Jefferson County Elementary Schools / Children under 5 per zip

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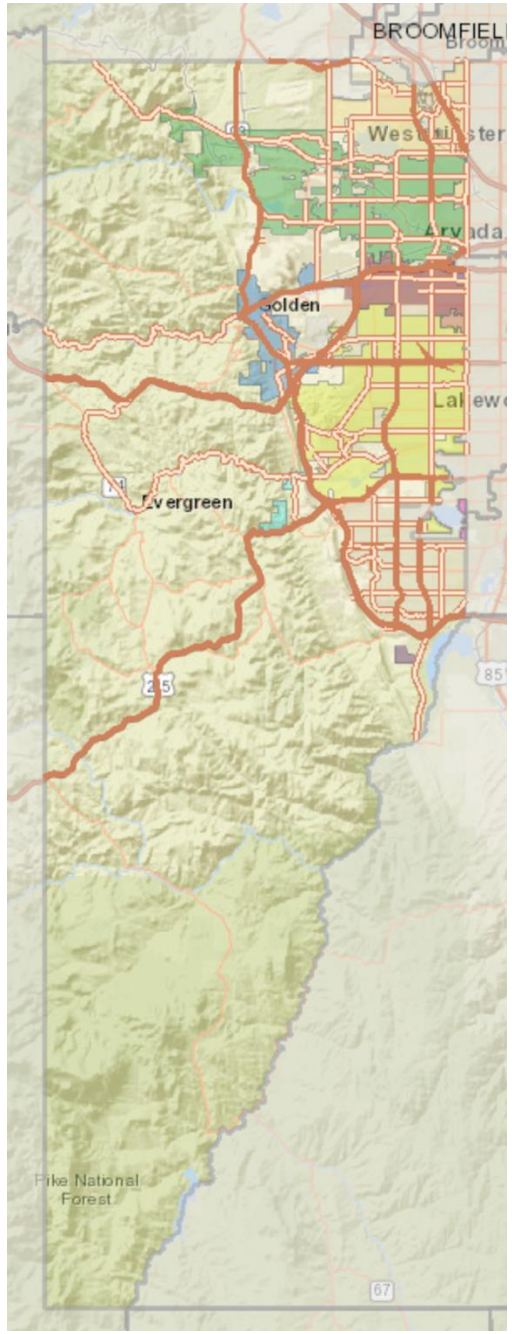
Maps as tools in data visualization

- Visualize geographic trends and identify outliers
- Can be used to present hyper-local information, relevant to residents of a county, city, school district, neighborhood, etc.
- Tools like Python and Power BI can support geographic visualizations



Choropleth Maps of Jeffco zip codes

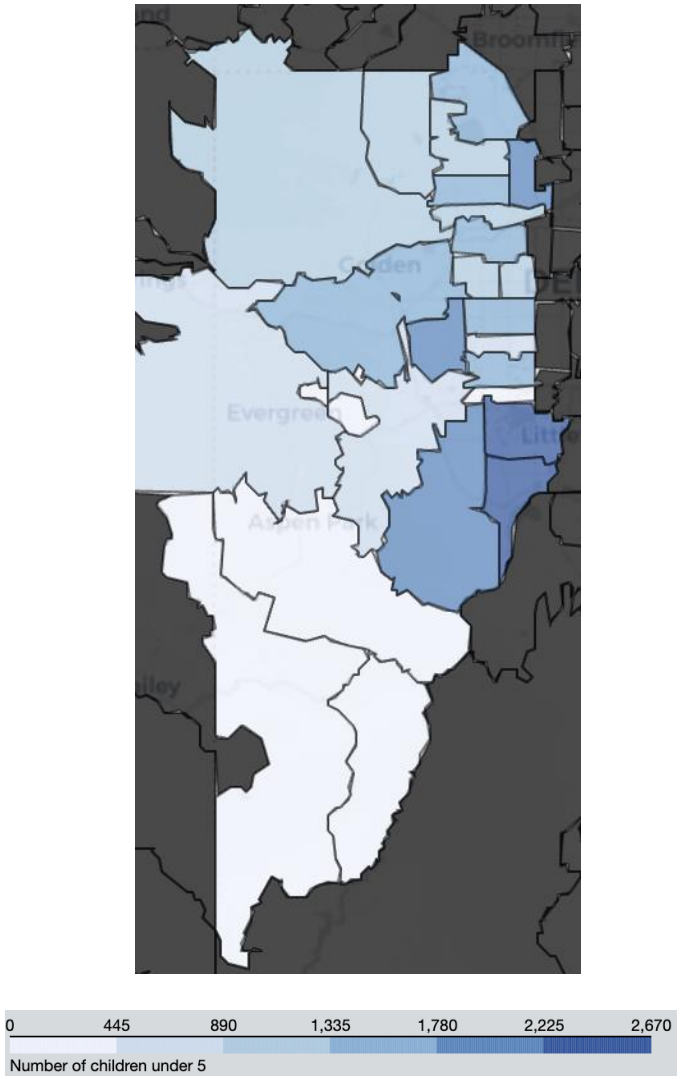
Children under 5 and as % of population, per 2021 ACS

