



COMMUNITIES OF EXCELLENCE

IDAHO'S CHARTER SCHOOLS PROGRAM GRANT



Idaho Charter School Growth Opportunities

June, 2019

- There are growth opportunities for high quality charter schools in various Idaho markets
- Contributions to charter growth will include:
 - Growth in school-age populations
 - Continued under-performance of existing schools
 - Untapped charter market potential



- Use data to understand market opportunity for new charter schools in Idaho.
- Recognize that data needs to be “ground truthed” with local knowledge.
- Reflect ongoing efforts to open new high quality charter schools in greater Boise area
- Focus on a selection other potential markets
 - Pocatello
 - Twin Falls
 - Idaho Falls
 - Lewiston/Moscow



Related Work on Idaho Charter Markets

- Shifting Sands
 - Examination of changing demographics and potential demand for new charter school seats.
 - **Current work uses a similar school-age population projection method**
- Treasure in the Valley
 - Focused examination of charter school opportunities in the greater Boise region.
 - **Current work uses a similar method for identifying underperforming schools.**

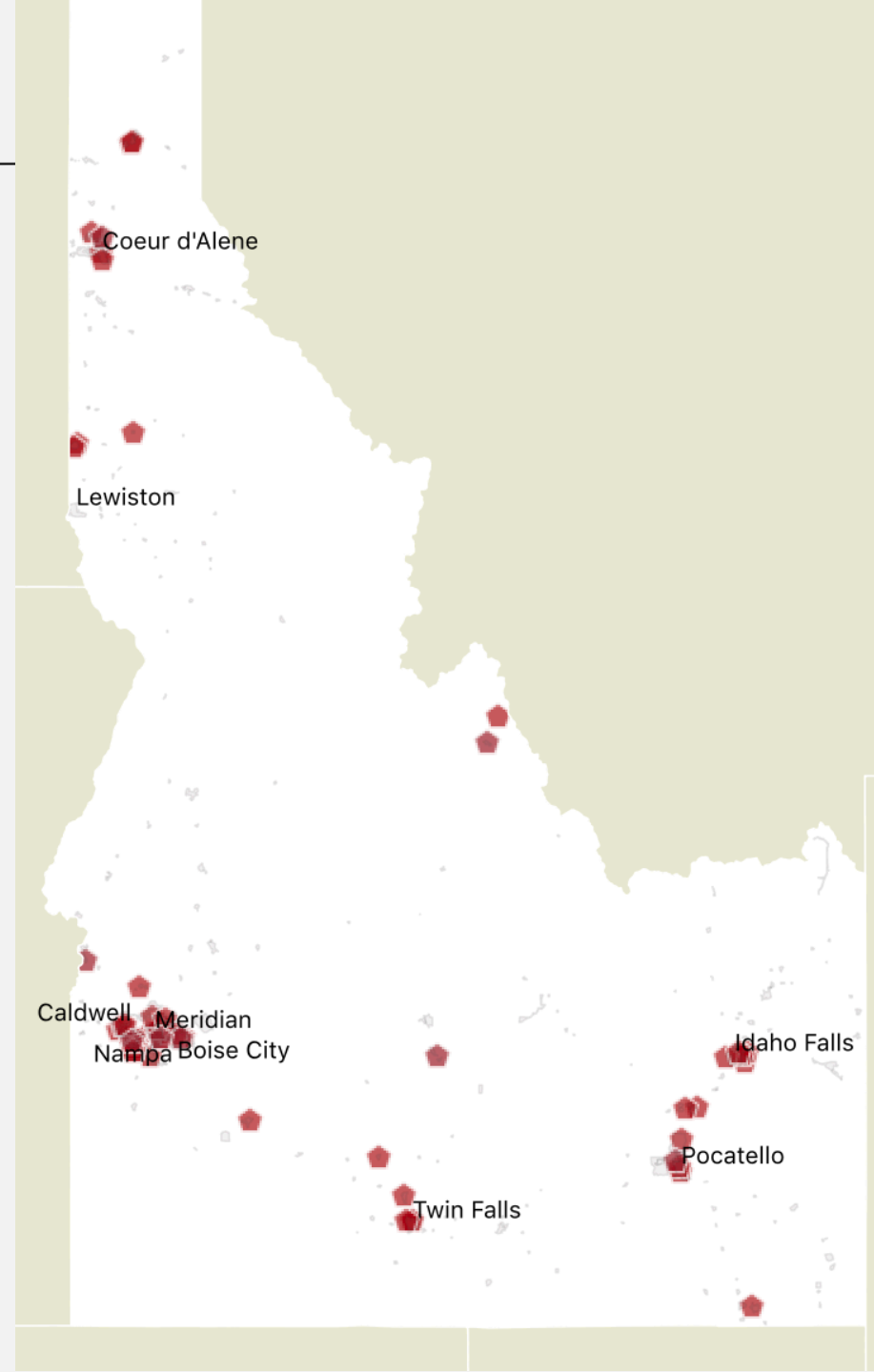


Idaho Charter Schools

51 charter schools serving
19,500 students

6 virtual charter schools
serving 4,500 students

Charter students are 8% of all
Idaho public school
enrollments



New Charter Seats in the Treasure Valley

Opening in August 2019

- Elevate Academy in Middleton
- Forge International School in Middleton
- Treasure Valley Classical Academy in Fruitland
- Compass in Meridian will open a new building adding 224 students



Key Indicators of Growth Opportunity

- Expected growth in school-age populations
- Presence of systematically underperforming schools (proficiency levels)
- Estimates of untapped charter market share



Expected Growth in School-age Population

K-8

- Boise/Nampa/Eagle
- Twin Falls
- Idaho Falls
- Pocatello
- Coeur d'Alene
- Mountain Home
- American Falls

High School

- Boise/Nampa/Eagle
- Twin Falls
- Idaho Falls
- Pocatello
- Coeur d'Alene
- Moscow
- Fruitland



