the carbapenemase *Klebsiella pneumoniae* Carbapenemase (KPC). In addition to KPC, several other types of carbapenemases have been identified in the United States since 2009.

Until recently carbapenems have been successfully used for the treatment of infections caused by *Enterobacteriaceae*, including those producing extended-spectrum beta-lactamases.

However, carbapenemases confer resistance to broad-spectrum antibiotics, usually including carbapenems, and therefore, the majority of carbapenemase-producing *Enterobacteriaceae* are carbapenem resistant (CRE)¹. According to recent data from the Centers for Disease Control and Prevention in the United States, the percentage of CRE increased from 1.2% in 2001 to 4.2% in 2011². The highest increase in proportion, from 1.6% to 10.4%, was observed for *Klebsiella spp.* during the same period³.

In studies evaluating risk factors for CRE acquisition or infection, exposure to health care and antimicrobials are among the most prominent risks³. Invasive infections with carbapenem-resistant *K. pneumoniae* (CRKP)—likely primarily KPC-producers—were independently associated with recent organ or stem-cell transplantation, receipt of mechanical ventilation, exposure to antimicrobials, and longer length of stay when compared with patients with carbapenem-susceptible *K. pneumoniae* (CSKP)³. Other risk factors associated with the acquisition of CRKP include poor functional status, intensive care unit (ICU) stay, and use of several classes of antimicrobials including carbapenems, cephalosporins, fluoroquinolones, and vancomycin³.

In 2013 South Dakota experienced an outbreak of CRE in the northeast region of the state. This outbreak prompted the South Dakota Department of Health (SD DOH) to initiate activities to limit the spread and development of CRE. Those activities included:

- Adding CRE to the reportable diseases list. This activity allowed SD DOH to monitor CRE prevalence in the state and identify basic epidemiologic characteristics of CRE positive cases.
- Creating an electronic database of CRE positive cases with variables of interest.
- Initiating an antimicrobial stewardship program to lower pressure exercised by antibiotics to limit development of CRE and other multi-drug resistant organisms (MDROs) in a community.
- Developing close regional partnerships and providing communication and technical assistance to healthcare facilities on case management and screening protocols of patients.
- Training infection preventionists on appropriate care for patients with CRE.

The current epidemiologic profile is a summary of reported CRE cases to the SD DOH during 2013-2016. The report summarizes major characteristics of isolates as well as characteristics of infected/colonized patients in South Dakota. The intent of this document is to help South Dakota clinicians and public health professionals understand the epidemiology of CRE cases.

CRE Definition

During the reporting period two case definitions have been used:

1. Before 2015 the CDC CRE definition (nonsusceptible to imipenem, meropenem, or doripenem, AND resistant to all third-generation cephalosporins tested) was designed to be more specific for CP-CRE; however, it has proven to be complicated, difficult to implement, and has been found to miss some CP-CRE.
2. In January 2015, CDC modified the surveillance definition for CRE to the current definition (resistant to imipenem, meropenem, doripenem, or ertapenem OR documentation that the isolate possess a carbapenemase).

Problematic issues in CRE surveillance

Surveillance of CRE in South Dakota faced the following challenges during the reporting period:

- Differentiating colonized cases from infections and ascertaining the epidemiologic and public health importance of colonizations.
- Problematic and complicated case definitions with changing minimal inhibitory concentrations (MIC) limits that have not been adopted by all laboratories in the state.
- Varied screening protocols in affected facilities. No clear directions exist on the frequency and duration of screening as well as when to initiate screening.
- Communication between facilities and CRE case management.
- Duration of shedding organism and requirements of contact precautions for healthcare personnel handling CRE positive cases.

Results

The analysis covered 145 CRE cases reported to the SD DOH during 2013-2016 calendar years (cumulative incidence rate for 4 years: 16.9 per 100,000 population). Seventy five (52%) were female and the median age was 68 (range 0-95 years). American Indians (AIs) accounted for 28 (19%) cases while the majority, 114 (79%) were white. One hundred and fourteen patients (79%) had no previous CRE history indicated, while 31 (21%) had a previous history of CRE infection or colonization.

Eighty two specimens (57%) were obtained from hospitalized patients and 63 (43%) from non-hospitalized patients. The number of cases increased beginning in 2013. All reported cases were residents of SD.

Figure 1. Number of CRE cases reported to the SDDOH by year — South Dakota, 2013-2016