Created with Python in Jupyter Notebook

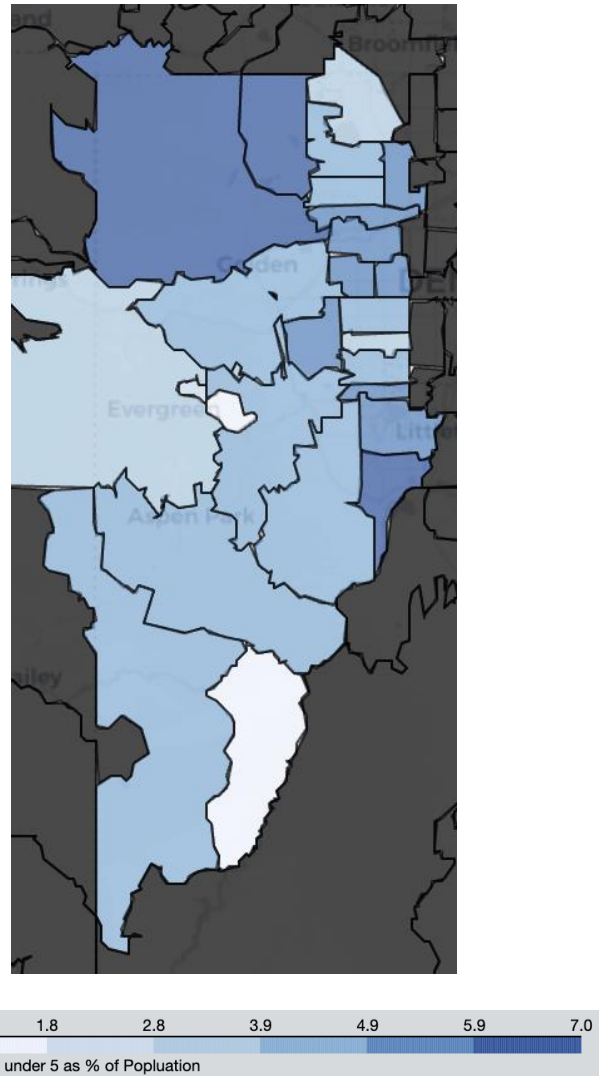
Sources: https://www.zip-codes.com/county/co-jefferson.asp