School-Age Population

Change in K-8 age student population by 2024

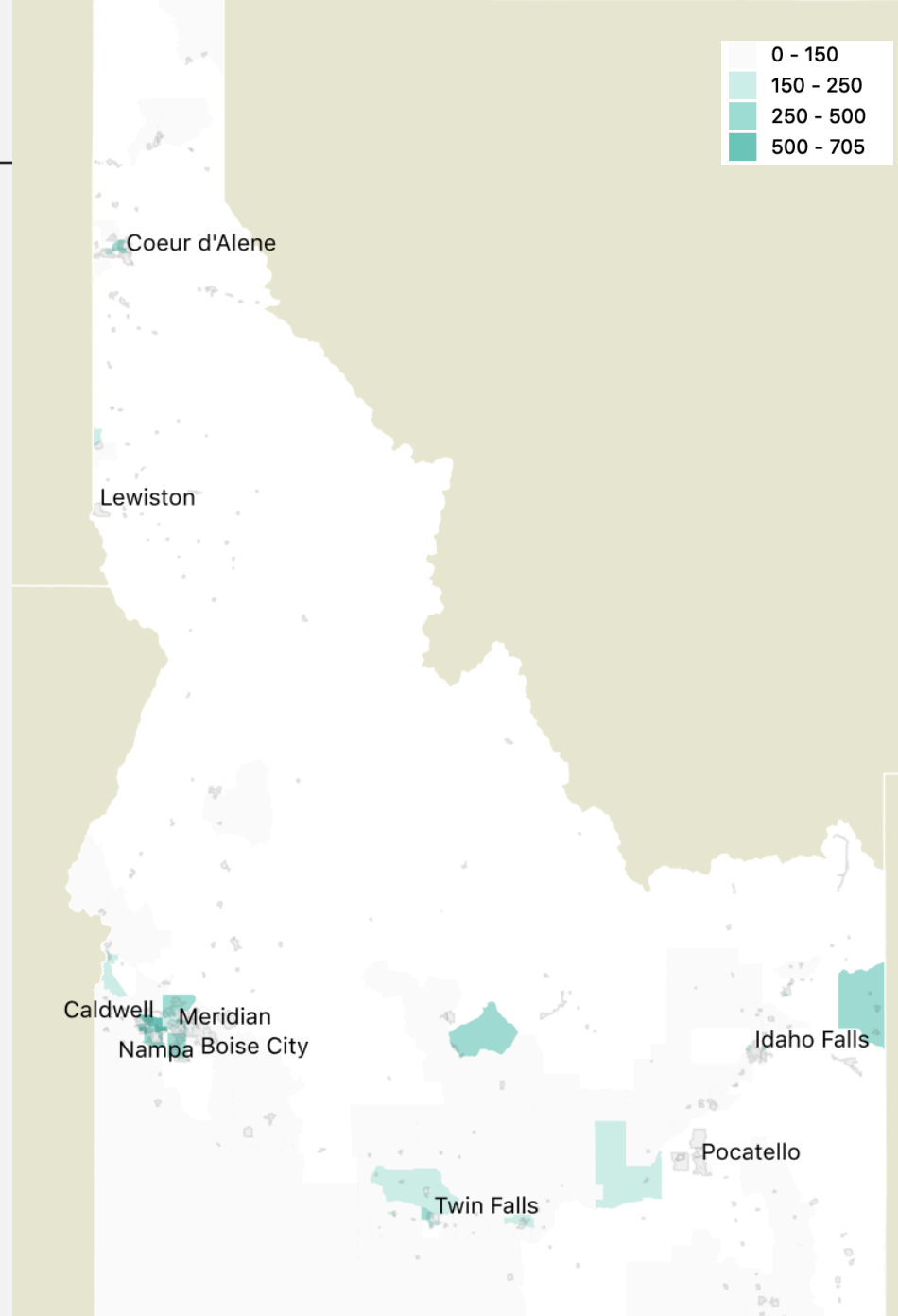
- ☐ 4,500 new white students
- ☐ 8,600 new non-white students
- ☐ 9,800 new Hispanic students



School-Age Population

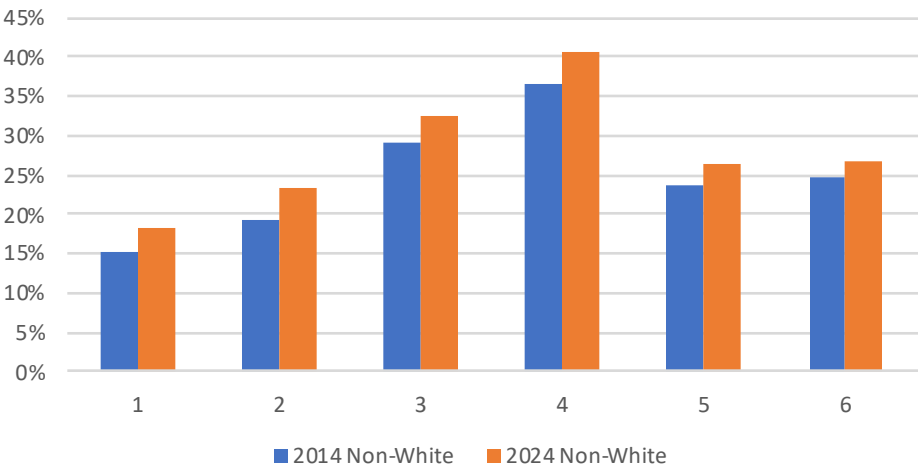
Change in High School age student population by 2024

- ☐ 6,100 new white students
- ☐ 4,000 new non-white students
- ☐ 4,400 new Hispanic students