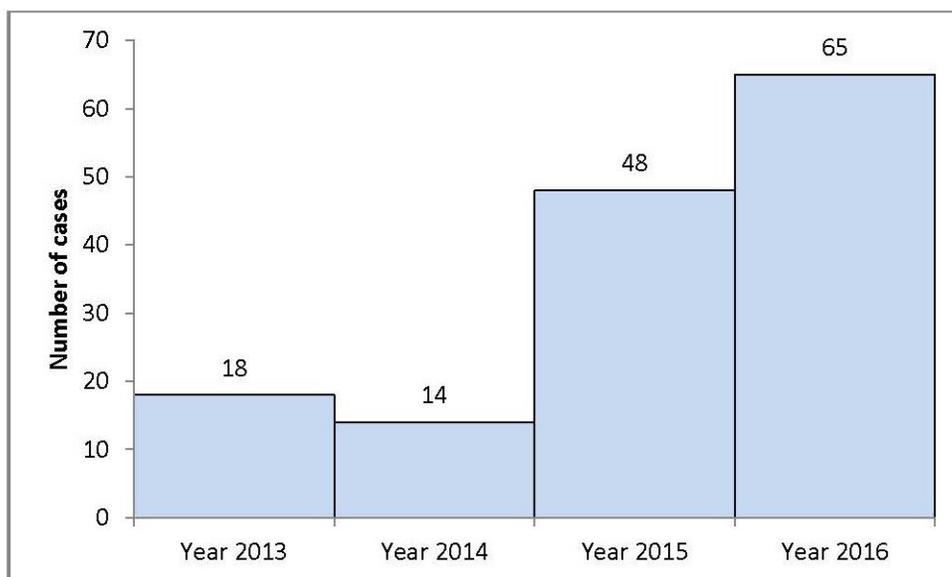
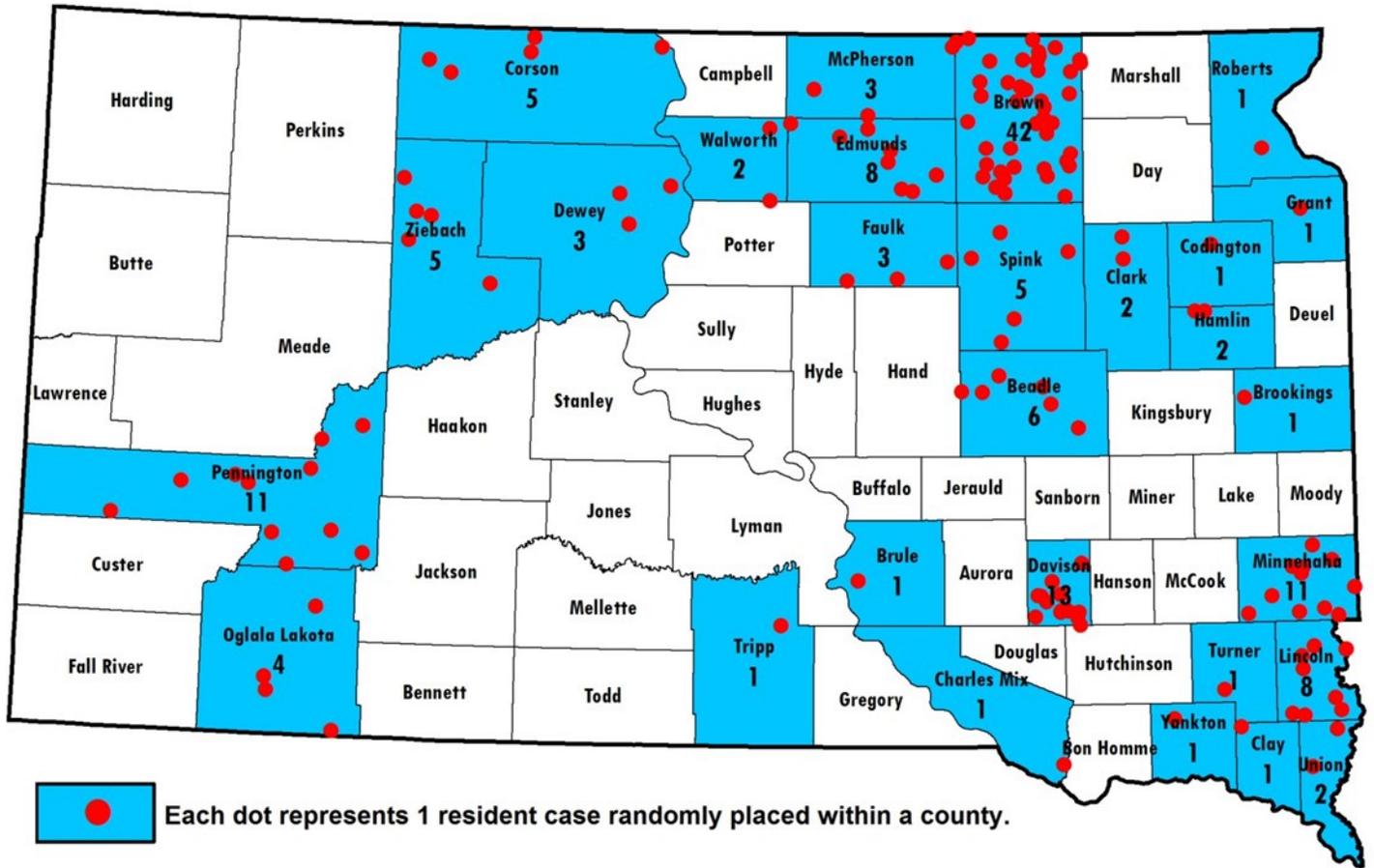
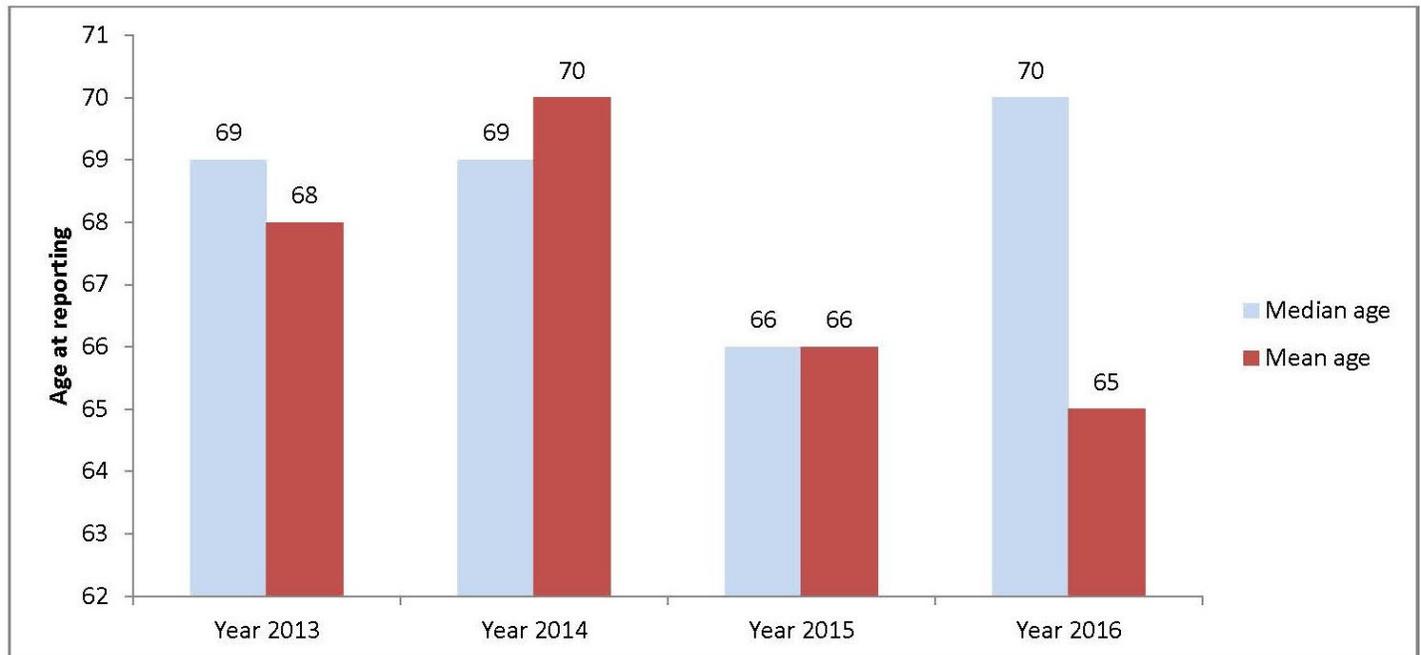


