

OASIS Web Query & Mapping Tool – Tutorial Version 1.2

Notes On Usage of OASIS:

Multiple selections can be made for many attributes by holding down the Control or Shift keys and clicking on each selection.



Detailed Definitions are always available via the “Definitions” button. However, quick definitions are also available as mouseovers in any OASIS Web-Query output, as shown below:

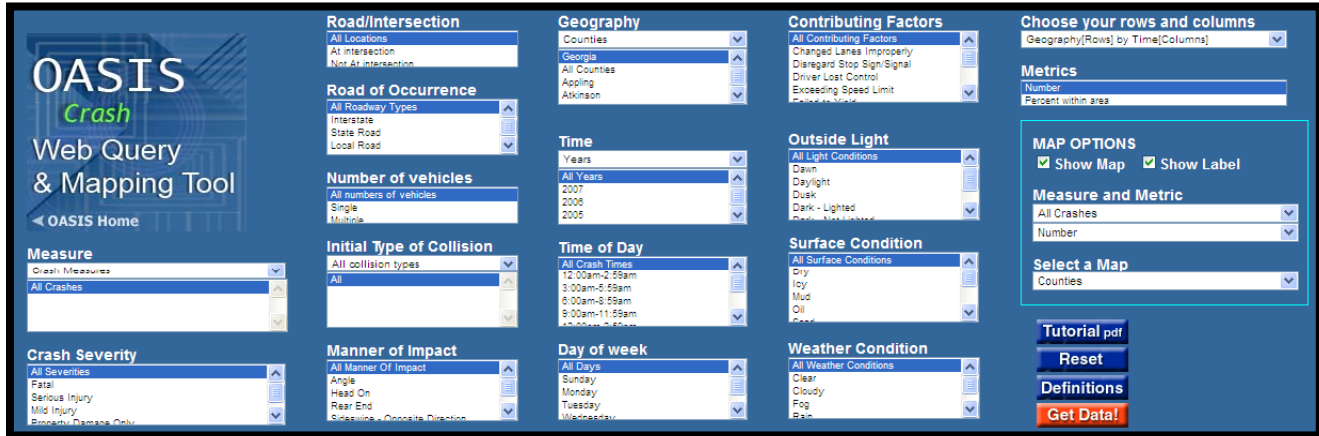
Crashes with Pickup Trucks			
Geography	2006	2007	Total
	Crashes with Pickup Trucks	Crashes with Pickup Trucks	Crashes with Pickup Trucks
	NUMBER	NUMBER	NUMBER
Appling	229	212	441
Atkinson		35	79
Bacon		112	181
Baker		41	54
Baldwin	635	620	1,255
Banks	173	200	373

The number of crashes for the selected attribute(s). Example: In 2003 Appling County had 71 crashes between 6:00 and 8:59 a.m.

The Online Analytical Statistical Information System (OASIS) is a suite of tools (WebQueries, Mapping Tool, Animated Charting Tool, and Cross-Tabulation Tool) designed, built and maintained by the Office of Health Indicators for Planning (OHIP) which can be used to access the Georgia Department of Public Health's standardized health data repository.

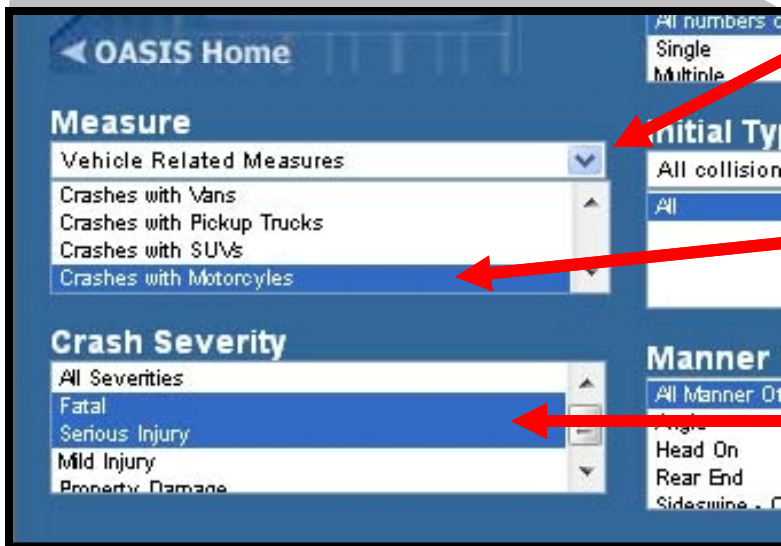
Lesson 1: Question: “Which counties in Georgia had a high number of fatal or severe injury motorcycle crashes in 2006 and 2007?”