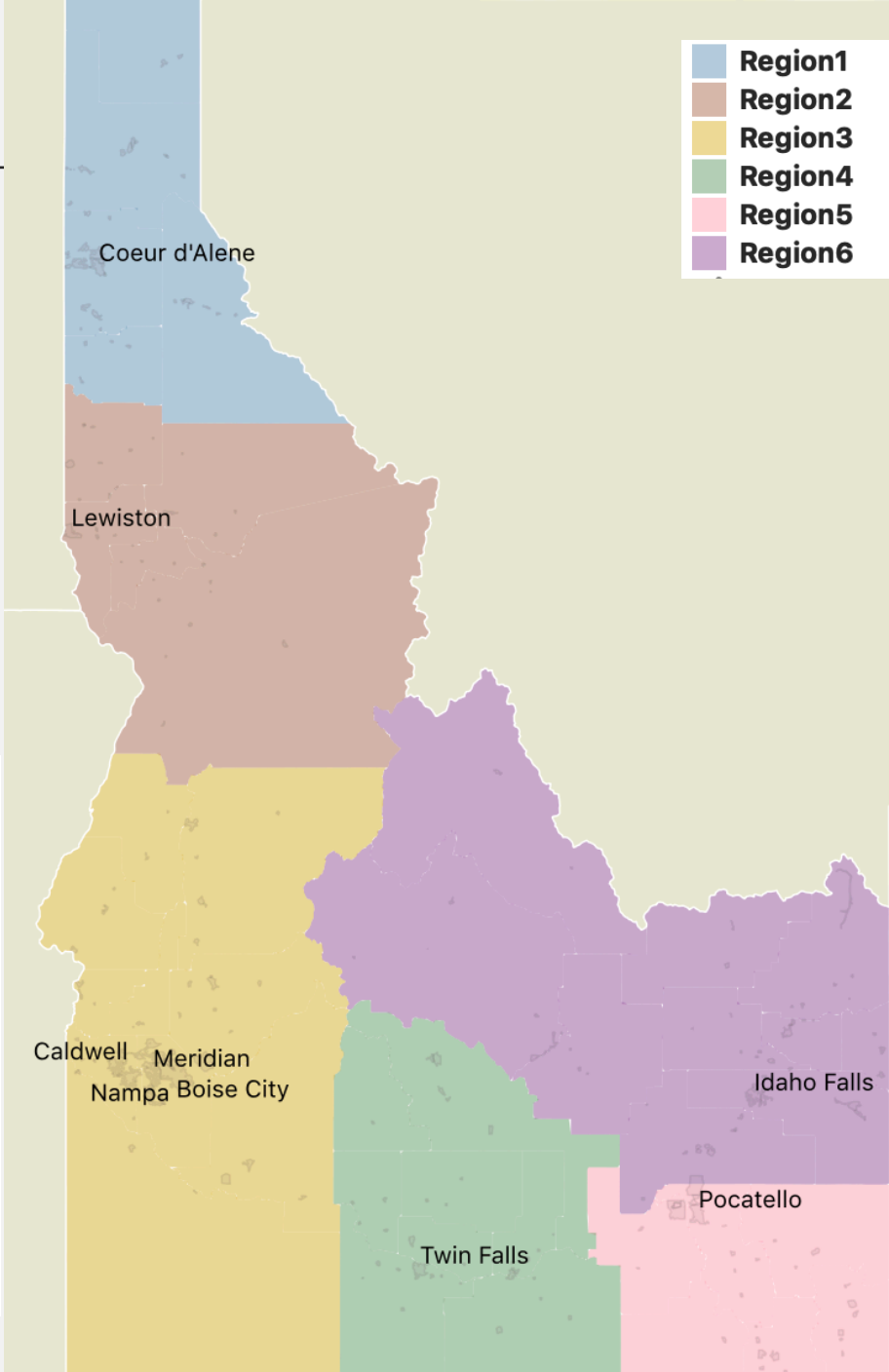
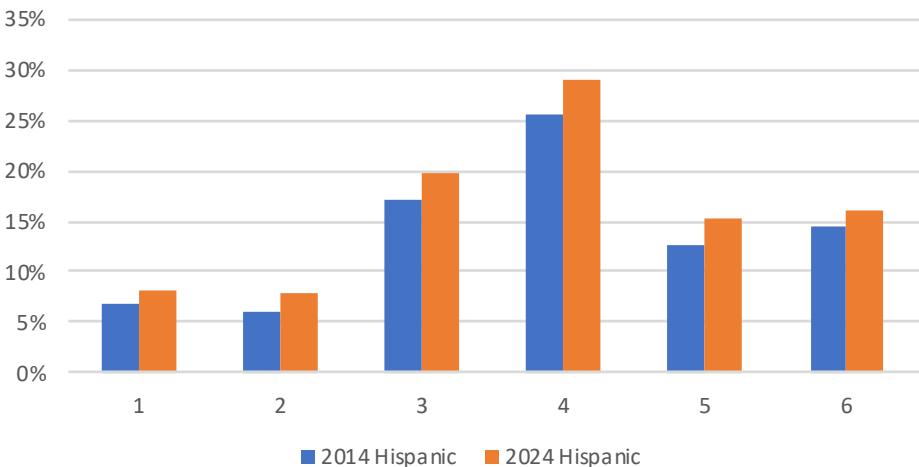


Changing Demographics

Share Non-White Students by Region



Share Hispanic Students by Region



Modeling Underperforming Schools

- Identified schools where proficiency levels were significantly below expected levels
- 3 years of test score results
- ELA and Math
- Controlled for school characteristics
 - demographics,
 - size,
 - school type,
 - free reduced lunch, special education
- A number of schools were persistent under-performers (2 or 3 years, both ELA and Math)

