



JUSTIN ATWELL
APPRISS INC.

What is FIRES?

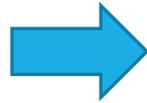
- Free Web Based Crash Utility for Traffic Safety and Non-Traffic Safety Stakeholders
 - Member
 - Public
 - Electronic FL Driver's Self-Report of Traffic Crash
 - Crash Documentation Library
- Central Repository for Traffic Records Information
 - User Interface
- Partnership between FLHSMV and Appriss Inc.



How do crashes get to FIRES?

START

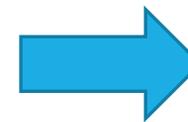
Crash Occurs



Crash Report
Investigation
Completed
by LEA



Submission
to DHSMV
(Paper or
Electronic)



END

FIRES Receives
(Daily)

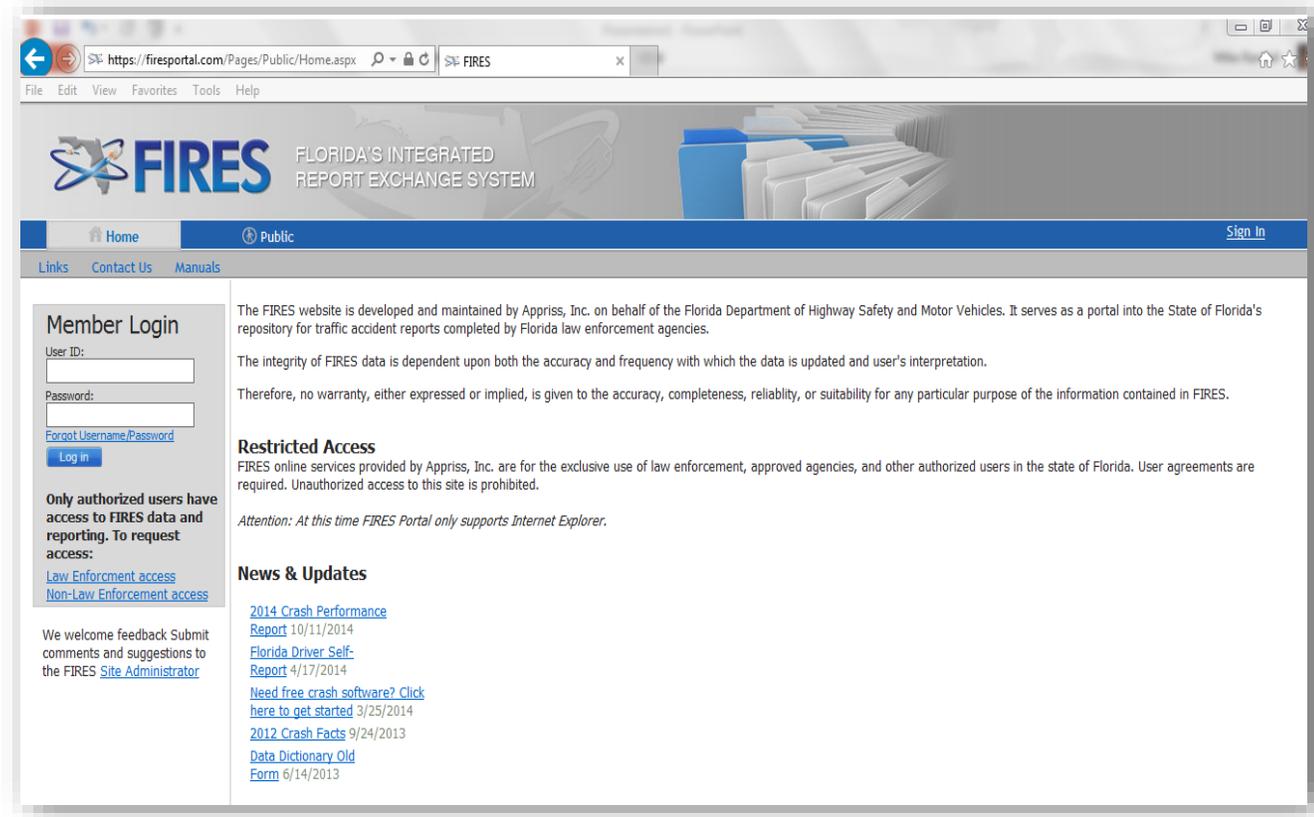
- Statewide Crash Data
- Images Included
- Data is reconciled with DHSMV central repository database for integrity.

