

# South Carolina Address Points Program

## SAFER COMMUNITIES

Address points data can be used to assist with Amber Alerts, monitor parolees under supervision, analyze restriction zones for sex offenders, etc.

## SHARING DATA BACK

Any new data developed by the state that is not restricted by law can be shared back with the local government partner.

## KNOW YOUR BACKYARD

The address points can be used to develop a statewide map service to allow local governments to map what occurs not only in their community, but in surrounding communities as well—such as locations of crimes, offenders, facilities with dangerous chemicals, critical infrastructure, etc.



- Provides the most accurate Geographic Information Systems (GIS) data available for mapping and analyzing existing data
- Ensures state agencies are using the best data available to make decisions impacting counties and municipalities
- Recognizes the value of using locally developed data at the state level to benefit citizens in the community
- Many counties develop address points and participate in this voluntary data sharing program

The South Carolina address points project is focused on using the most accurate Geographic Information Systems (GIS) data available in order to make the best decisions possible. Across South Carolina, over 90% of the counties have GIS data such as parcels, and many have address points. This data can help to make better decisions, save lives and save money.

The address points project was originally started between the City of Greenville and DHEC in order to improve data quality for both local and state GIS users. Since then, the project has grown significantly and is now a partnership that includes many counties, cities and state agencies that create and utilize such data.

When locally provided GIS data such as address points are used by state agencies as a reference, any data such as hospitals, daycares, underground storage tanks, etc. will line up perfectly with the locally provided data. In addition, the data built by state agencies can be shared back with the local government.

The importance of having data show up on a map in the proper location is critical for both state and local organizations and has a very strong impact on the analysis and any decisions being made.

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# How Address Points Data Can Be Used



The address points data provided by the counties and municipalities can generate data across the state that helps make decisions involving public safety, health, and policies which positively impact the quality of life for citizens in every community. Below is a listing of some of the agencies that can use address points, and examples of how it can help them provide better services.

## QUALITY OF LIFE

Address point data is used in analysis to help make decisions that will positively impact the quality of life for citizens within the community.

## DATA ALIGNMENT

When locally provided data such as address points are used as reference, any data created at the state level will line up in the correct location.

## LISTENING TO LOCAL GOVERNMENT NEEDS

Local government participants involved in the statewide GIS strategic planning outreach sessions asked for a statewide map service, an organized approach to data access at the state level, and to make state data align with local data. This project was launched as a direct response to the needs expressed by local government.

### Department of Health and Environmental Control (DHEC)

Map all Vital Records and Cancer data to improve public health analysis and intervention

Improve the accuracy of all environmental and public health mapping activity and analysis affecting citizens in the community



Provide DHEC data for community download:

<http://www.scdhec.gov/gis/GIS.aspx>

### Probation, Parole and Pardon (PPP)

Map sex offender residences and restriction zones  
Identify "hot zones" with higher concentrations of offenders convicted of sex offenses, domestic violence, drug offenses, or violent crimes as defined by statute



### Department of Revenue (DOR)

Address verification for proper dispensation of sales tax revenue (to municipality, county, etc.) collected based on where the person lives

### Emergency Management Division (EMD)

Use to accurately map out locations of citizens so they can be called to notify of flood, chemical spill or other disaster



### Department of Public Safety (DPS)

Dispatch – improve Highway Patrol response time to help save lives



### State Law Enforcement Division (SLED)

Amber alert, fugitive searches – targeted searches  
Crime mapping and analysis  
Critical infrastructure protection – response planning

### Office of Research and Statistics (ORS)

Analysis to improve health programs  
Identify communities for prevention and outreach  
Ensure voters assigned to correct voting district  
Identify polling locations  
Redistricting  
Create jury selection pools for city and county

### Forestry Commission

Dispatch centers – improve response time  
Quickly identify wildfire locations  
Smoke management burn notifications  
Mapping backyard burn notifications

### Department of Natural Resources (DNR)

Map and analyze license information to help meet the needs of the customers  
Investigate and analyze boat theft and hunting / fishing violations  
DNR facility management