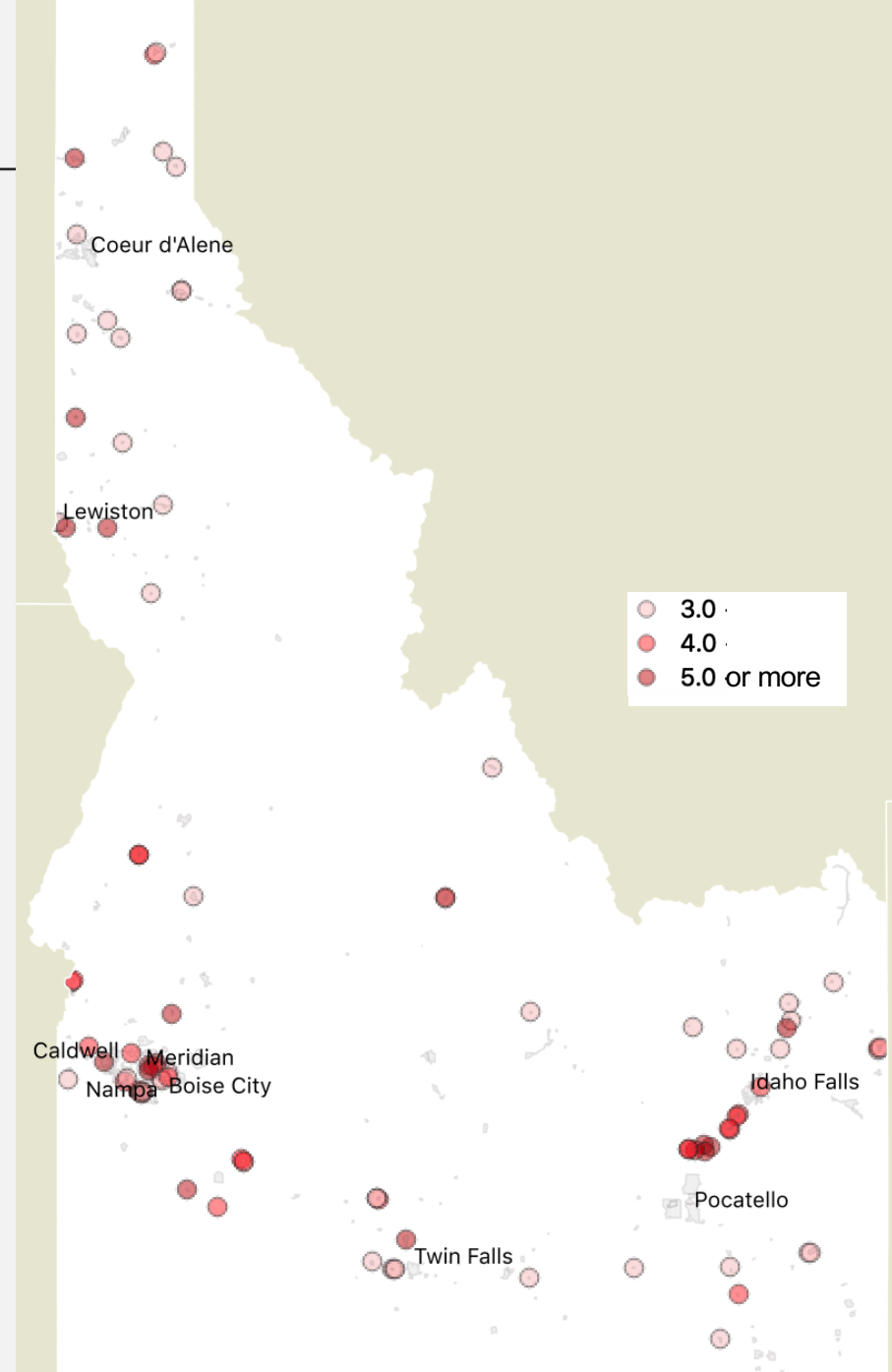


Underperforming Schools

ELA and Math results from
2014-2017

2 subject tests over 3 years =
6 test events

Schools that underperform
consistently: 3 or more test
events out of a total of 6.