FIRES Portal: Members

- URL: firesportal.com

USERS:

- Law Enforcement
- Traffic Safety Engineers
 - Local, County, State, Federal Public Traffic Safety Engineers
- State Attorney's Office
- Others



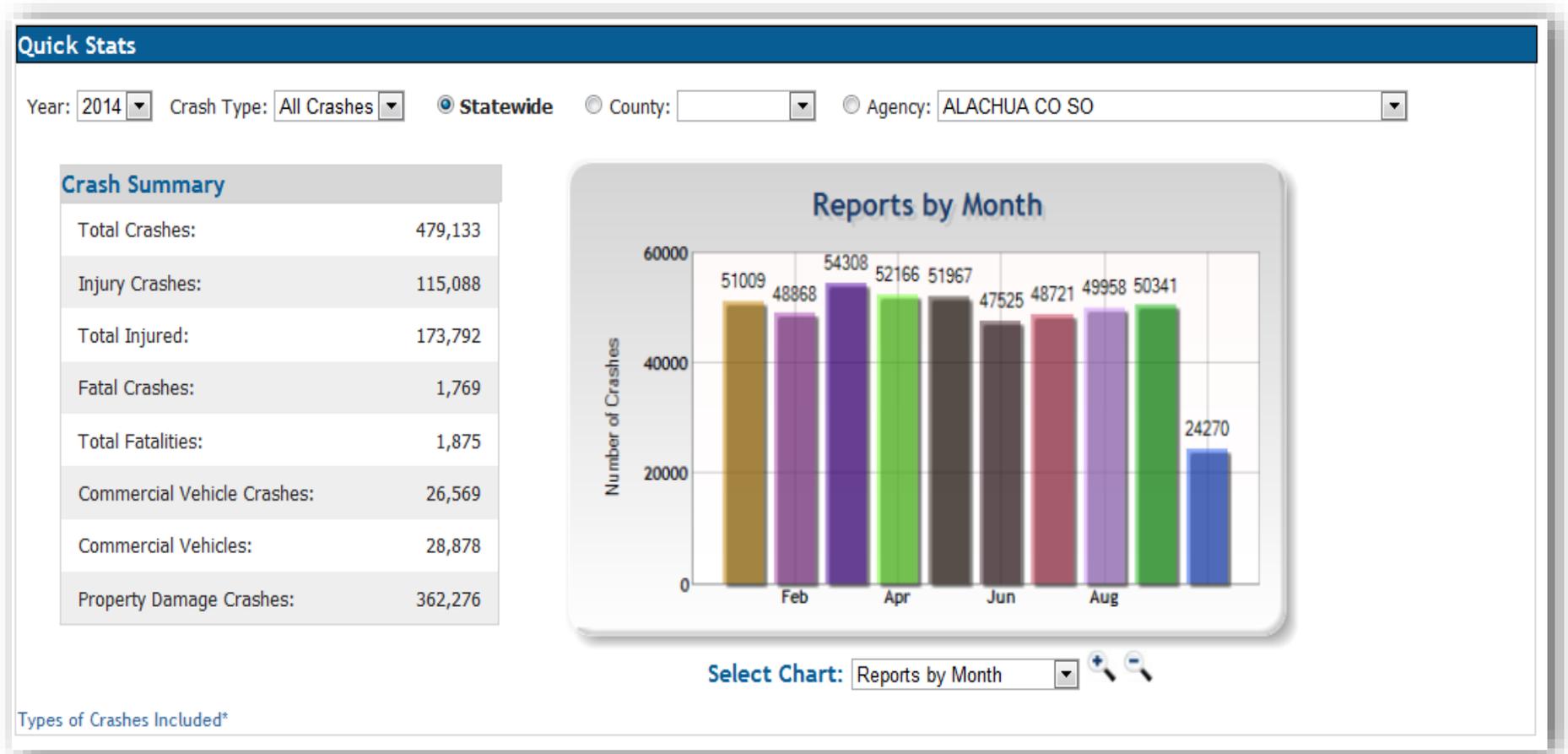
The screenshot displays the FIRES Portal website in a browser window. The address bar shows the URL <https://firesportal.com/Pages/Public/Home.aspx>. The page features the FIRES logo and the text "FLORIDA'S INTEGRATED REPORT EXCHANGE SYSTEM". A navigation bar includes "Home", "Public", and "Sign In" links. Below the navigation bar, there are links for "Links", "Contact Us", and "Manuals".

The main content area is divided into two columns. The left column contains a "Member Login" section with input fields for "User ID:" and "Password:", a "Forgot Username/Password" link, and a "Log in" button. Below the login section, a warning states: "Only authorized users have access to FIRES data and reporting. To request access: [Law Enforcement access](#) [Non-Law Enforcement access](#)". At the bottom of this column, a feedback section says: "We welcome feedback Submit comments and suggestions to the FIRES [Site Administrator](#)".

