



**Proposed School Locations
for the state of Indiana
United States of America**

August 2018

for Silver Wolf Wushu

using SAITO software version 2.2.7.0 08/17/2018

title page image: the state insect of Indiana is Say's firefly (*Pyrractomena angulata*). There is no state animal, reptile or mammal for Indiana. The Lampyridae family are winged beetles which are commonly called fireflies or lightning bugs: the cladistics are in a state of some turbulence, but it would be reasonable to estimate that there are over 2,000 species with about 175 species in the United States and over 40 species in Indiana. There are a great many variations on which gender (male, female or both), which age (lava or adult) and for what purpose (reproduction, predation, defensive warning) the insects employ bioluminescence. The colors of light produced include blues, greens, yellows and reds: the light of Say's firefly is orange, which some describe as amber. The chemical reactions involving in producing the light usually include an enzyme named luciferase acting on a protein named luciferin in the presence of magnesium, ATP and oxygen. The Say's firefly typically signals with eight to twelve rapid pulses in a second followed by two to four seconds of inactivity. It was first described by Thomas Say (June 27, 1787 – October 10, 1834) of New Harmony, Indiana, who is known as the father of American entomology. The insect ranges in Eastern North America from Florida to Canada. Hoosier poet James Whitcomb Riley (October 7, 1849 – July 22, 1916) wrote:

"The fireflies, like golden seeds,
Are sown about the night."

Geography

Our SAITO software views Indiana state as a rectangle 140 miles wide (average east to west) and one hundred forty miles high (average 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 Indiana 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 also means any possible schools in, for example, Kalamazoo in Michigan, Louisville in Kentucky, Waukegan in Illinois,

Cincinnati in Ohio and so on would be ignored.

Indiana State has no (zero) Federally recognized First Peoples tribes or 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 6,666,000 and that it has been growing at about 1% per year. The larger cities, towns and census-defined places are

Indianapolis	836,002
Fort Wayne	265,904
Evansville	118,930
South Bend	102,245
Carmel	92,198
Fishers	91,832
Bloomington	85,071
Hammond	76,618
Gary	76,008
Lafayette	72,390

It has NOT been established that the medical conditions we find of interest are uniformly distributed, so Indiana could have anywhere between zero and 300,000 people with the disabilities we find of interest. We used 266,000 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 are

1. Indianapolis – 3 schools
2. Fort Wayne – 1 school
3. Evansville – 1 school
4. South Bend – 1 school
5. Carmel – 1 school
6. Fishers – 1 school
7. Bloomington – 1 school
8. Hammond – 1 school – includes Gary
9. Lafayette – 1 school

Probably dependent on subscriptions

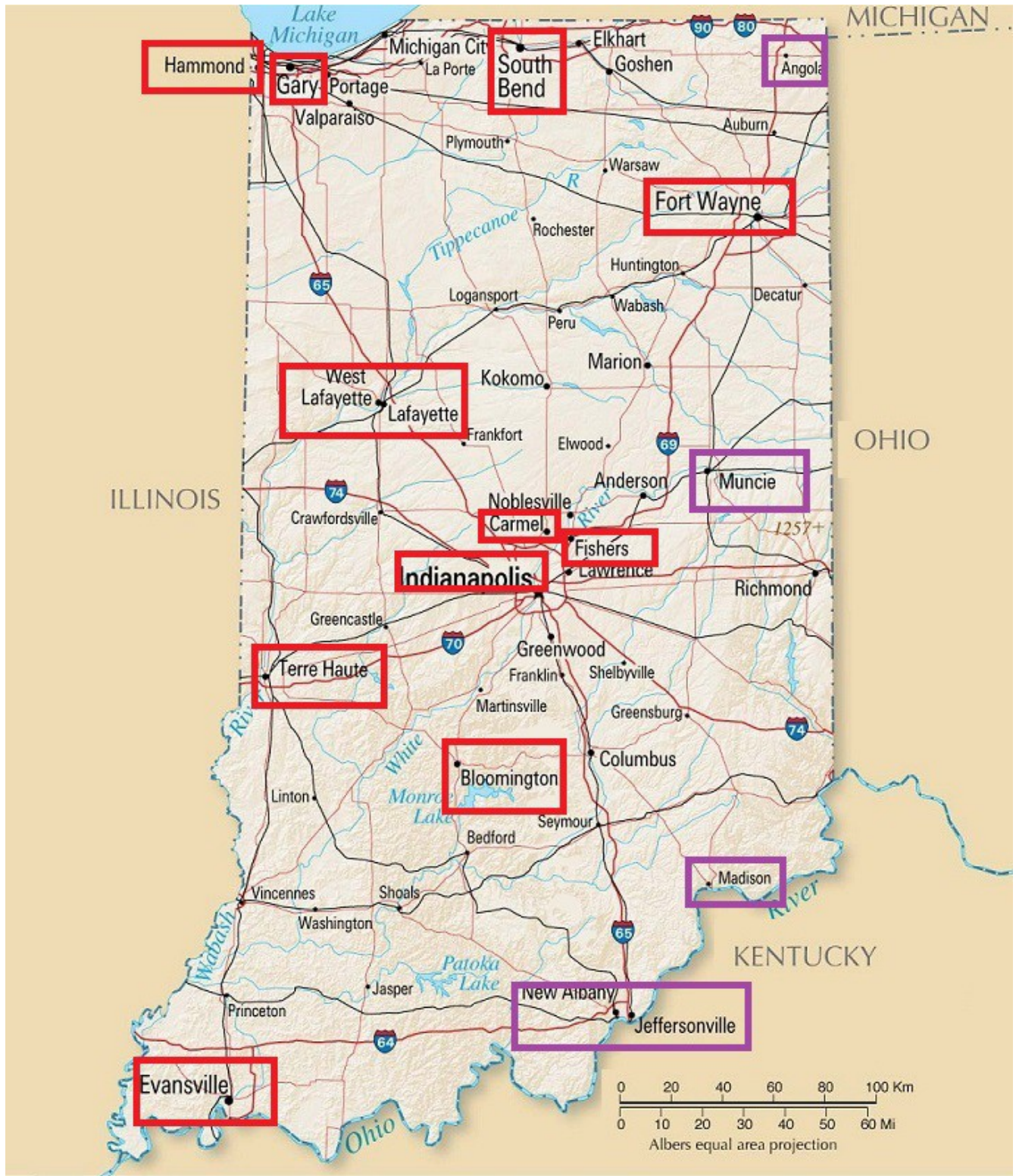
10. Angola
11. Muncie
12. Madison
13. New Albany - Jeffersonville

The Pokagon Band of Potawatomi Indians is a Federally recognized tribe in Michigan (www.pokagon.com), and has service areas in Indiana. The following are unrecognized tribes:

1. The Eastern Miami Tribe of the Miami Nation is headquartered in Peru Indiana (www.miamiindians.org)
2. The Upper Kispoko Band of the Shawnee Nation is headquartered in Kokomo Indiana (no website)
3. The Wea Indian Tribe is headquartered in Lafayette Indiana (www.weaindian-tribe.com)
4. The Wea Indian Tribe of Indiana is headquartered in Clinton Indiana (www.weaindiantribe.com)

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.

The SAITO results are



The major determinant for whether a school could or should be built at a smaller town like Madison or Muncie 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.