Accident Location Information System
-ALIS-
Simple Query
Simple Query Analysis and Reporting

The New York State Department of Transportation (NYSDOT) Simple Query, Reporting and Analysis application (SQRA) is a web-based application that provides a detailed map and data interface for accessing crash data. SQRA is one of three applications in the New York State Accident Location Information system Suite (ALIS). SQRA will leverage the location coded accidents that have been processed by the Department of Motor Vehicles using the Location Coding Data Entry Module of ALIS. Traffic Engineers from NYS DOT as well as regional and local governments can use SQRA to conduct simple data extracts or detailed accident studies and reports identifying high accident locations and unusual concentrations of specific types of accidents.
The user interface of the ALIS application runs entirely within a standard web browser. The application is designed and tested to support Microsoft Internet Explorer version 8.0. The application is designed to run under a screen resolution of 1280 by 1024 and normal DPI setting which are equal to 96 dpi. It is important to set the screen resolution of the monitor for any computer that runs the ALIS application to these specifications to ensure correct display of the various GUI components.
Log on to the SQRA Web Application

The ALIS application can be accessed by typing in the URL address https://my.ny.gov/ in Internet Explorer. Authentication is through the New York State Office of Information Technology Services (OITS). Once you have signed in, you will see a button for ALIS.
Performing a Simple Query

Home Screen
Enter a case number to be added to the view box or removed from the view box.

Browse to a text file that contains a list of comma separated values for Case number, Case year.

Click on the Simple Query button to open the parameter form for a new query.
1. Enter the date range for your query.

2. Define your Study Area.

Use these “Zoom” tools to help get to the location of interest. Once you are zoomed in, remember to Define your study area and “Append Selected Polygon on the Map to Study Area” above.
Defining your study area using the Add from Map Selection method.

This toolbar defaults to the “Draw” tab when the “Add from Map Selection” method is selected.

- Draw Polygon Tool
- Draw Freehand Polygon Tool
After drawing your study area polygon on the map, click on the "Append Selected Polygon on the Map to the Study Area" button.
You can delete your study area and redraw it.

Click “Next” to move to the “Save Query” Tab.

Use these buttons to help confirm you have the correct study area.
Defining your Study Area using boundaries from the Dropdown menus

Click on the Boundary Type Dropdown and select a boundary type from the menu.
1. After selecting a boundary type, make a selection from the Boundary Names by clicking on the Name. Note: There is a limit on the number/size of boundaries you can select to prevent too many records being returned.

2. After selecting your Study Area boundary, click on the “Append to Study Area” button and verify the correct boundaries are listed in the “Selected Boundary Names” box.

3. Click “Next” to move to the “Save Query” Tab.
Give your query a name and Click on the “Save Query” button to run the query.
The Green Tab indicates you have no new queries ready to view yet. When the query you just saved is complete, the tab will turn red. At this point you could begin a new query or use the map to perform other functions while waiting for results.
The Red Tab indicates you have a completed query that you have not viewed yet. To view the results, click on the red tab.
If you want to make sure your query is running, you can click on the “Simple Query Results” tab and click the “Check Status” button. The “Check Query Status” dialogue box will appear and you will see any queries that you have not viewed and any current queries that are “Running”. You may see a status of “Scheduled” occasionally when the query has not been picked up by the analysis engine yet. Click the “Check Query Status Now” button to refresh the status indicator.
You can view any completed query that has not been viewed yet by clicking the “load Results” button. This will open the “Load Results” dialogue box.

Select a query and click the “Load Result Layers of the Selected Query” button.
The results of the selected query will be loaded on the map (Red Triangles) and in the Simple query Results view box at the bottom of the map.