The right column contains a disclaimer: "The FIRES website is developed and maintained by Appriss, Inc. on behalf of the Florida Department of Highway Safety and Motor Vehicles. It serves as a portal into the State of Florida's repository for traffic accident reports completed by Florida law enforcement agencies. The integrity of FIRES data is dependent upon both the accuracy and frequency with which the data is updated and user's interpretation. Therefore, no warranty, either expressed or implied, is given to the accuracy, completeness, reliability, or suitability for any particular purpose of the information contained in FIRES." Below this is a "Restricted Access" section: "FIRES online services provided by Appriss, Inc. are for the exclusive use of law enforcement, approved agencies, and other authorized users in the state of Florida. User agreements are required. Unauthorized access to this site is prohibited." An attention note follows: "Attention: At this time FIRES Portal only supports Internet Explorer." The "News & Updates" section lists several items: "2014 Crash Performance Report 10/11/2014", "Florida Driver Self-Report 4/17/2014", "Need free crash software? Click here to get started 3/25/2014", "2012 Crash Facts 9/24/2013", and "Data Dictionary Old Form 6/14/2013".

Member: Quick Stats

- 2011-Current
- Dynamic
- All vs Long Form Definition (FS 316.066)
- Statewide, County, Agency
- Charts



Members: Advanced Search

FIRES FLORIDA'S INTEGRATED REPORT EXCHANGE SYSTEM

Home | Crash Data | Reports & Extracts | Training

Find a Document | Geolocation Search | **Advanced Search**

Selected Criteria: [Save](#)

- [del](#) | [edit](#) **Date of Crash** is between 1/1/2014 and 1/31/2014 And
- [del](#) | [edit](#) **Agency** is one of: TALLAHASSEE PD And
- [del](#) | [edit](#) **Codeable** is Yes And
- [del](#) | [edit](#) **First Harmful Event** is one of: 14 - Motor Vehicle in Transport

Summary:

| | |
|--------------------------|------------------------------------|
| 315 Total Crashes | 624 Total Vehicles Involved |
|--------------------------|------------------------------------|

Injury Details:

| | |
|----------------------------------------------------|---------------------------------------------|
| 120 Crashes with Injuries* | 197 Total Injuries |
| 120 Injury Crashes** | |
| | 122 Driver Injuries |
| 9 Crashes with Incapacitating Injuries | 10 Total Incapacitating Injuries |
| 45 Crashes with Non-incapacitating Injuries | 64 Total Non-incapacitating Injuries |
| 86 Crashes with Possible Injuries | 123 Total Possible Injuries |

*Crashes with Injuries are all crashes with at least one reported injury, and including those where a fatality was reported.
**Injury Crashes are any crash in which there was at least one reported injury, and excluding those where a fatality was reported.

Fatality Details:

| | |
|----------------------------------|----------------------------|
| 0 Crashes with Fatalities | 0 Total Fatalities |
| | 0 Driver Fatalities |

*As of Date: 10/20/2014

[View Results](#) | [Export Results](#) | [Show Crash Map](#) | [Show Frequency Map](#) | Select Chart:

- 100+ Searchable Data Elements from Crash Report
- Summary section
 - Crashes, Injuries, Fatalities

Advanced Search: View Results

- Crash Report Image
- Crash Level Information
- Geolocation per crash
- Fatality/Injured Counts

View Results | Export Results | Show Crash Map | Show Frequency Map | Select Chart: Select Chart Type

| | MRN | HSMV Crash Report Number | Reporting Agency Case Number | Agency Name | Date of Crash | Location | Injured Count | Fatalities Count | Date of Processing | Type | Severity | Score | Yes | L |
|----------------------|---------|--------------------------|------------------------------|----------------|-------------------|----------------------------------------|---------------|------------------|--------------------|------|----------|--------|-----|---|
| view | 6350343 | 84313335 | 001400083 | TALLAHASSEE PD | 1/01/2014 8:04 PM | 3096 WALDEN RD | 0 | 0 | 1/08/2014 5:25 PM | 03 | | | | |
| view | 6350360 | 84313391 | 0014000384 | TALLAHASSEE PD | 1/05/2014 1:30 AM | 303 LIPONA RD | 0 | 0 | 1/08/2014 5:26 PM | 03 | | | | |
| view | 6350377 | 84313342 | 0014000130 | TALLAHASSEE PD | 1/02/2014 2:15 PM | TENN ST near DEWEY ST N | 0 | 0 | 1/08/2014 5:26 PM | 03 | | | | |
| view | 6350496 | 84313388 | 0014000346 | TALLAHASSEE PD | 1/04/2014 6:24 PM | MAGNOLIA DR at LAFAYETTE ST E | 6 | 0 | 1/08/2014 5:28 PM | 03 | | | | |
| view | 6350758 | 84313395 | 0014000428 | TALLAHASSEE PD | 1/05/2014 3:21 PM | MONROE ST at COLLEGE AVE | 2 | 0 | 1/08/2014 5:33 PM | 03 | 30.44 | -84.28 | Yes | L |
| view | 6350937 | 84313375 | 0014000258 | TALLAHASSEE PD | 1/03/2014 8:28 PM | LAKE BRADFORD RD near JACKSON BLUFF RD | 0 | 0 | 1/08/2014 5:36 PM | 03 | 30.43 | -84.30 | Yes | L |

