



THEMATIC MAPPING OF STANDARDIZED TEST RESULTS

HIGHER EDUCATION ORGANIZATION

OVERVIEW

The client is a not-for-profit organization that administers a variety of standardized tests. This project focuses on one category of the tests offered by the organization, which is taken by 1.7 million students each year. Stellar's team has been mapping both the associated participation and performance data for over ten years. The maps produced are used to enable the organization to effectively communicate with politicians and other government leaders about how students in their jurisdictions are performing and to discuss how to help them improve in the future.

APPROACH

Our team has utilized a variety of approaches to address the client's needs. Among these approaches are data processing and SQL query updates. There are also several mapping methods, including the creation of cartographic edits using ArcGIS, generation of maps for colorblind users, and usage of geographic information systems.

SOLUTION

Stellar is consistently updating the mapping product delivered to the client. The team employs annual data updates to generate new maps once a year.

RESULTS

The maps are a key tool for the College Board's Advocacy and Policy Center - the Project provides over 200 maps that are shared with politicians, government management, and education stakeholders to effect positive changes for young people.