Figure 2. Cumulative number of reported CRE cases to SD DOH — South Dakota, 2013-2016



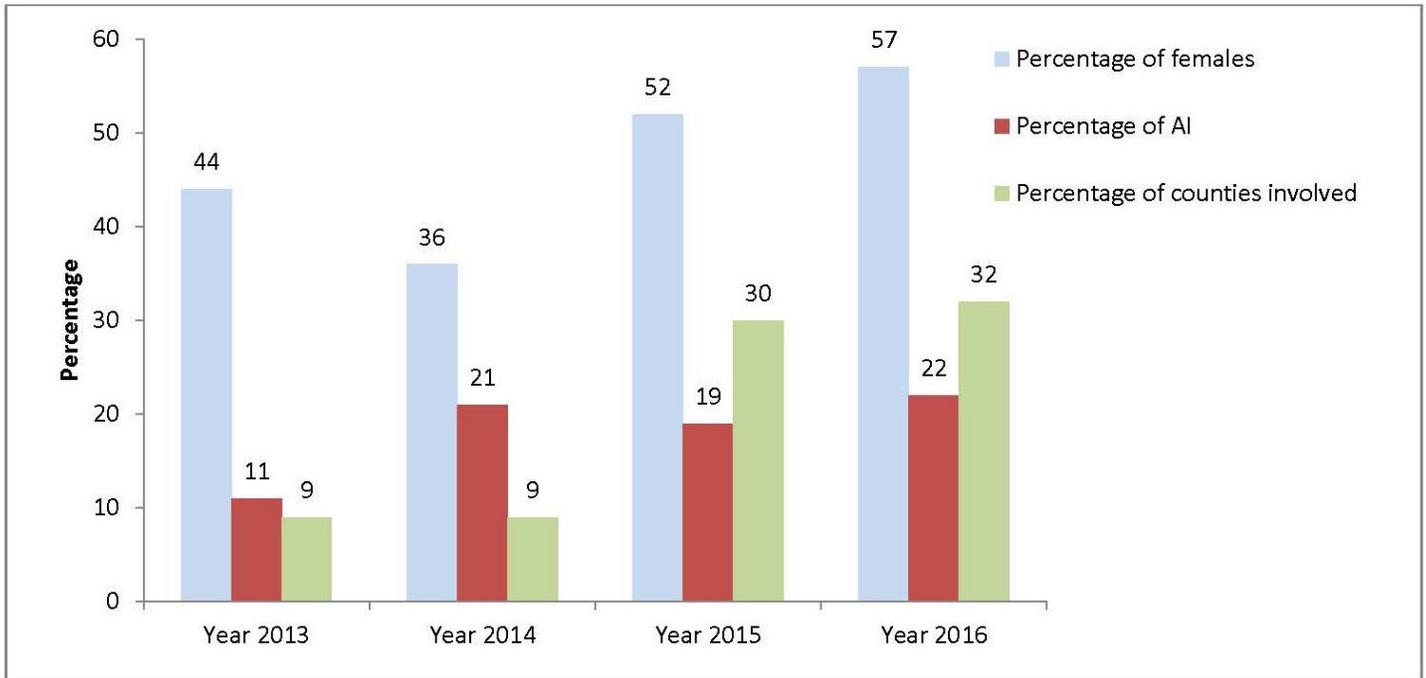
Cases were not stratified by age group because the median age of cases was 68 years. Rather, median and mean ages were presented by year. Figure 3 below indicates that in 2016 younger patients were identified as opposed to previous years (the difference between median and mean is 5 years). The mean age is affected by the influx of younger patients.

Figure 3. Patient's age at reporting by year — South Dakota, 2013-2016



Frequency of females, AIs and counties of residence became more uniform with years and closely reflected current South Dakota population characteristics. That might indicate increased prevalence of CRE affecting increasing number of all segments of South Dakota population.