Fatality Details:

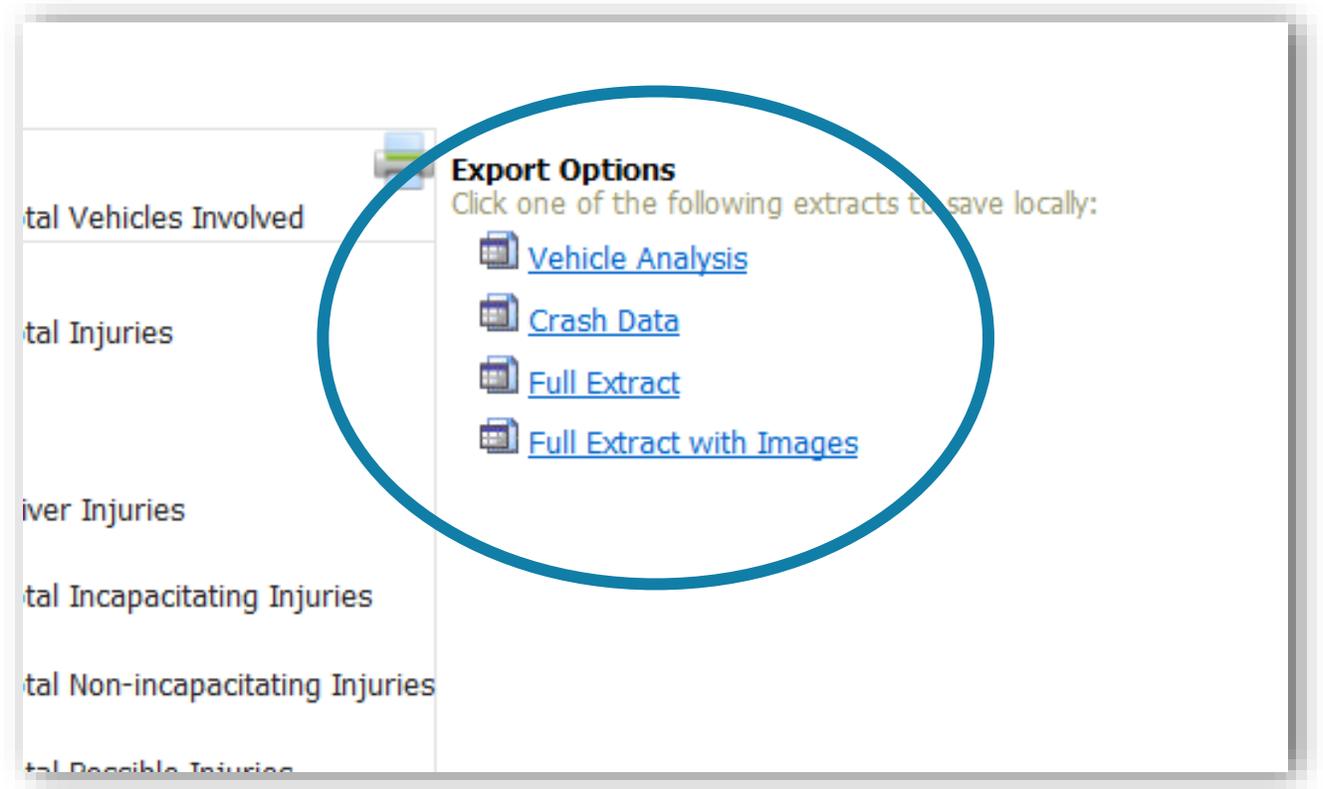
0 Crashes with Fatalities

***As of Date: 10/22/2014**

[View Results](#) | [Export Results](#) | [Show Crash Map](#)