https://data.census.gov/

Number of Children under 5 by zip code



Children under 5 as % of Population by zip code



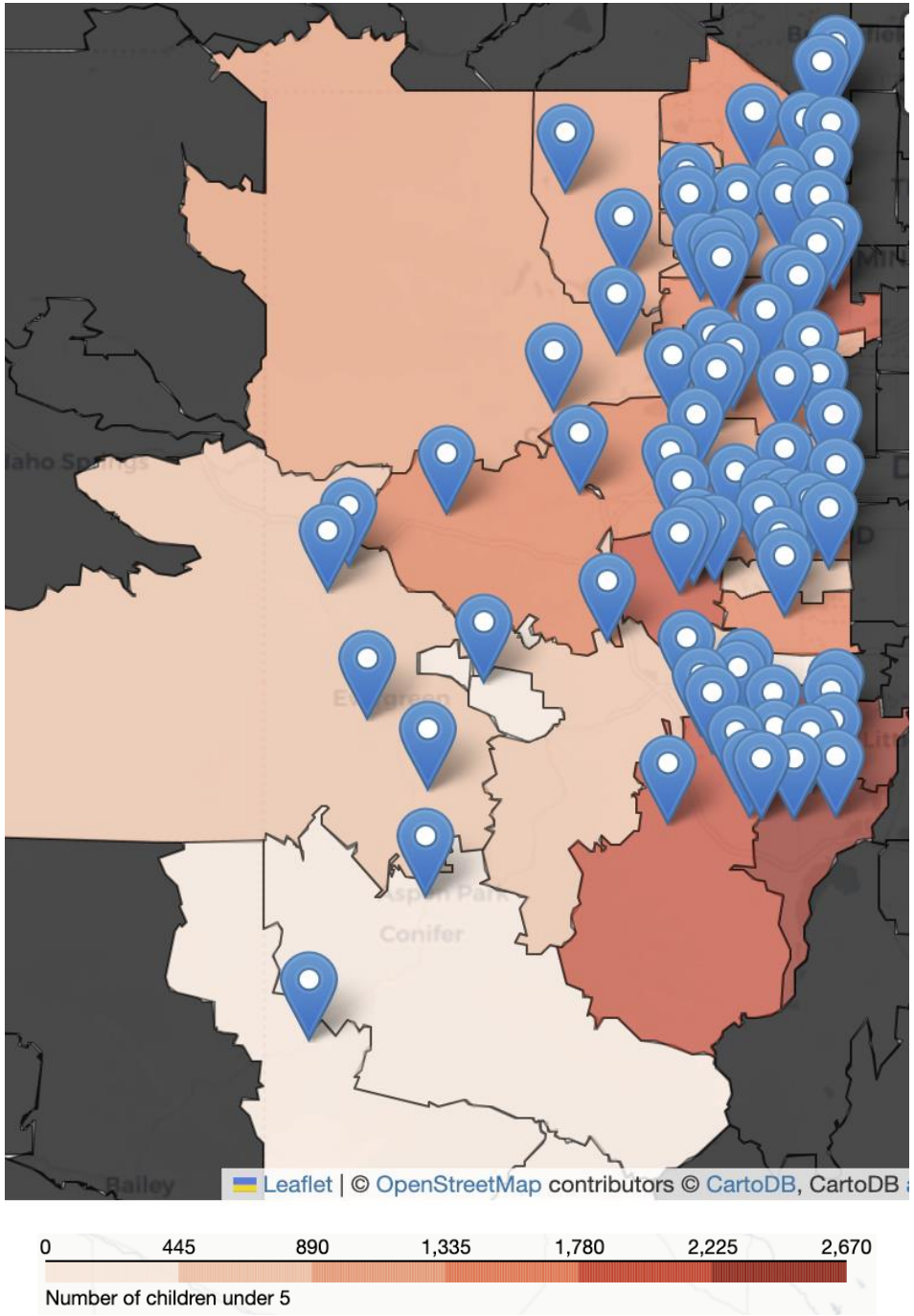
Elementary Schools in Jeffco zip codes

Overlaid on choropleth map with number of children under 5 by zip code

Created with Python in Jupyter Notebook

Sources:
https://www.jeffcopublicschools.org/schools/boundary_maps/elementary_school_boundary_maps

Google Maps



Data more granular than zip code could be used to pinpoint areas of need for schools depending on demographics

Data visualization can be used by current or prospective residents to help inform decisions on schooling, among many other topics