



**Proposed School Locations  
for the state of South Dakota  
United States of America**

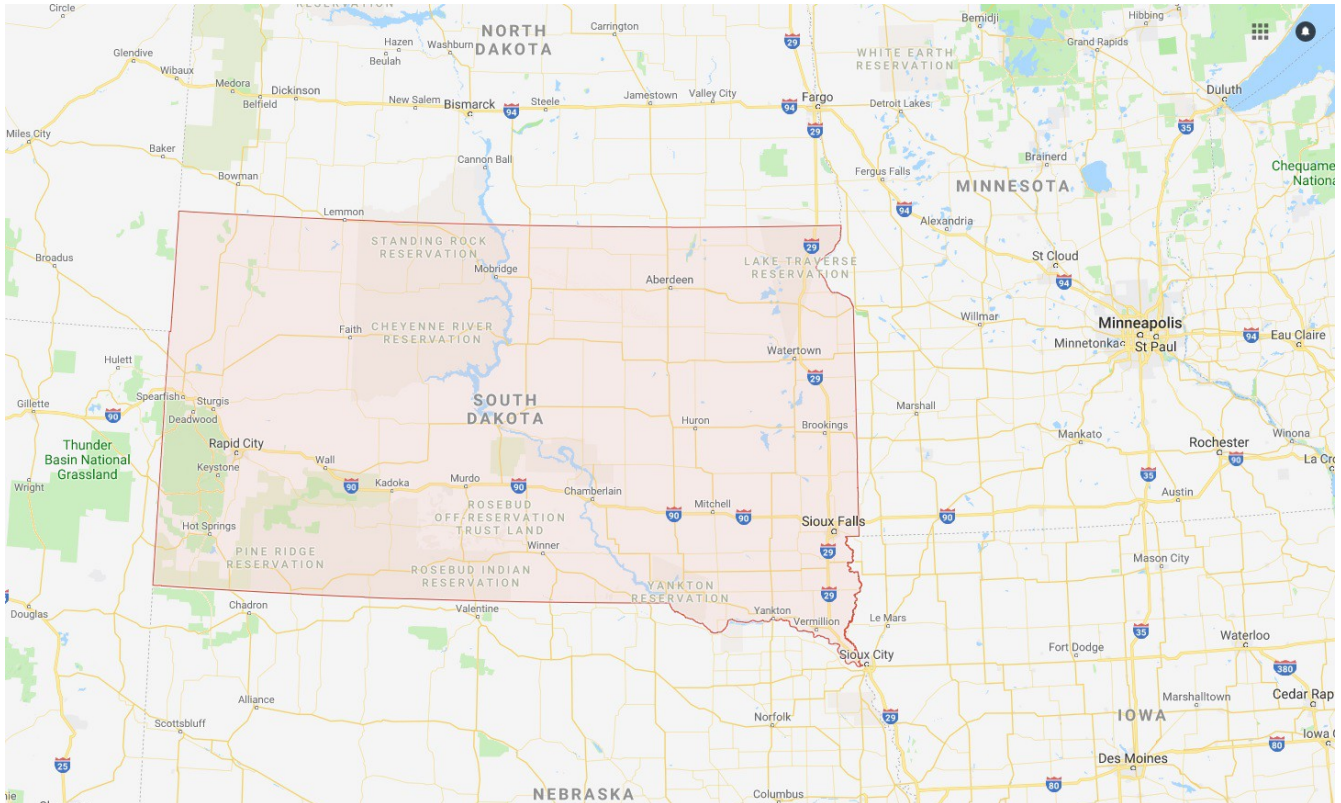
**August 2018**

**for Silver Wolf Wushu**

**using SAITO software version 2.2.7.0 08/17/2018**

# Geography

Our SAITO software views South Dakota as a rectangle 350 miles wide (east to west) and two hundred miles high (north to south). Inside SAITO we have embodied a dislike for obliging people, with or without disabilities, to travel long distances, so the size of South Dakota and the seasonal severity of the weather imposes some constraints on the solution.



Although there are school districts in the United States that allow students to be transported across county and even state boundaries SAITO treats states and provinces in isolation. This means any possible schools in, for example, Bismarck in North Dakota, Minneapolis in Minnesota, Des Moines in Iowa, Gillette in Wyoming and so on would be ignored.

South Dakota is home to several large First Peoples administrative areas. For those populations we are not knowledgeable about the frequencies of the 1400 genes we currently find of interest. Nor do we have any knowledge about education code specifically or special needs generally for those populations.

# Demographics

We believe the state population is about 878,000 and that it has been growing at about 1% per year. The larger cities and towns are

Sioux Falls	176,888
Rapid City	74,421
Aberdeen	28,388
Brookings	23,938
Watertown	22,222

It has NOT been established that the medical conditions we find of interest are uniformly distributed, so South Dakota could have anywhere between zero and 70,000 people with the disabilities we find of interest. We used 35,000 as a state-wide estimate. The SAITO software reduces that prevalence to compensate for people who are too remote, cannot walk, are not interested, prefer to take vitamin B-13 and so on.