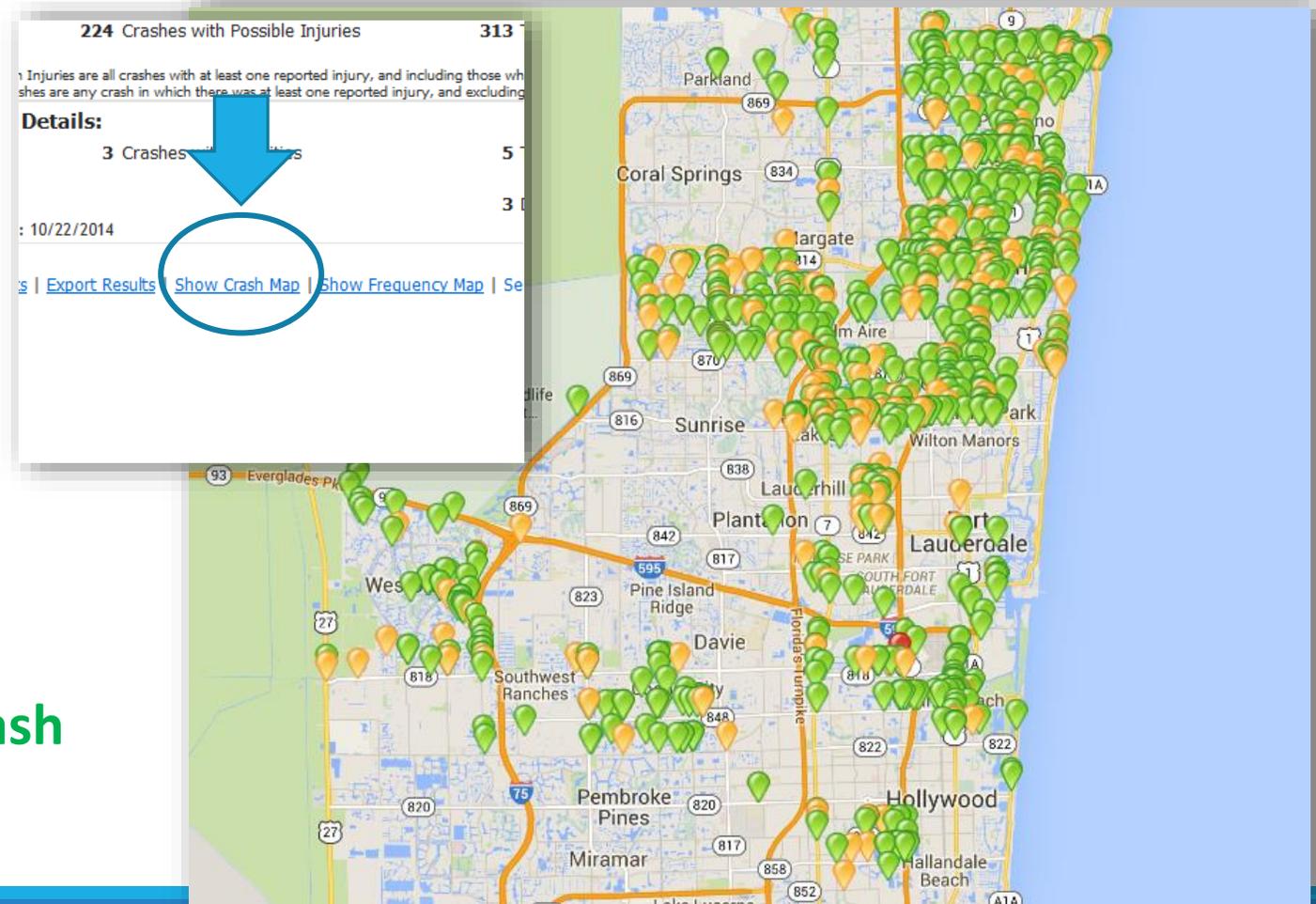
Advanced Search: Export

- Export Result Set
 - Excel
- Full Extract
 - All Reported Data Elements
- Vehicle & Crash Analysis



Advanced Search: Show Map

- Geocode Data via Google Maps
- Color Coordination of Pinpoints
 - **RED: Fatal Crash**
 - **YELLOW: Injury Crash**
 - **GREEN: Property Damage Crash**



Members: Geolocation Search

- Spatial Analytical Utility
 - Google Maps Interface
- Statewide Crash Data Provided through Partnership with University of Florida Signal 4 Analytics
- Review intersections, red light camera areas, stretches of roads, etc.

FIRES FLORIDA'S INTEGRATED REPORT EXCHANGE SYSTEM

Home | Crash Data | Reports & Extracts | Administration | Training | DHSMV # or Age

Find a Document | **Geolocation Search** | Advanced Search | FL Name Search | Self Reporting Template | North Miami PD Review Status Template

Useful Tips:

Hand Icon
Click this icon to move your view of a map up and down as well as left and right. This is particularly useful when you have zoomed in on a view, and want to move the view around to see other areas of interest.

Zoom Control
Click the '+' to zoom in on the map view to see more detail. Click the '-' to zoom out.

Draw Icon (square image next to hand icon)
Click this icon to allow you to draw a box/rectangle around a specific area of the map. Doing so will automatically enter the latitude and longitude criteria into your search and will display accidents that have coordinates within the box.

Polygon/Circle Icons (Images next to the square icon)
Click these icons to draw a polygon/circle around a specific area of the map. Doing so will automatically filter your results to the area inside the shape.

Adding Additional Criteria
Choose your index by selecting from the drop-down under the 'Index' label. Once you have chosen an index field, you can add your search values and click 'Insert Criteria'.

Show All
Click this box to see additional search options.