Figure 4. Percentage of females, AIs, and counties involved based on the patient’s county of residence by year of reporting — South Dakota, 2013-2016



The majority of isolates were obtained at hospitals (57%) and clinics (23%). However long- term care facilities accounted for 8% and 12% of isolates respectively.

During 2013-2015 eighty cases of CRE were reported. Those cases came from two different sources: 1) Rectal swab (as part of a screening process) and 2) As a culture obtained from urine, wound, tissue, etc. The second segment of CRE positive cases were further stratified as “infections” (symptomatic patients) or “colonizations” (non-symptomatic patients). Overall, rectal swabs and colonizations (asymptomatic cases) made up 31% of total number (25 cases) and were later classified as “colonizations”, while symptomatic CRE cases accounted for 69% (55 cases) and were later classified as “CRE infections”.

This protocol has been modified in 2016. In 2016 a total of 65 cases have been reported. Those cases were classified as “colonizations” if they were coming from a rectal swab performed as part of the active screening process (7 cases, 11%) or “CRE cases”. The latter category included cases coming from all other sources regardless of their symptomatology (58 cases, 89%).

Initially South Dakota initiated screening of patients in an attempt to halt a regional outbreak. Later county incidence rate or outbreak in a county determined whether or not a facility introduced screening using predetermined screening criteria.

The most frequent site of CRE isolation among symptomatic patients was urine (62%) and sputum (13%). Site variations indicate the presence of CRE in other anatomical locations as well.

Table 1. Site of CRE isolation among infected (symptomatic) patients — South Dakota, 2013- 2016.

| Site of a specimen collection | Frequency (%) |
|----------------------------------|---------------|
| Blood | 1 (1) |
| Non-surgical wound | 7 (6) |
| Abdominal Cavity | 2 (2) |
| Intra-abdominal abscess | 1 (1) |
| Peritoneal fluid | 1 (1) |
| Sputum | 15 (13) |
| Surgical wound | 10 (9) |
| Non-surgical wound | 1 (1) |
| Tracheal/broncho-alveolar lavage | 4 (4) |
| Urine | 70 (62) |
| Gallbladder | 1 (1) |

Table 2. Site of CRE isolation among all patients — South Dakota, 2013-2016

| Site of a specimen collection | Frequency (%) |
|----------------------------------|---------------|
| Blood | 1 (1) |
| Non-surgical wound | 7 (5) |
| Other - Abdominal cavity | 2 (1) |
| Other - intra-abdominal abscess | 1 (1) |
| Rectal swab | 19 (13) |
| Peritoneal fluid | 1 (1) |
| Sputum | 15 (10) |
| Surgical wound | 10 (7) |
| Tissue (undetermined) | 1 (1) |
| Tracheal/broncho-alveolar lavage | 4 (3) |
| Urine | 83 (57) |
| Gallbladder | 1 (1) |
| Total | 145 |

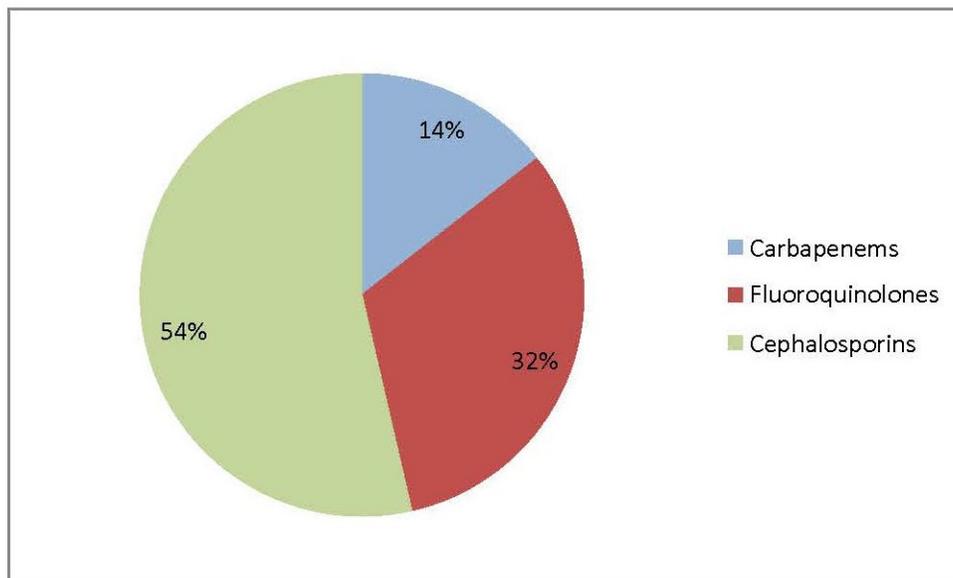
A history of receiving medical care outside of the U.S. within 6 months prior to diagnosis was known in 115 cases and all denied receiving medical care outside of the US. This finding underscores the fact that CRE in South Dakota is part of a US epidemic and not brought from elsewhere.

Among 119 patients whose previous medical history was known, 49 (41%) were hospitalized during the previous 12 months, 38 (32%) had a surgery, 18 (15%) had a history of an ICU stay, and 29 (24%) had a scope procedure (bronchoscopy, endoscopy, colonoscopy, cystoscopy) during the previous 12 months. The difference in those metrics was not statistically significant among different racial groups. The dataset does not include a reference group; therefore, it is problematic to draw conclusions based on cases only without taking into account a control population. However, consistent with the national profile, a high rate of medical procedures within a year prior to CRE diagnosis makes medical procedures and hospitalization a probable risk-factor of acquiring CRE. Another possibility could be the patient exposure to a long-term care facility. Sixty two patients (53%) reported a history of living in a long-term care facility within the preceding twelve months.

