

2012 Best Traffic Records Web Page

Again for 2012, ATSIP seeks to recognize exemplary work in the field of "**Best Traffic Records Web Page**". A wealth of information exists on the Internet. This questionnaire, and a visit to your web site, will provide the means of evaluation for the committee to select and award the governmental agency that makes the most **complete and accurate** traffic records safety information available to the public. Characteristics we will be considering include:

Ease in getting to the site,
Navigating the site,
Querying the data,
The availability of multiple years of data,
User-Friendly.

1. Web Page Address proposed for Consideration:
<http://datareports.lsu.edu>
2. Agency Submitting:
Highway Safety Research Group – Louisiana State University
<http://hsrg.lsu.edu>
3. Contact's Name & Title:
Cory Hutchinson
Associate Director
4. Contact's Phone Number:
(225) 578-1433
5. Contact's E-mail Address:
cory@lsu.edu

▪ Traffic Records Data Components - Please Complete As Appropriate To the Web Page:

▪ Crash Data

- Number Of Years of Data Available At The Site That May Be Queried
Twenty one (21)
1992 – 2012

The main site has data available from 1/1/2005—present, however you can still access crash data reports from 1992-2004 under the 'Archive Reports' section.

- Most Current Year of Data Available
2012
- % of Crash Report information available on the web site
100% - This website comprises data from all crash reports received in Louisiana.
- % MMUCC Compliant
LA's crash database is 90+% MMUCC Compliant

- Integration of data - Can data in files be linked with other files by common identifiers?
Crash reporting data is linked with COBRA (breathalyzer) data, coroner report data, vital statistic data, driver license data, vehicle miles traveled data, roadway data, and other sources to create the various reports found within this website.
- Is a Selection Of Canned Reports Available?
All reports are canned reports, divided into the following sections: Crash Reports, CMV Reports, Special Reports, DWI Reports, Performance Measures, and Archived Reports (1992-2004). We are currently creating an ad-hoc reporting section entitled 'Report Builder' that can be viewed at <http://datareportsdev.lsu.edu/ReportBuilder.aspx>. This section of the website is currently in development and is expected to be in production by the time of the conference.
- Is An On Line Manual Or Help Function Available To Assist Users With Navigating and Accessing Data On the Site?
Because the website, is very easy to use and navigate, it does not have an online manual. Users can quickly and efficiently search for the crash data characteristics they see by using the 'Quick Find' search function.

1) What, in your opinion, is the web site's best feature?

The website design is clear and visually appealing, which promotes ease of access to a large store (21 years worth) of crash report data.

2) How would you improve the site?

1. We are always looking for ways to improve the site and have several improvements underway. The following changes are currently in progress and projected to be completed by October 2012:

- a. Enhance the back-end of the website to pull data from our new crash Business Intelligence Cubes (OLAP) versus our transactional database (OLTP).
- b. Modify the reports to use MDX in place of SQL to extract the data
- c. Convert from stored procedures and cached web pages to XML forms
- d. Further enhance the user control features of the website.

We are in the process of adding user controls to the website to help the user interact with the reports. The following enhancements have already been added to some of the reporting sections and we are working to add them to all sections. To view the following improvements, view reports B2 – B6, C2 – C6, or F1 – F6 within the 'Crash Reports' section.

- i. Sort the data within the report (click on the arrow within the column header)
- ii. Change the year within the report (click the arrow next to the year within the report header)
- iii. Change from state to parish level within the report (click the arrow next to Louisiana within the report header)
- iv. Extract the report data to Excel (click the 'Export to Excel' button)
- v. Create a graph of the report data (click the 'View Chart' button)

- e. Create an ad-hoc 'Report Builder' section that will enable users customize crash data reports according to their dimensions of interest. Report Builder can be viewed at URL: <http://datareportsdev.lsu.edu/ReportBuilder.aspx>.

3) How often is the site updated?

We update the data warehouse and website on a weekly basis (every Sunday night).

4) Is the web page 'agency' designed or was a vendor used?

We designed our website internally, based on the types of crash data requests the Highway Safety Research Group received throughout the years from various state, local, and law enforcement agencies.

5) Are levels of access to data permitted according to need or status?

The entire website is open to anyone.

6) Does the Statewide Traffic Records Coordinating Committee approve updates or changes to the page?

I serve as the Associate Director of the Highway Safety Research Group and the Coordinator of Louisiana's Traffic Records Coordinating Committee (LA TRCC). As such, I make sure LA TRCC stays up-to-date about the website, and I also represent LA TRCC in the decision-making process.

7) What Agency has responsibility for maintaining the site?

The [Highway Safety Research Group](#) is responsible for the development and maintenance of the website.

8) Describe any further improvements you intend to make.

We are looking into utilizing dashboards more and creating drill-through charts and graphs.

Reports D3 and I4, within the 'Crash Reports' section, contain a wealth of crash data information at a parish level. We are looking into ways of making these reports more prominently displayed, as these two reports are the most accessed reports by users, including the media.

9) Does the agency advertise the Site? How?

We advertise the website in multiple ways:

- 1) Meetings
 - a. LA TRCC
 - b. Strategic Highway Safety Plan
 - c. Regional Coalitions
 - d. Safety Meetings
- 2) Conferences

- a. ATSIP
 - b. LA Engineering Conference
- 3) Website
 - a. Highway Safety Research Group
 - b. Department of Transportation and Development
 - c. Louisiana Highway Safety Commission