Map | Satellite

Go To Location

Members: Geolocation Search

- Choose location and Draw an object
 - Square, polygon, or circle
- Build Crash Parameters
- 100+ Searchable Data Fields Included
- Result set similar to Advanced Search



FIRES Portal: Public

- URL: firesportal.com
 - Click “Public” tab
- Dynamic Reporting Utility
 - Refreshed once a day
- Deployed Summer of 2014
- Why Created?
 - Offset’s HSMV Public Records Data Requests
 - Supplement Static Reporting
 - Modern Data Collection
 - i.e. geolocations, mapping interfaces, etc.

The screenshot shows the FIRES Portal Public interface. At the top, there are navigation tabs: Home, Public (highlighted with a blue circle and arrow), Quick Statistics, Advanced Search, and Traffic Crash Facts. Below the navigation is a section for Additional Resources with links to the Public Portal Resource Guide, Florida Driver Self-Report, and FL Dept. Highway Safety and Motor Vehicles. A feedback section invites users to submit comments to the Site Administrator. A Support section provides contact information: Phone: (866) 495-4206 and Email: fires@appriss.com.

The main content area features a filter section with Year: 2014, Statewide selected, County: [dropdown], and Agency: ALACHUA CO SO. Below this is a Crash Summary table:

| Crash Summary | |
|-----------------------------|---------|
| Total Crashes: | 263,946 |
| Injury Crashes: | 115,083 |
| Total Injured: | 173,782 |
| Fatal Crashes: | 1,769 |
| Total Fatalities: | 1,875 |
| Commercial Vehicle Crashes: | 26,569 |
| Commercial Vehicles: | 28,878 |
| Property Damage Crashes: | 147,094 |