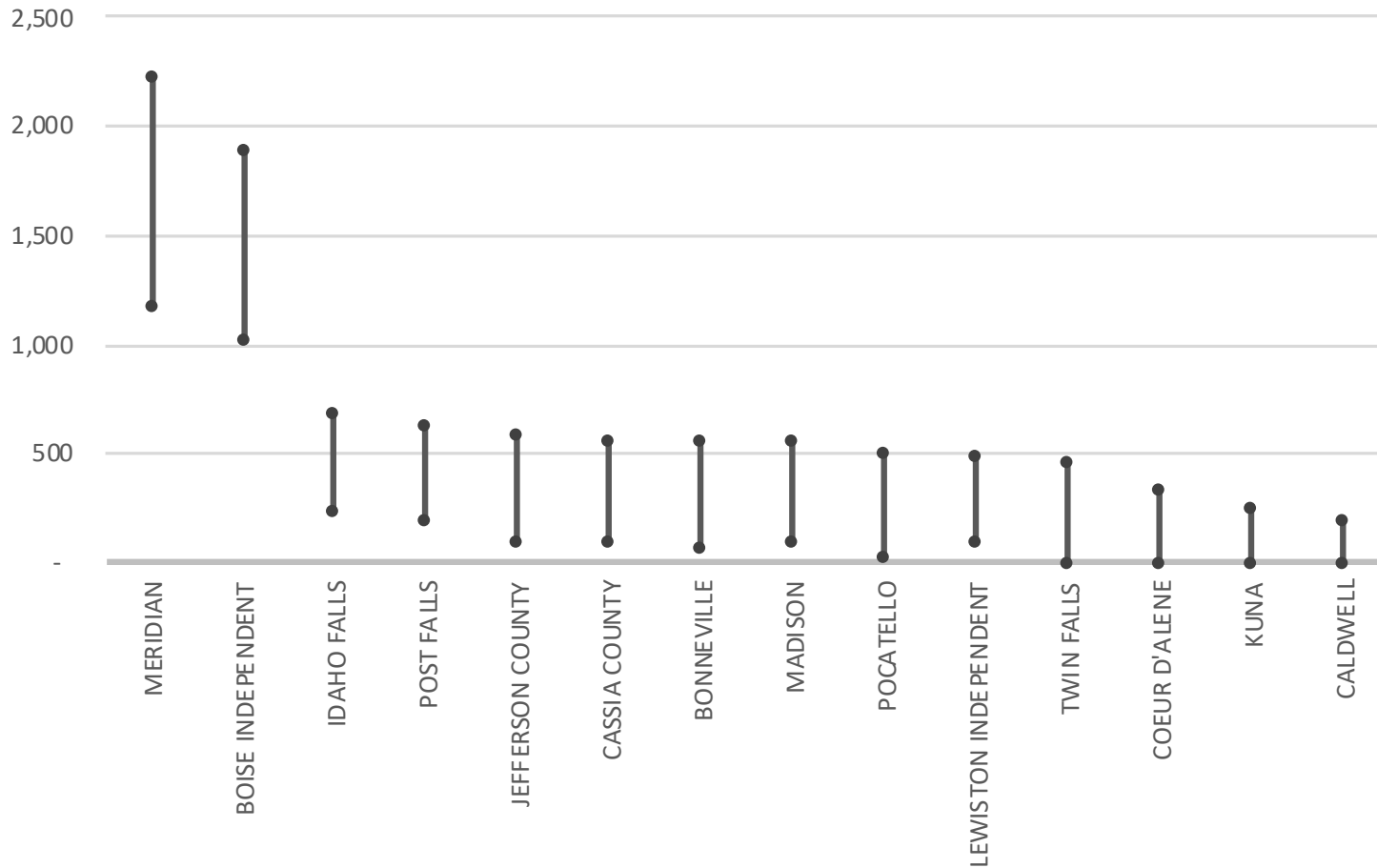
Modeling Market Share

- Estimates of charter enrollment as a function of district characteristics, regional characteristics, and state policies.
- Used data from all districts in the U.S.
- Factors important to market opportunity:
 - district size, urban/rural area
 - district growth, regional growth
 - strength of unions, charter laws (caps on growth, non-district authorizers)
 - years since enabling legislation
 - per-pupil funding, charter school growth fund investments
- There are growth opportunities in a number of Idaho markets.



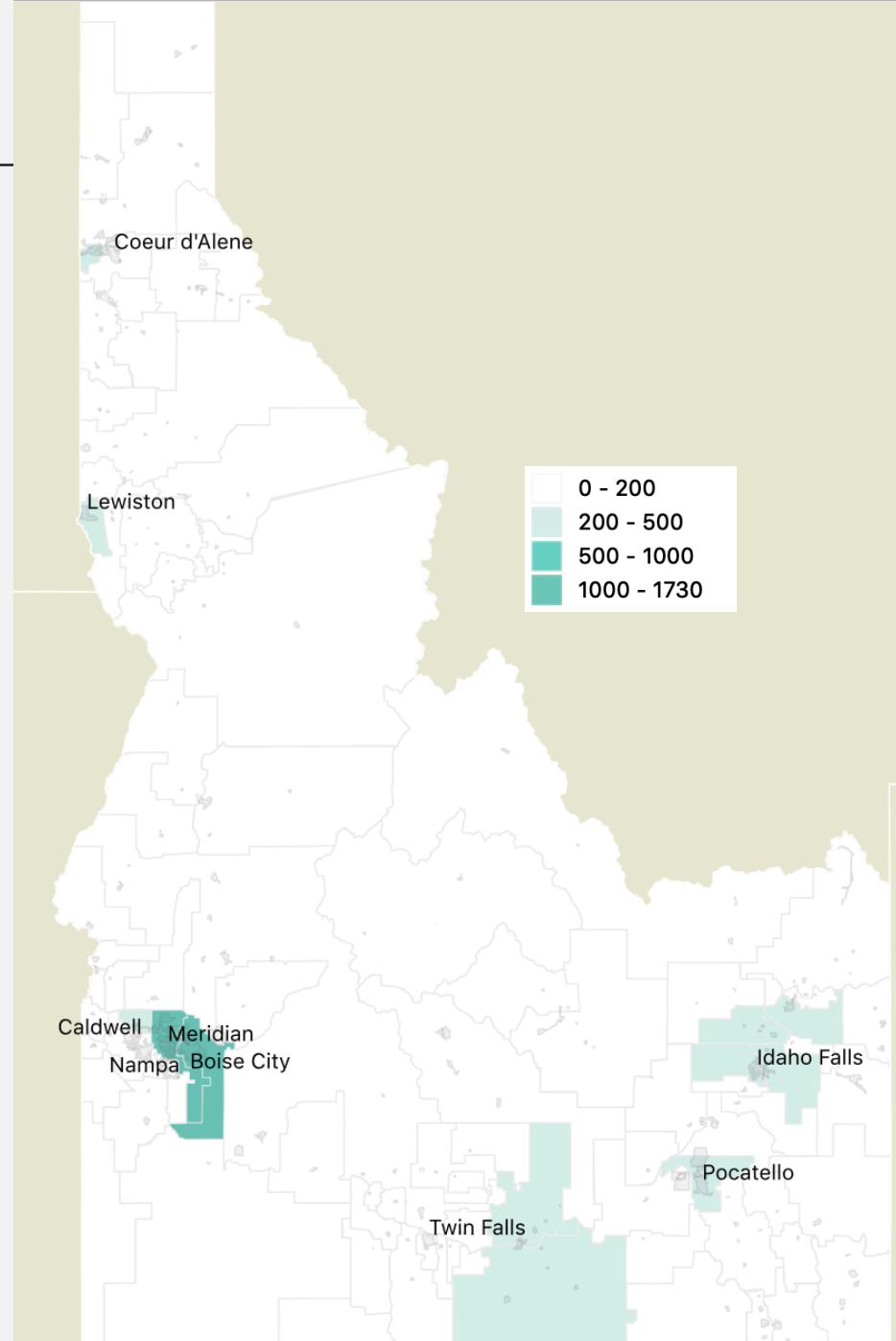
Idaho Market Growth Through 2024

ESTIMATED RANGE OF NEW CHARTER SEATS



Charter Market Share

Potential additional charter school seats through 2024.

