

Youth Resources Mapping Application for Vermont Department for Children and Families

STONE
ENVIRONMENTAL
100% EMPLOYEE-OWNED

Services / Expertise

Geospatial Data & Solutions
Web-Based Mapping Application
ArcGIS Online App Builder
Data Discovery & Aggregation
Relational Back-End Database
Esri ArcGIS Server
Spatial Analysis

Markets

State Government

Project Location

Vermont–Statewide

Project ID#

17-005

Date Completed

2017–2018

Project Owner

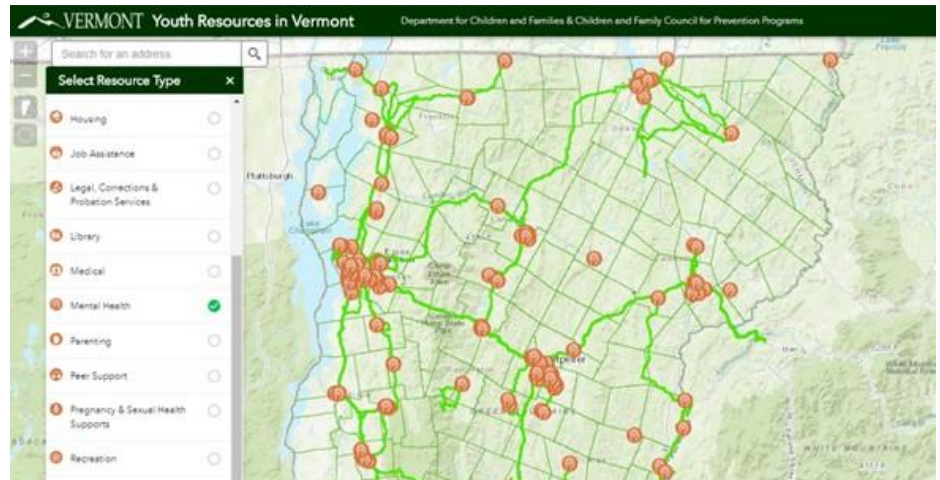
Vermont Agency of Human Services
Department for Children and Families
Children and Family Council for Prevention

Project Team

Nicholas Floersch

Link to Online Application

<http://youthresourcesmap.vermont.gov/>



Using the mapping application, policymakers and service providers can visualize gaps in resources and services and prioritize planning and future development activities.

TO EFFECTIVELY support positive youth development at all levels, young people, as well as their families and allies, need information on the array of services and resources available to them at the state and local levels. Youth-work systems must assess and remedy gaps to expand and promote needed services.

Stone worked with the Vermont Department for Children and Families and Vermont Children and Family Council for the Prevention Programs to identify state-funded, non-profit, privately funded, and volunteer-based resources available to youth and their families across the State of Vermont and develop an interactive, web-based community mapping application using ArcGIS Online help visualize inventory results.

The project included a data collection and database development phase, a survey component, spatial analysis of youth resources to identify gaps, and then development of an interactive, editable Youth Resources in Vermont mapping application to serve help young people ages 14-22 locate key resources, including: addiction services, education, community justice, diversity organizations, financial support, food, housing, job, legal services, library, mental health, parenting, peer support, clothes, rides, and more. Users can select a specific town or search the entire state by resources or service need.

The project included a series of focus groups to obtain input directly from parents, youth, and young adults, which informed our survey and data collection process, and what kinds of services are searchable within the map. Stone compiled data into a database that incorporates data from existing Vermont 211 databases, libraries, health practices, and a survey. The database is hosted directly in the Youth Resources in VT App and crowdsourced survey tool. Stone implemented the solution using the ArcGIS Online Web App Builder to create the interface. The data was compiled in ArcGIS Desktop and collated into an enterprise geodatabase that was finally published to an ArcGIS Server hosted by the State.



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