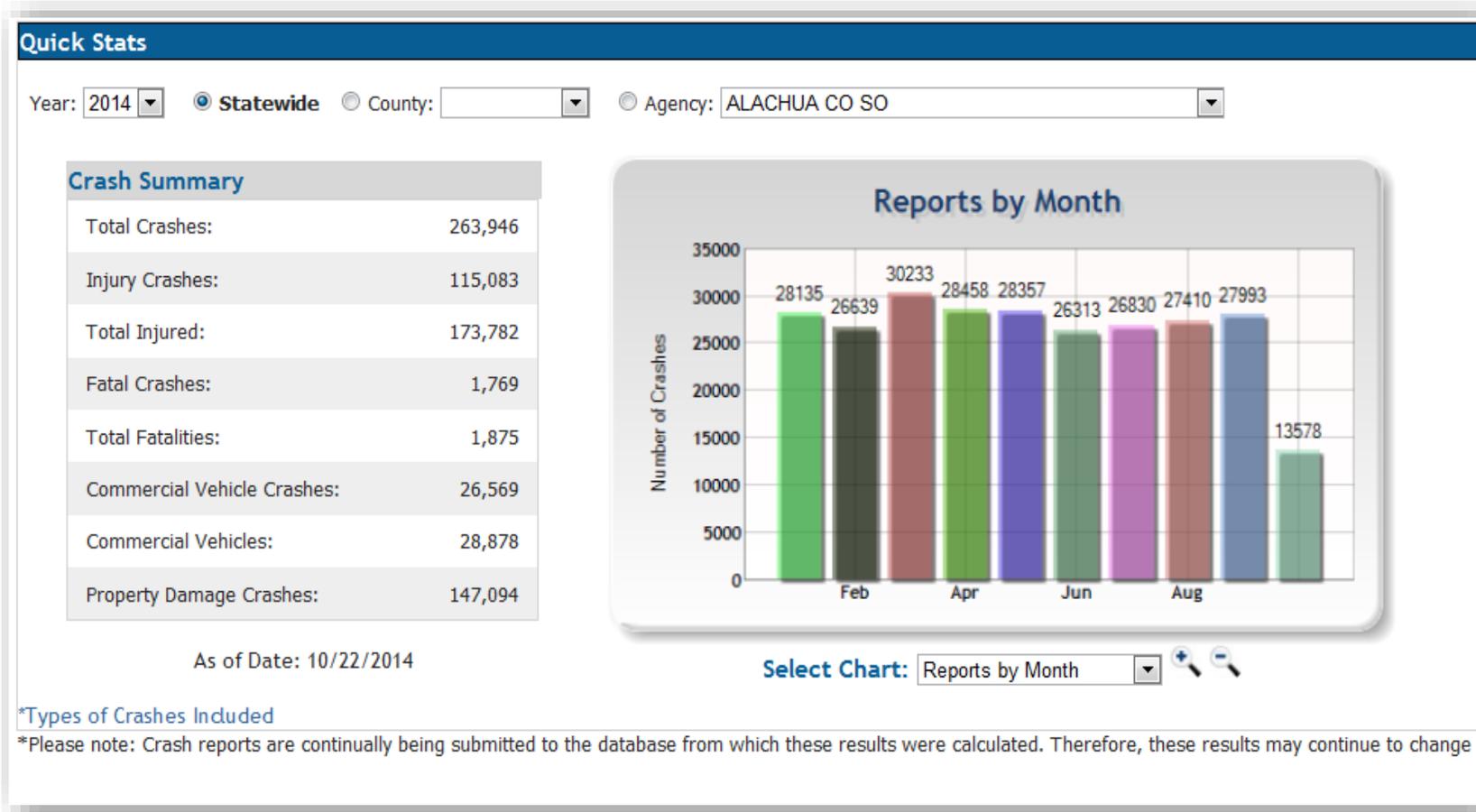
As of Date: 10/22/2014

To the right is a bar chart titled "Reports by Month" showing the number of crashes per month. The Y-axis is labeled "Number of Crashes" and ranges from 0 to 35,000. The X-axis shows months: Feb, Apr, Jun, Aug. The data points are: Feb (28,135), Mar (26,639), Apr (30,233), May (28,458), Jun (28,357), Jul (26,313), Aug (26,830), Sep (27,410), Oct (27,993), and Nov (13,578).

At the bottom, there is a "Select Chart:" dropdown menu set to "Reports by Month" and a disclaimer: "*Types of Crashes Included" and "*Please note: Crash reports are continually being submitted to the database from which these results were calculated. Therefore, these results may continue to change dependi".

Public: Quick Stats

- Crashes meet FS 316.066 definition only.
 - Term: Codeable/Long Form
 - Meets: ***HSMV Crash Facts***
- 2011-current data
- Search by statewide, county, agency
- Specified charts per search



Public: Advanced Search

- Build ad hoc queries
- 35+ Searchable Crash Fields
- Results set
 - Crashes
 - Injuries
 - Fatalities

The screenshot displays the 'Public: Advanced Search' interface. At the top, there are navigation tabs for 'Home', 'Public', 'Quick Statistics', 'Advanced Search', and 'Traffic Crash Facts'. The 'Advanced Search' tab is active. Below the navigation, the 'Selected Criteria' section shows two criteria: 'Date of Crash is between 1/1/2013 and 3/31/2013' and 'County of Crash is one of: Leon'. The 'Add Criteria' section features a table with columns for 'Index', 'Operand', and 'Search Value'. The 'Index' dropdown is set to 'Agency', and the 'Operand' is 'is one of:'. The 'Search Value' dropdown is open, showing a list of agencies including ALACHUA CO SO, ALACHUA PD, ALTAMONTE SPRING, ALTHA PD, APALACHICOLA PD, APOPKA PD, ARCADIA PD, ASTATULA PD, ATLANTIC BEACH PD, and ATLANTIS PD. Below the dropdown is a button labeled 'Insert Criteria'. At the bottom of the search area are 'Search' and 'Clear Search' buttons. A summary pop-up window is overlaid on the right side of the screen, providing a detailed breakdown of the search results.

Summary:

| | |
|---------------------|-------------------------------|
| 1,432 Total Crashes | 2,649 Total Vehicles Involved |
|---------------------|-------------------------------|

Injury Details:

| | |
|----------------------------------------------|---------------------------------------|
| 599 Crashes with Injuries* | 814 Total Injuries |
| 599 Injury Crashes** | 547 Driver Injuries |
| 38 Crashes with Incapacitating Injuries | 45 Total Incapacitating Injuries |
| 221 Crashes with Non-incapacitating Injuries | 272 Total Non-incapacitating Injuries |
| 399 Crashes with Possible Injuries | 497 Total Possible Injuries |

Fatality Details:

| | |
|---------------------------|---------------------|
| 3 Crashes with Fatalities | 3 Total Fatalities |
| | 2 Driver Fatalities |

*As of Date: 10/22/2014

*Types of Crashes Included
*Please note: Crash reports are continually being submitted to the database from which these results are generated.
**Please Note: If a search is conducted for ALL of Florida Highway Patrol (FHP), each troop will not be included in the results.

*Crashes with Injuries are all crashes with at least one reported injury, and including those where a fatality was reported.
**Injury Crashes are any crash in which there was at least one reported injury, and excluding those where a fatality was reported.

Public: Advanced Search

- View Results
 - Date of Crash
 - Agency
 - Location
 - Others
- Geolocation of Crash
 - Google Map