Among the patients that tested positive from urine (83 patients), 19 of those (23%) had an indwelling catheter at the time of specimen collection. Interestingly, among those patients where a specimen was obtained from other sites (62 cases), 15 (24%) patients had a urinary catheter in place, suggesting possible cross-contamination of other anatomical sites and a urinary catheter as a possible risk-factor for other locations.

Antibiotic exposure is one of the biggest risk-factors for creating multidrug-resistant organisms⁵. Seventy two patients (50%) reported exposure to cephalosporins, carbapenems, fluoroquinolones or combination of those three antibiotics three months prior to testing positive for CRE.

Figure 5. Exposure to commonly used broad spectrum antibiotics 3 months prior to testing positive for CRE — South Dakota, 2013-2016



Laboratory results

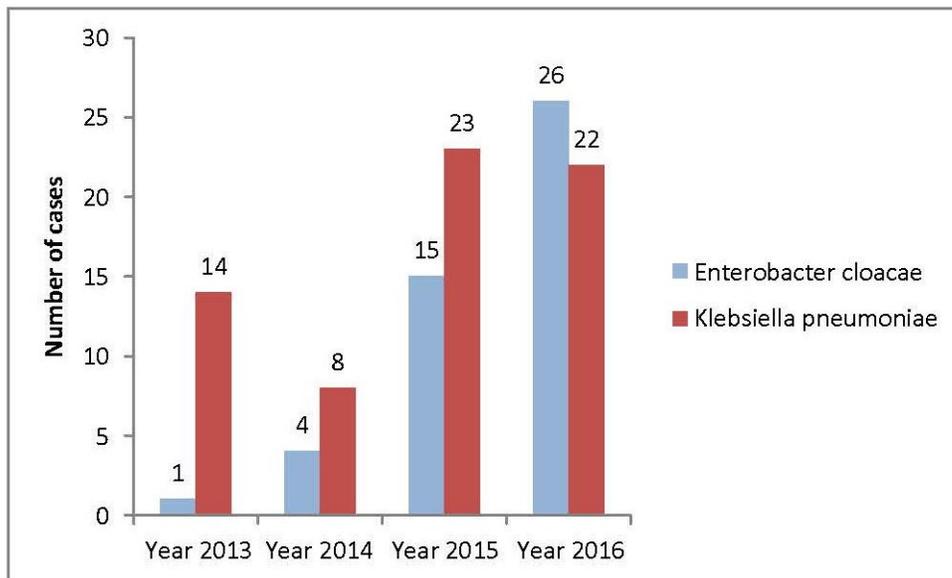
The most commonly cultured CRE was *Klebsiella pneumoniae* followed by *Enterobacter cloacae*.

Table 3. Genus and species of CRE isolates — South Dakota, 2013-2016

| Genus and species | Number of isolates (%) |
|----------------------------------|------------------------|
| <i>Enterobacter aerogenes</i> | 9 (6) |
| <i>Acinetobacter baumannii</i> | 1 (1) |
| <i>Enterobacter cancerogenus</i> | 1 (1) |
| <i>Enterobacter cloacae</i> | 46 (32) |
| <i>Escherichia coli</i> | 9 (6) |
| <i>Citrobacter freundii</i> | 2 (1) |
| <i>Citrobacter koseri</i> | 1 (1) |
| <i>Serratia marcescens</i> | 3 (2) |
| <i>Proteus mirabilis</i> | 1 (1) |
| <i>Klebsiella oxytoca</i> | 1 (1) |
| <i>Klebsiella pneumoniae</i> | 67 (46) |
| <i>Citrobacter spp</i> | 1 (1) |
| <i>Citrobacter youngae</i> | 1 (1) |
| Unknown | 2 (1) |
| Total | 145 |

The number of *Klebsiella pneumoniae* isolates was relatively stable across the years while the number of reported *Enterobacter cloacae* was dramatically increased.

Figure 6. Reported *Klebsiella pneumoniae* and *Enterobacter cloacae* cases by year of reporting South Dakota, 2013-2016



PCR test was used in 55 cases. Among those 47 (85%) were positive and 8 (15%) were negative.

Modified Hodge test was used in 55 cases. Among those 23 (42%) were positive and 32 (58%) were negative. Among all isolates tested (83 in total), 49 (59%) were carbapenemase producers and 34 (41%) non-producers. Among those that have been tested for carbapenemase, the highest rate (69%) of carbapenemase production was observed among *Klebsiella pneumoniae* strains (34 out of total 49 positive isolates).

History of having a MDRO in the past was available for 135 (93%) patients. Among those, 63 (47%) had a history of a previous MDRO infection. Among those 63 patients, 19 (35%) have tested positive for ESBL (Extended-spectrum beta-lactamases), 19 (35%) for MRSA (Methicillin-resistant *Staphylococcus aureus*), 9 (16%) for VRE (Vancomycin-resistant enterococci), and 8 (15%) for other MDROs cultured.

Limitations

The current report has several limitations:

- Information is unavailable on case-control studies that might uncover potential risk-factors of CRE in the state. High frequency of exposure to antibiotics, indwelling catheters, and common medical procedures warrants case-control studies in the future.
- Changes in case definition might create a problem in comparing the data across several years.
- Making CRE a reportable condition in 2013 may have created an artifact in surveillance, resulting in a higher number of cases reported.

