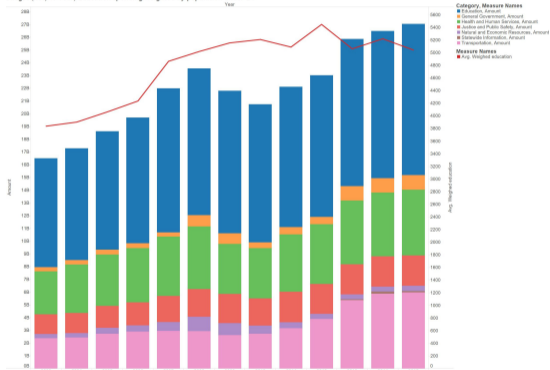


What we did

- ▶ **Create a database:** transform NC budget data in pdf file format into an analyzable data frame using open-source programming language R
- ▶ **Visualize the data:** construct a data visualisation tool capable of running scenarios via Tableau
- ▶ Data can be used to forecast possible treatment effects of government policy such as introducing Taxpayer Bill Of Rights (TABOR) requirements in North Carolina

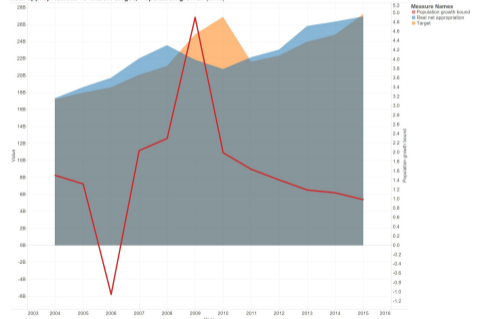
Budget visualization using processed data

Budget (net) vs Year, Education spending weighted by population under 24



The trends of Amount and Avg. Weighted education for Year. Color shows details about Amount and Avg. Weighted education. For pure Sum of Amount: Color shows details about Category, Amount and Avg. Weighted education.

Real appropriations vs TABOR target, Population growth (in %)



The trends of Real net appropriation, Target, Population growth bound and Population growth bound for Year. Color shows details about Real net appropriation, Target and Population growth bound.