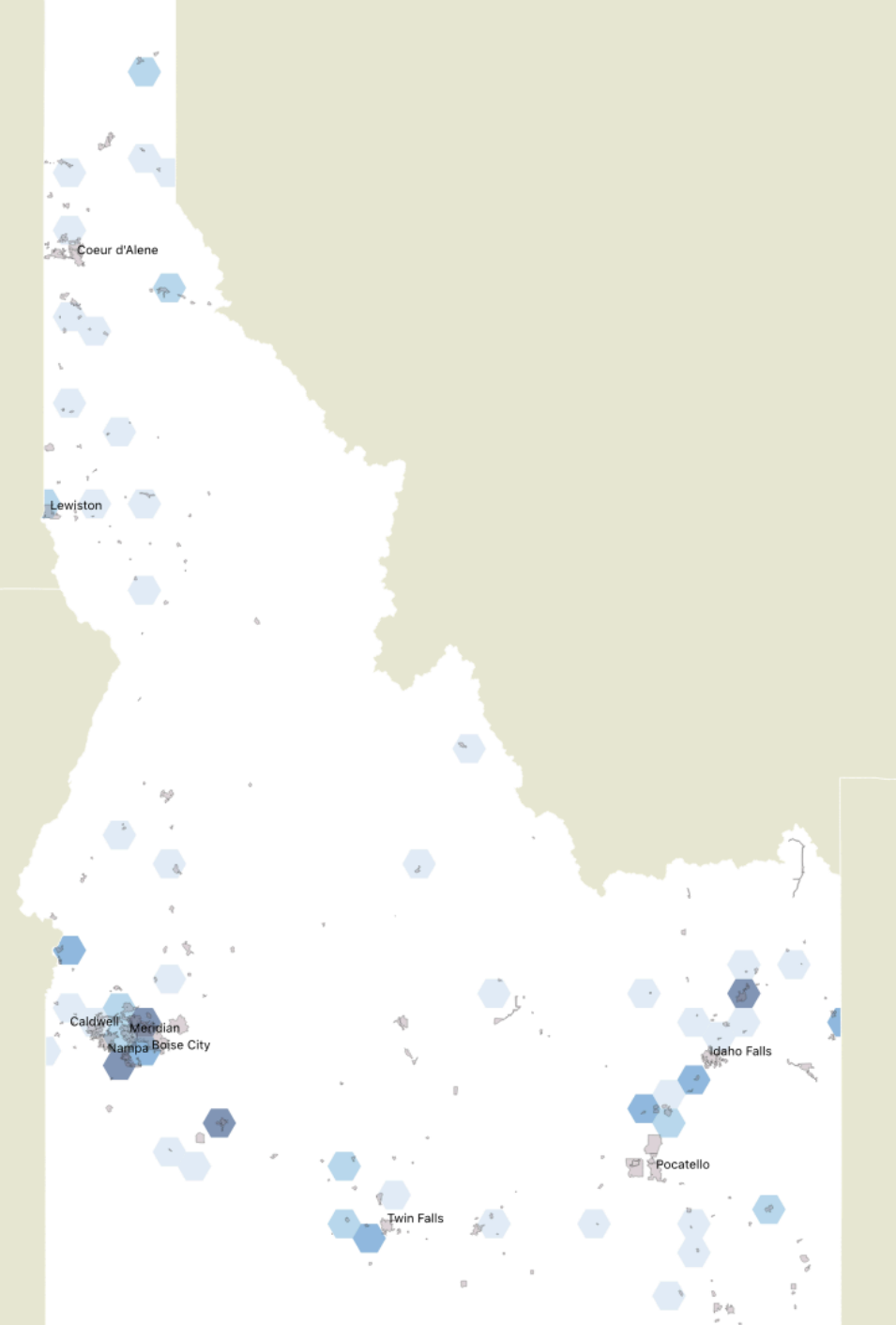


- Map factors onto grid cells
- Each grid cell is approximately 100 square miles
- Standardize the probability distribution of grid cell values
- Combine factors into a single opportunity index
- The index is a scaled indicator of locations where there is a strong case to be made for new charter school seats