Conclusions

- CRE is becoming more common and widespread. There are several indications of this statement based on the presented data:
 - The most frequent site of CRE isolation among symptomatic patients was urine (62%) and sputum (13%). However, a wide variety of sites indicates that CRE is no longer concentrated in specific locations.
 - A wide variety of isolated organisms indicates an involvement in multiple genus and species. However old reports describe *Enterobacter spp.* and *Klebsiella pneumoniae* as the only CREs isolated (in 1986-1990 and 2004 – 2008 respectively)⁶.
 - The number of affected counties is increased and the mean age of patients is decreased indicating that younger patients are acquiring CRE.
- Another explanation of the findings may be an artifact of the surveillance system. In 2013 SDDOH made CRE a reportable condition, allowing collection of data on cases that previously remained unknown. The new reporting requirement potentially increased the number of reported cases over time and increased variety of CRE presentations described above.

- American Indians were disproportionately affected. However potential risk factors such as hospitalizations during the previous year, ICU, surgeries, and scope procedures did not differ significantly between American Indians and whites.
- Sixty-three (47%) of patients had a history of MDRO other than CRE infection in the past and 72 (50%) reported exposure to commonly used broad-spectrum antibiotics. This highlight suggests a systemic problem of antibiotic overutilization and underscores the urgent need for antimicrobial stewardship programs statewide.
- High frequency of catheter use among patients alludes to catheters as a potential source of introduction and contamination of the environment with CRE.
- The absence of patients in the dataset reporting medical care outside of the U.S. indicates a domestic rather than imported problem in South Dakota.

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HPV and Cancer in South Dakota

By the South Dakota Cancer Registry, South Dakota Department of Health

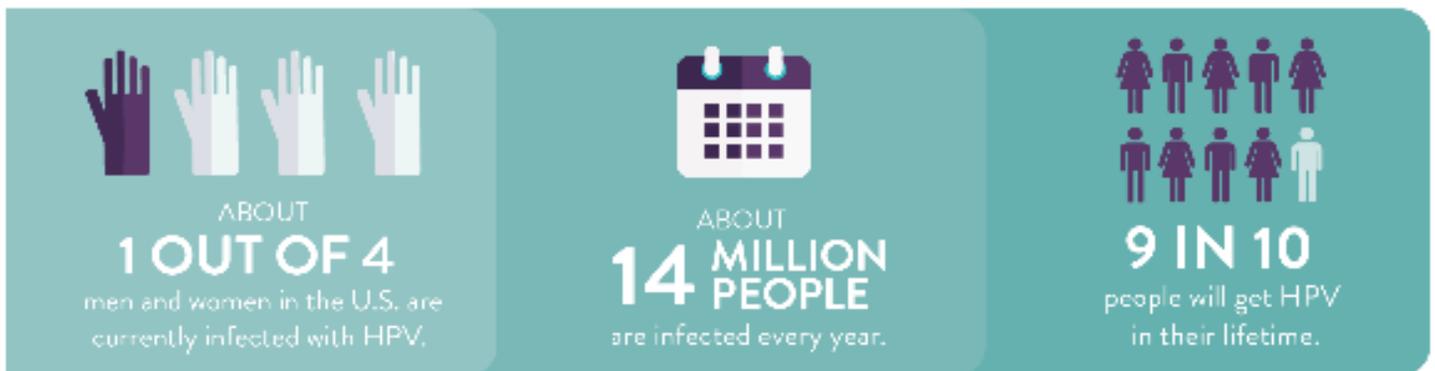
Human papillomavirus (HPV) is a very common virus; nearly 80 million people—about one in four—are currently infected in the United States. Most HPV infections (9 out of 10) go away by themselves within two years. But, sometimes, HPV infections will last longer, and can cause certain cancers and other diseases. HPV cancers include cancer of the cervix, vulva, vagina, penis, or anus. HPV infection can also cause cancer in the back of the throat, including the base of the tongue and tonsils. Every year in the United States, HPV causes 30,700 cancers in men and women. HPV vaccination can prevent most of these cancers, about 28,000, from occurring.¹

Gardasil-9 is the only HPV vaccine available in the United States. Gardasil-9 prevents infection with HPV types that are associated with many cancers, including: cervical, vaginal and vulvar cancers in females, anal and throat cancer in females and males, and penile cancer in males. In addition, HPV vaccine prevents infection with HPV types that cause genital warts in both females and males.²

Adolescent males and females age 11 or 12 years old should get two shots of HPV vaccine six to twelve months apart. Adolescents who receive their two shots less than five months apart will require a third dose of HPV vaccine. Teens and young adults who start the series at ages 15 through 26 years will need three doses of HPV vaccine to protect against cancer-causing HPV infections.¹

Gardasil-9 is available to eligible adolescents through the Vaccines for Children Program. To learn more about the VFC program visit: <https://doh.sd.gov/family/childhood/immunization/>.

HPV VACCINE IS CANCER PREVENTION



Incidence

More than 7.5% of all cancers diagnosed in South Dakota from 2001 to 2014 were in a primary site that may have been caused by HPV. According to CDC estimates, the following percentages of cancer are caused by HPV in the U.S.