Start from oasis.state.ga.us, in the Web Query & Mapping menu box, click on Motor Vehicle Crashes.



Choosing a Measure

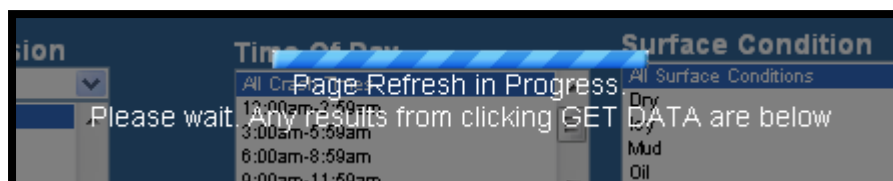
- In the **Measures** box, click and hold on the arrow on the right of “Crash Measures”, select “**Vehicle Related Measures**”
- Select “**Crashes with Motorcycles**”



Choosing an Attribute – Crash Severity

3. Hold your Control key down and select “Fatal” and then “Serious Injury”

Note: There will be times in your selection process where you'll be asked to wait for the page to refresh, this should only last a few seconds in most cases. You will see the message below at that time.



Choosing a Geography - Counties

4. Leave all the attributes in the second column set as the default, and go to **Geography** in the third column.
5. Leaving the Geography set to **Counties** click and select **All Counties**. All the counties in Georgia should be selected.

Choosing a Time - Years

6. Leave **Time** set to Years. Click and hold down on **2007** now slide down to **2006**, selecting both years.

Additional Attributes are made available in both columns 2 and 4. Column 5 on the far right provides the ability to adjust the output presentation and get the data.

Getting Results – Get Data!

7. Column 5 is used to determine how you want to see the data you're about to query.

Choose Your Rows and Columns determines how you would like to see the data displayed in the resulting table.

Metrics determines what numbers and rates you want displayed in your table.

MAP OPTIONS

This section determines what is on the map of your data

Measure and Metric –The mapping option is limited to one measure and one metric at a time. Select the measure and the metric that you want mapped.

The screenshot shows the OASIS configuration interface. At the top, there is a dropdown menu labeled "Choose your rows and columns" with the text "Geography[Rows] by Time[Columns]". Below this is a "Metrics" section with two options: "Number" (selected) and "Percent within area". A "MAP OPTIONS" section contains two checked checkboxes: "Show Map" and "Show Label". Below that is a "Measure and Metric" section with two dropdown menus: "Crashes with Motorcycles" and "Number". A "Select a Map" section has a dropdown menu set to "Counties". At the bottom, there are four buttons: "Tutorial pdf", "Reset", "Definitions", and "Get Data!". Red arrows from the text blocks point to the "Choose your rows and columns" dropdown, the "Number" metric option, the "Measure and Metric" dropdowns, and the "Get Data!" button.