For school locations the SAITO calculated recommendations (red boxes) are

1. Sioux Falls – 2 schools – the area includes Brandon, Brookings, Yankton and Vermilion.
2. Rapid City – 1 school – includes Box Elder and Spearfish
3. Aberdeen – 1 school
4. Watertown – 1 school

Probably dependent on subscriptions (purple boxes)

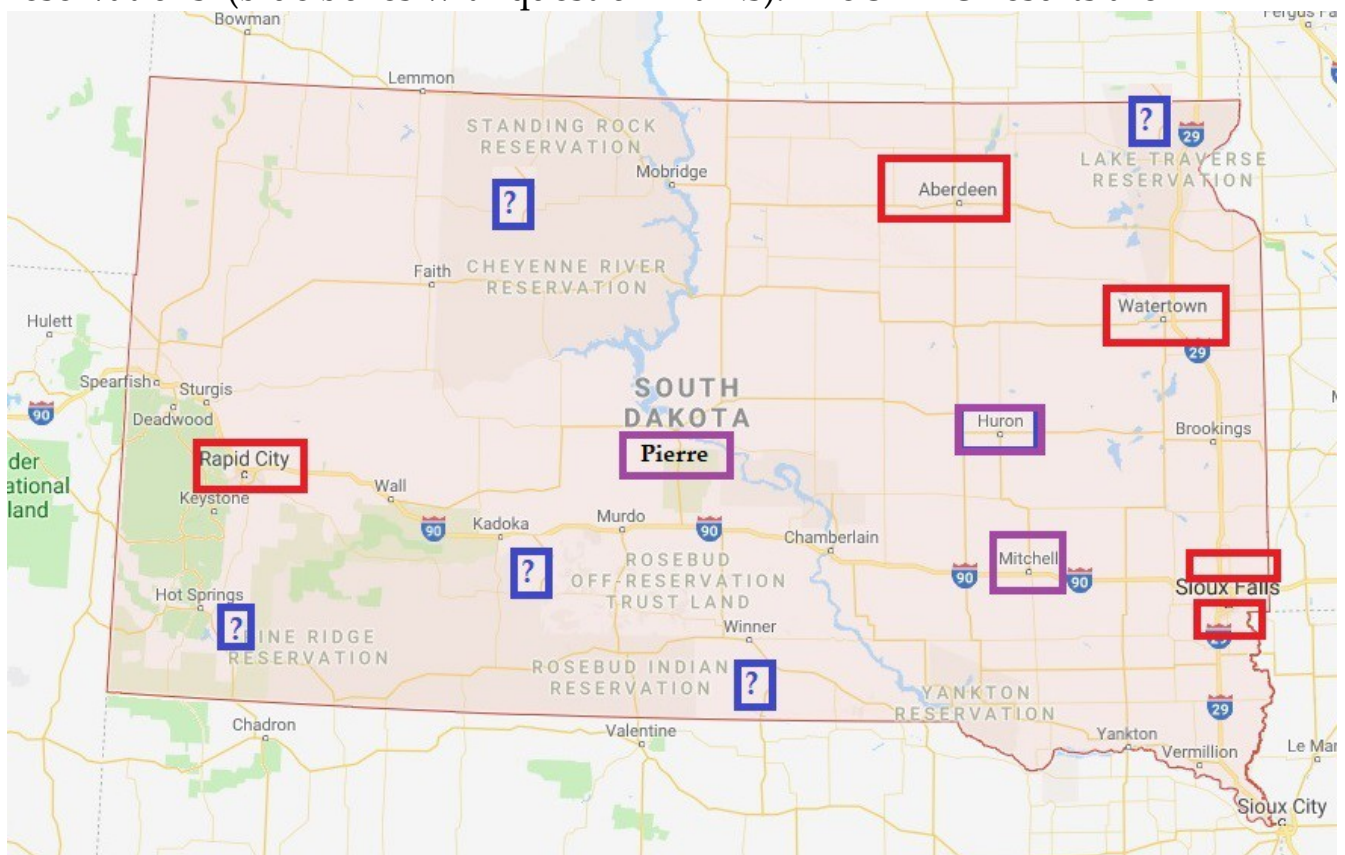
5. Mitchell (15,250; Davison County population = 19,500)
6. Pierre (14,000; Hughes County population = 17,000)
7. Huron (13,000; Beadle County population = 17,500)

It is hard to justify schools at Mobridge (3500) and Hot Springs (3500).

We used the US Census (2010) data to estimate reservation populations

Cheyenne River	8,100
Crow Creek	2,000
Flandreau Santee	400
Lake Traverse	11,000
Lower Brule	1,300
Pine Ridge	19,000
Rosebud	11,000
Standing Rock	8,200
Yankton	6,500

We have no appreciation of what interest there might be in our curriculum, and we have no information about population densities on tribal lands and reservations (blue boxes with question marks). The SAITO results are



The two major determinants for whether a school could or should be built at a small town like Mobridge or Hot Springs is whether the tuition can cover rent, utilities and a teacher's salary. If not, it is possible for students to follow an internet broadcast from home, school or day care and send video recordings in to be graded. We would recommend daily filming and grading. Note that if the internet connection for the broadcast is interrupted the student can obtain the class video from the archives. Likewise, winter weather might delay the uploading of daily student videos so some tolerance and patience may be needed.