

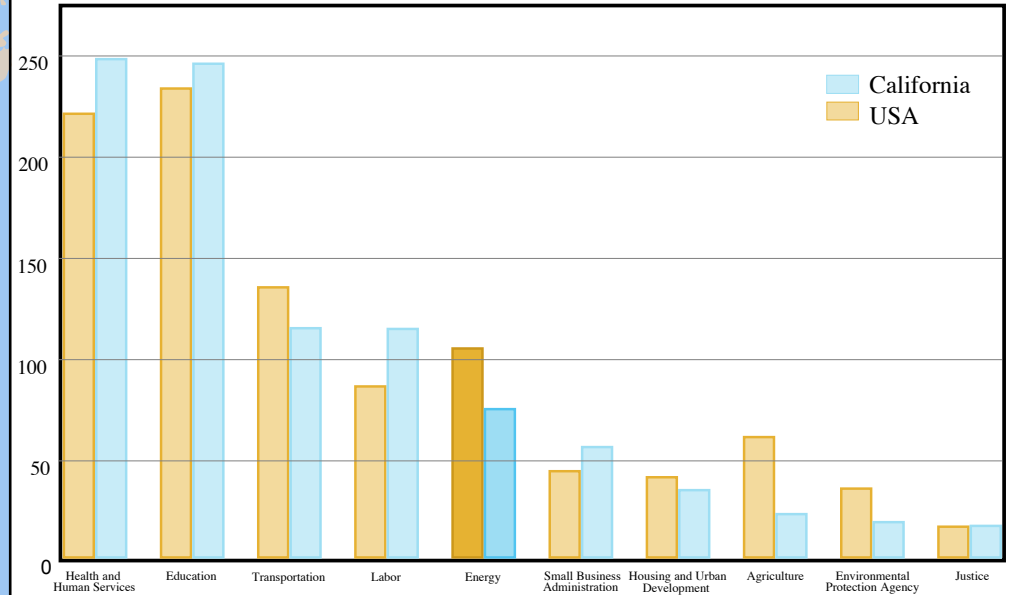
Geobarra.org

Project by Ben Cohen, Michael Lissner, and Connor Riley

Department of Energy Spending Per Capita



Spending By Agency Per Capita, Top 10 Agencies



Geobarra.org is a dynamic and aesthetically pleasing interactive visualization which allows users to interact with a large corpus of spending data from the American Recovery and Reinvestment Act.

Our web application can be used to query and analyze the data both numerically and geographically. Users can start to explore the data either by choosing a geographic region, or by choosing a government agency that they find interesting.

We made extensive use of open-source web technologies in building the application:

- jQuery** for JSON data processing and AJAX request handling
- Django for server-side Python data processing and SQLite integration
- Open-source libraries: Flot, cartographer.js, Raphael

Data Sources used include recovery.gov, ProPublica, Geonames, the US Census and the Department of the Treasury