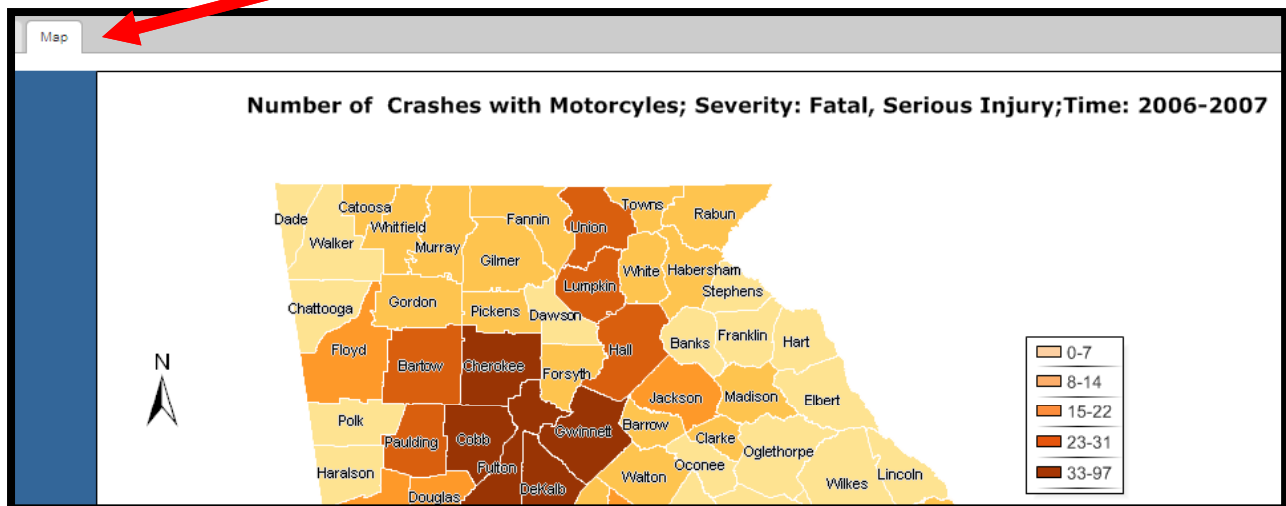
8. Keep the defaults for column 5 and click on "Get Data!". Your data will display below the query.

Data Table Map

Crashes with Motorcycles; Severity: Fatal, Serious Injury			
Geography	2006	2007	Total
	Crashes with Motorcycles NUMBER	Crashes with Motorcycles NUMBER	Crashes with Motorcycles NUMBER
Appling	1	1	2
Atkinson	0	2	2
Bacon	0	0	0
Baker	0	0	0
Baldwin	0	4	4
Banks	0	0	2

Data is displayed under the Data Table tab.

The map is displayed under the Thematic Map tab.



Review of the **data** shows that the **highest numbers of fatal and serious injury motorcycle crashes** for 2006 through 2007 took place in urban counties.

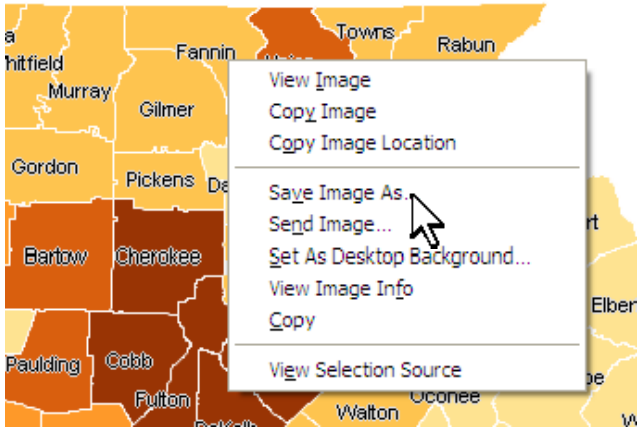
Getting the data and map where it can be used for presentation. Data tables can be highlighted with your mouse, copied and pasted into the application of your choice.

Data Table Map

Crashes with Motorcycles; Severity: Fatal, Serious Injury			
	2006	2007	Total
Geography	Crashes with Motorcycles	Crashes with Motorcycles	Crashes with Motorcycles
	NUMBER	NUMBER	NUMBER
Appling	1	1	2
Atkinson	0	2	2
Bacon	0	0	0
Baker	0	0	0

Maps can be saved by right clicking on the map and then choosing to “Save Image As” and you will be able to save the image to a *.png formatted file.

Crashes with Motorcycles; Severity: Fa





Feedback: At the bottom of each results page OASIS provides an opportunity to provide your feedback. You are encouraged to tell us how to make OASIS better.

Optional: Please provide feedback

Did you find the data or information you need? Yes No

Would you recommend OASIS to others? Yes No

Please enter any comments or suggestions below

- (Optional) Let us know how you plan to use the data.
- (Optional) Enter your contact information if you'd like us to follow up with you.