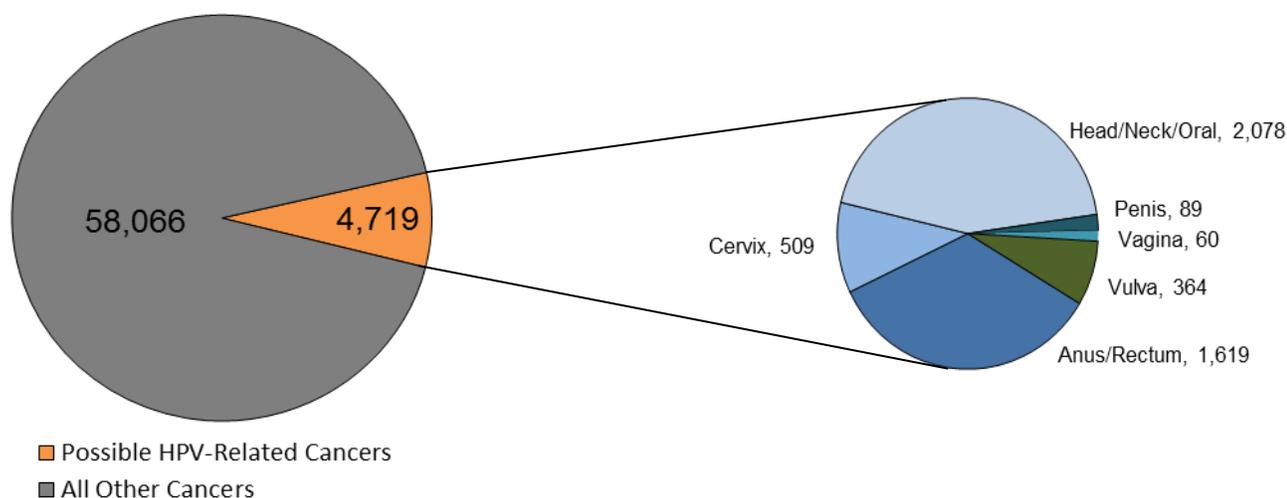
- 91% Anus/Rectum
- 91% Cervix
- 70% Head/Neck/Oral
- 63% Penis
- 75% Vagina
- 69% Vulva

Applying these same percentages to cancers diagnosed in South Dakota shows that if HPV were prevented then significant numbers of cancer diagnoses would be prevented.

¹<https://www.cdc.gov/hpv/parents/vaccine.html>

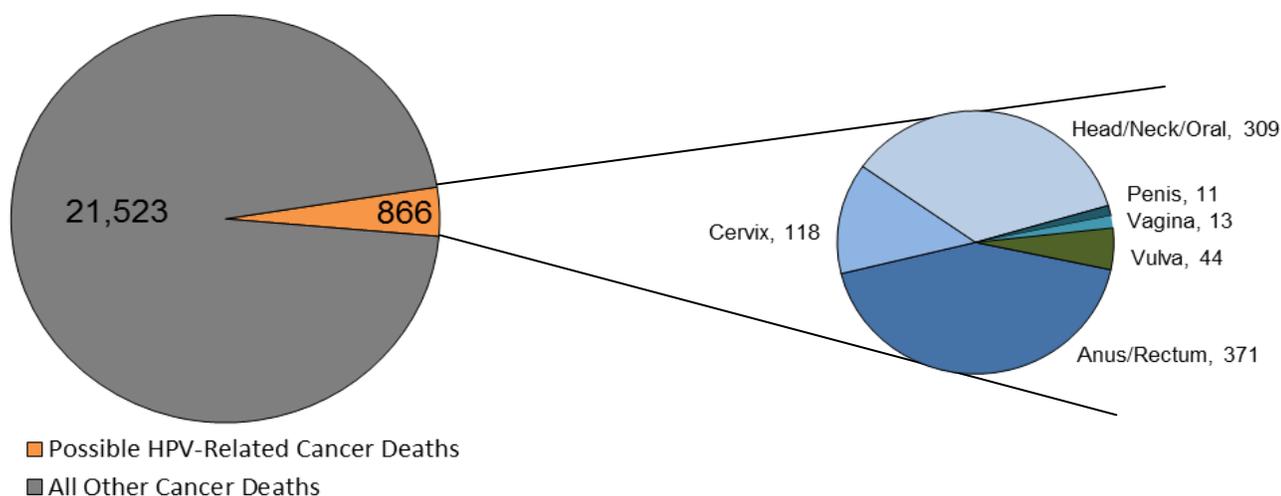
²<http://www.who.int/mediacentre/factsheets/fs380/en/>

Cancers Diagnosed in South Dakota, 2001-2014



Source: South Dakota Department of Health

Mortality Cancer Deaths in South Dakota, 2001-2014



Source: South Dakota Department of Health

Four percent of the total cancer deaths in South Dakota in 2001-2014 were from HPV-associated cancers. HPV vaccination saves lives in South Dakota. Get vaccinated today.

For additional information, please contact Kay Dosch, SD Cancer Registry Coordinator, at 605-773-6345 or 800-592-1861 or see the website at <http://getscreened.sd.gov/registry/> for the entire HPV and cancer monograph.

South Dakota Strategic Plan 2015-2020—Access to Preventive Care

Increase the percent of South Dakota adults who have visited a doctor for a routine check-up within the past 2 years from 80.1% in 2014 to 90% by 2020

| South Dakota Percent | South Dakota 2020 Target | U.S. Percent |
|----------------------|--------------------------|-----------------|
| 81.7% (2015) | 90% | 82.8% (2014) |

Significance:

Regular health exams and tests can help find problems before they start. They may also help identify problems early, when the chances for treatment and cure are better. By receiving the right health services, screenings, and treatments, individuals are taking steps that improve their chances for living a longer, healthier life. Age, health, family history, lifestyle choices (i.e., diet, physical activity, smoking), and other important factors impact what and how often an individual needs healthcare.