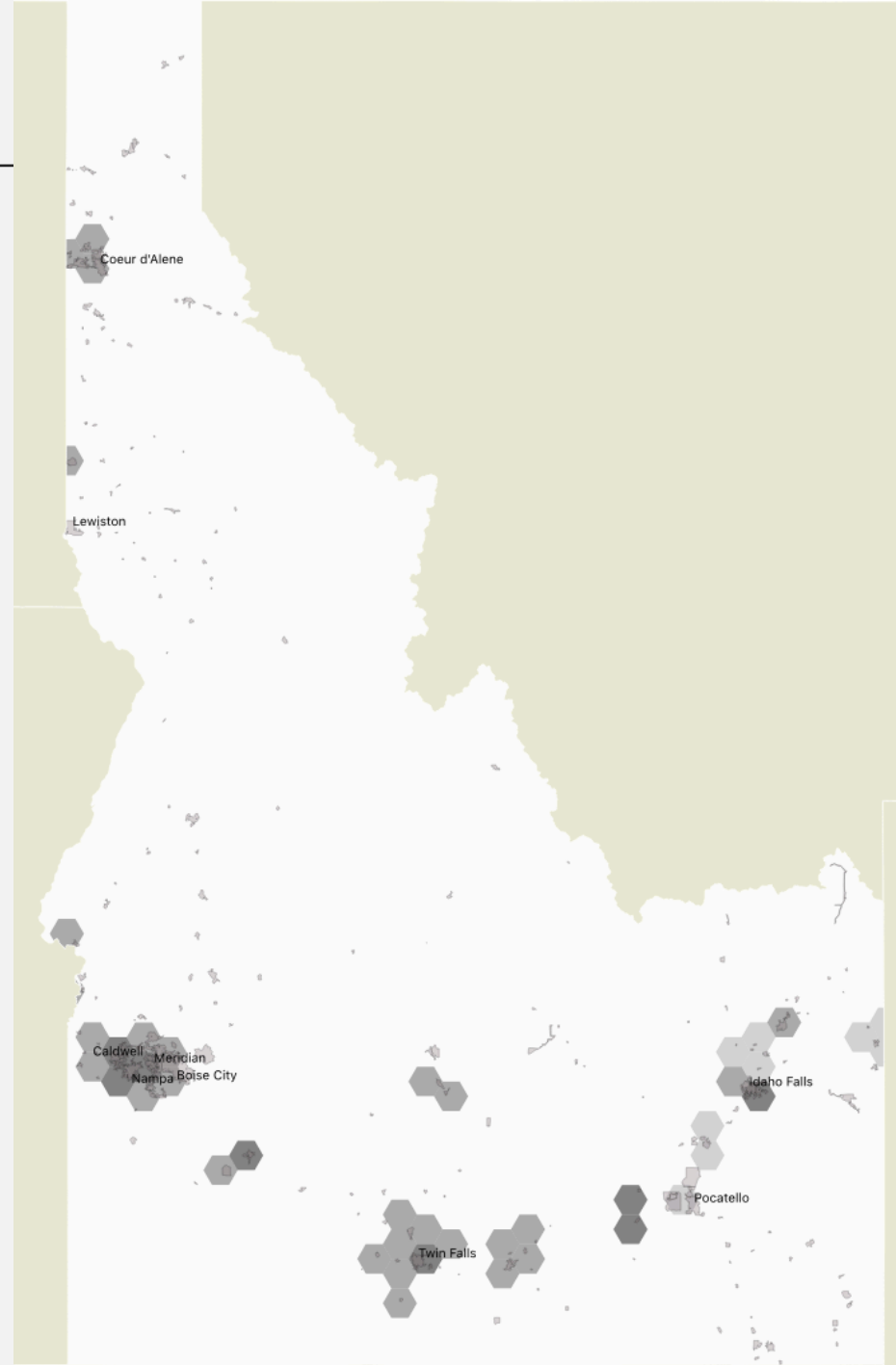
Grid 1

Students enrolled in
underperforming schools



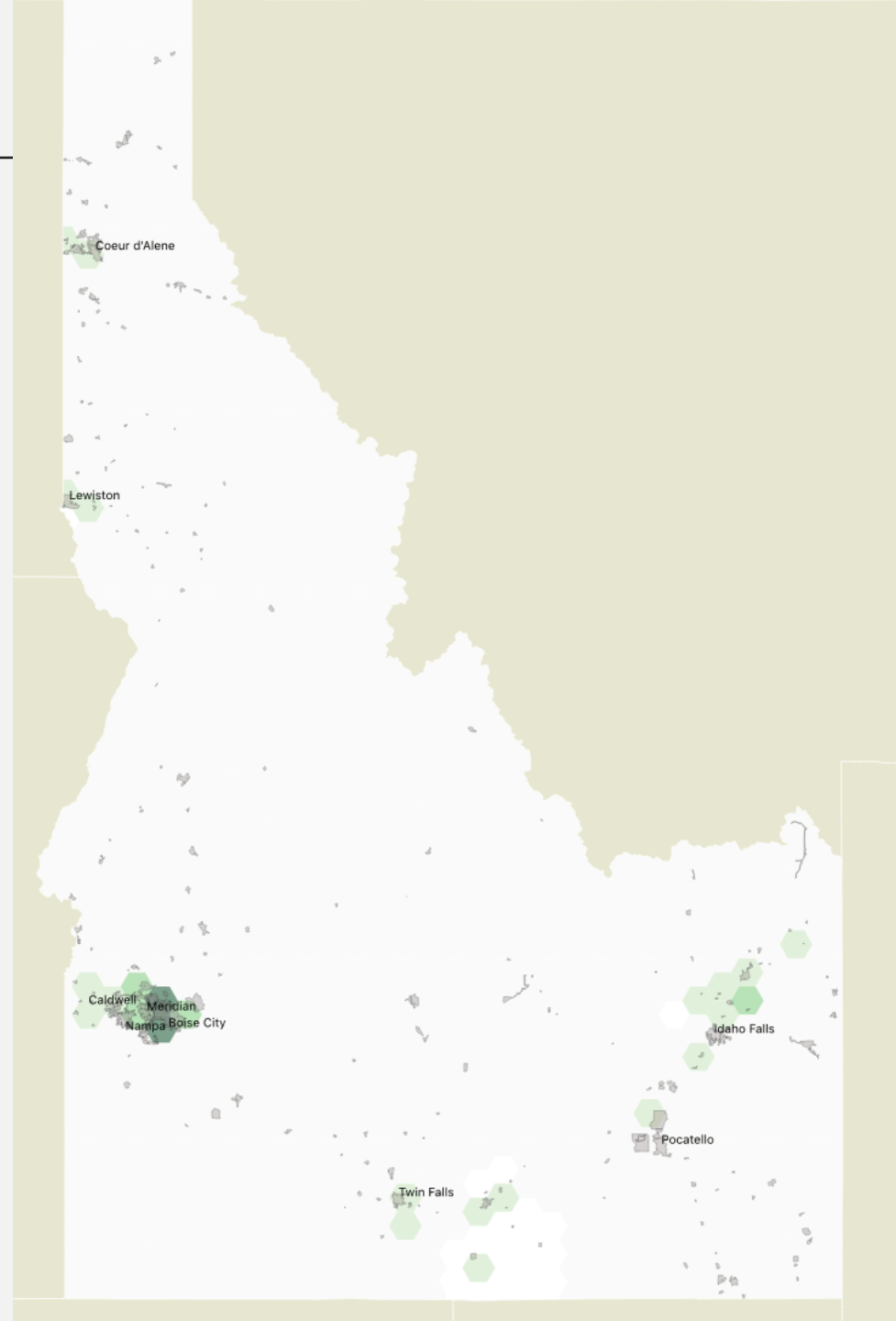
Grid 2

School-age population growth through 2024



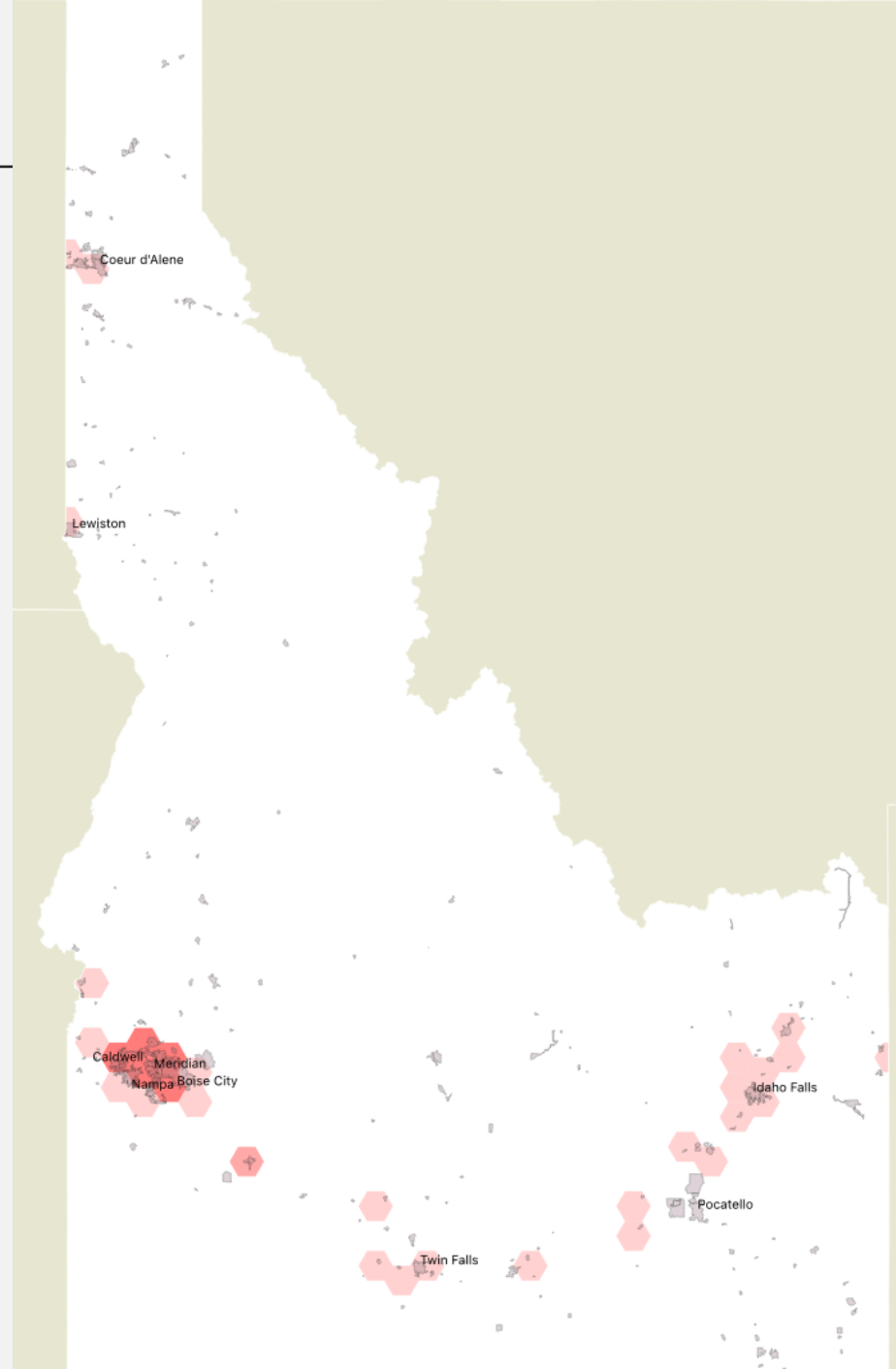
Grid 3

Charter market share growth potential



Opportunity Index

Composite measure of all
previous factors

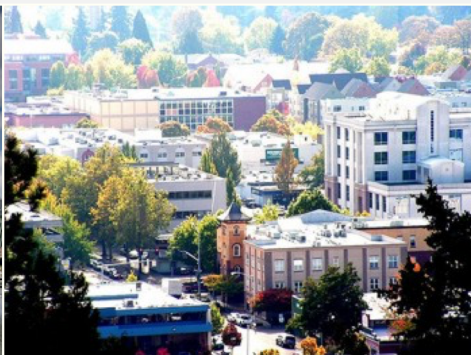


- There are growth opportunities for high quality charter schools in various Idaho markets
- Strong markets:
 - exhibit growth in school-age populations,
 - students are currently being served by under-performing schools,
 - reflect some as yet untapped charter school market potential





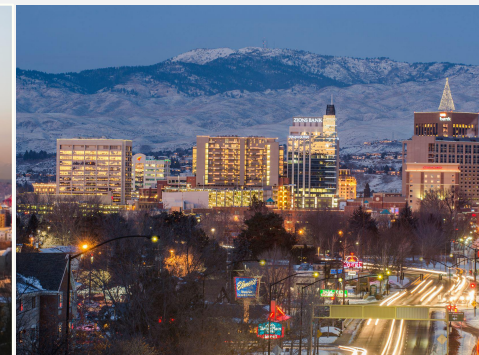
Portland



Eugene



Seattle



Boise

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