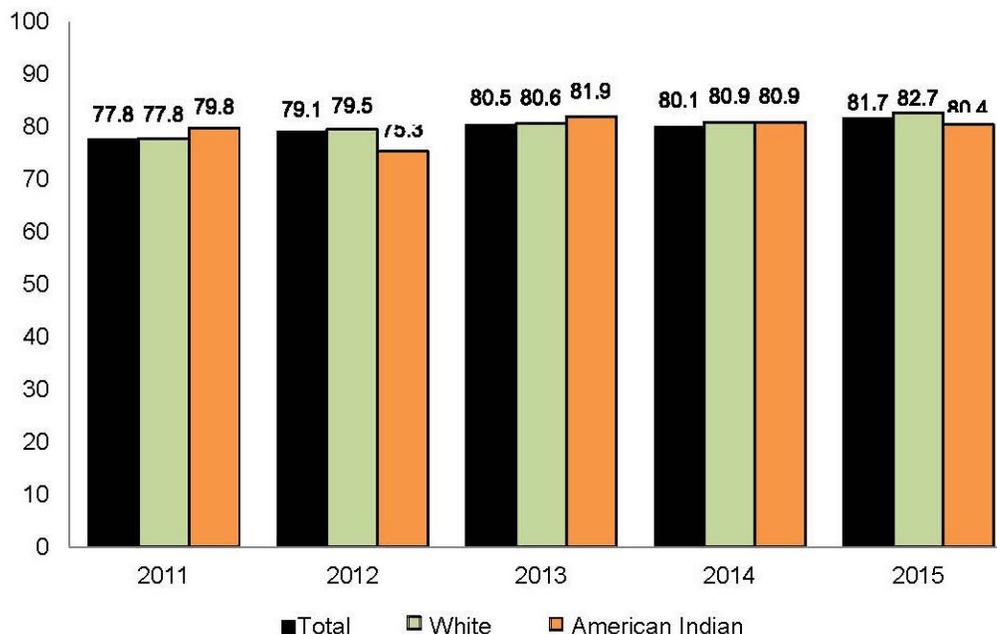
A routine check-up is a good step to staying healthy and developing a relationship with a healthcare provider. It is important to have a regular healthcare provider who can recommend and encourage patients to receive preventive health screenings such as mammograms, clinical breast exams, colorectal cancer screening, and pap smears. Routine check-ups also help establish a line of communication and that in turn helps to build trust with the healthcare providers who are typically the gatekeepers to healthcare services for their patients.

Definition: Percent of adults who visited a doctor for a routine check-up in the past 2 years

Data Source: Behavioral Risk Factor Surveillance System (BRFSS)

Statistical Trend

Percent of Adults Who Visited a Doctor for a Routine Check-up in the Past 2 Years



Date Last Updated: 10/13/2016

For more information see the Department of Health's strategic plan website at <http://doh.sd.gov/strategicplan/>.

South Dakota Department of Health – Infectious Disease Surveillance

Selected Morbidity Report, 1 January – 30 April 2017

(provisional numbers) see <http://doh.sd.gov/statistics/surveillance/>

| | Disease | 2017 year-to-date | 5-year median | Percent change |
|---|---|--------------------------|----------------------|-----------------------|
| Vaccine-Preventable Diseases | Diphtheria | 0 | 0 | n/a |
| | Tetanus | 0 | 0 | n/a |
| | Pertussis | 1 | 6 | -83% |
| | Poliomyelitis | 0 | 0 | n/a |
| | Measles | 0 | 0 | n/a |
| | Mumps | 0 | 0 | n/a |
| | Rubella | 0 | 0 | n/a |
| | <i>Haemophilus influenza</i> (invasive) all types | 8 | 0 | n/a |
| Sexually Transmitted Infections and Blood-borne Diseases | HIV infection | 15 | 9 | +67% |
| | Hepatitis B, acute | 0 | 0 | 0% |
| | Chlamydia | 1485 | 1403 | +6% |
| | Gonorrhea | 372 | 281 | +32% |
| | Syphilis, early | 19 | 12 | +58% |
| Tuberculosis | Tuberculosis | 8 | 4 | +100% |
| Invasive Bacterial Disease | Meningococcal, invasive | 0 | 0 | 0% |
| | Strep. Pneumo., invasive | 24 | 19 | +26% |
| Enteric Diseases | <i>E. coli</i> , Shiga toxin-producing | 16 | 10 | +60% |
| | Campylobacteriosis | 82 | 54 | +52% |
| | Salmonellosis | 57 | 55 | +4% |
| | Shigellosis | 5 | 7 | -29% |
| | Giardiasis | 30 | 31 | -3% |
| | Cryptosporidiosis | 33 | 31 | +6% |
| | Hepatitis A | 0 | 0 | n/a |
| Vector-borne Diseases | Animal Rabies | 7 | 9 | -22% |
| | Tularemia | 0 | 0 | n/a |
| | Rocky Mountain Spotted Fever | 1 | 0 | 0% |
| | Malaria (imported) | 1 | 0 | n/a |
| | Hantavirus Pulmonary Syndrome | 0 | 0 | 0% |
| | Lyme disease | 0 | 0 | 0% |
| | West Nile Virus disease | 0 | 0 | 0% |
| Other Diseases | Legionellosis | 3 | 30 | 90% |
| | Zika | 0 | 0 | n/a |
| | Additional reports include: Chicken Pox (8); Coccidioidomycosis (3); CRE (17); Hep B, chronic (20); Hep C (194); MRSA, invasive (39); Q fever (1); Vibriosis (3). | | | |

Communicable diseases are obligatorily reportable by physicians, hospitals, laboratories, and institutions. The **Reportable Diseases List** is found at <http://doh.sd.gov/diseases/infectious/reporting-communicable-diseases.aspx> or upon request. Diseases are reportable by telephone, fax, mail, website, or courier.

Secure website: www.state.sd.us/doh/diseasereport

Telephones: 24 hour answering device 1-800-592-1804; for a live person at any time call 1-800-592-1861; after hours emergency 605-280-4810.

Fax 605-773-5509.

Mail in a sealed envelope addressed to the DOH, Office of Disease Prevention, 615 E. 4th Street, Pierre, SD 57501, marked "Confidential Medical Report".