2 Driver Fatalities

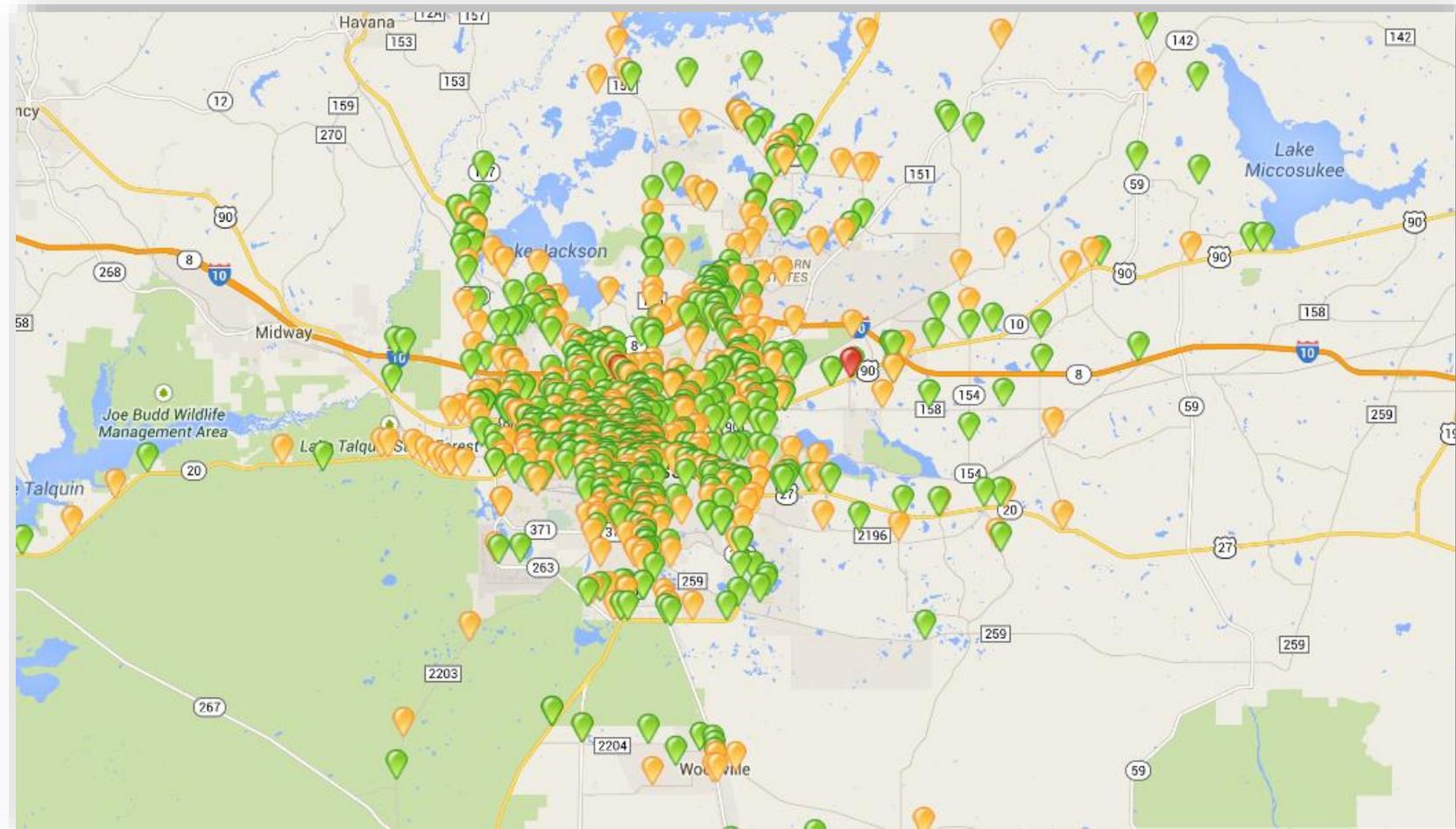
*As of Date: 10/22/2014

[View Results](#) | [Export Results](#) | [Show Map](#) | [Show Frequency Map](#) | Select Chart:

| | Date of Crash | Agency Name | Location | Co |
|--|--------------------|----------------|-----------------------|----|
| | 1/01/2013 12:00 AM | LEON CO SO | 10150 MICCOSUKEE ROAD | |
| | 1/01/2013 12:00 AM | LEON CO SO | 3433 RIDGE RD | |
| | 1/01/2013 12:42 AM | TALLAHASSEE PD | THARPE ST near OL | |
| | 1/01/2013 1:00 AM | TALLAHASSEE PD | 4495 SHELFER RD | |
| | 1/01/2013 1:49 AM | TALLAHASSEE PD | EPPES DR near AIR | |
| | 1/01/2013 2:30 AM | TALLAHASSEE PD | 1658 SPRINGWOOD | |
| | 1/01/2013 3:00 PM | TALLAHASSEE PD | CAPITAL CIR NE ne | |
| | 1/01/2013 9:59 PM | TALLAHASSEE PD | APALACHEE PKWY n Hwy | |
| | 1/01/2013 11:20 PM | TALLAHASSEE PD | CAPITAL CIR NE ne | |
| | 1/02/2013 7:54 AM | FHP TROOP H | SR 8 203MM EXIT R | |
| | 1/02/2013 9:01 AM | TALLAHASSEE PD | THOMASVILLE RD a | |

Advanced Search: Show Map

- Geocode Data via Google Maps
- Color Coordination of Pinpoints
 - **RED: Fatal Crash**
 - **YELLOW: Injury Crash**
 - **GREEN: Property Damage Crash**

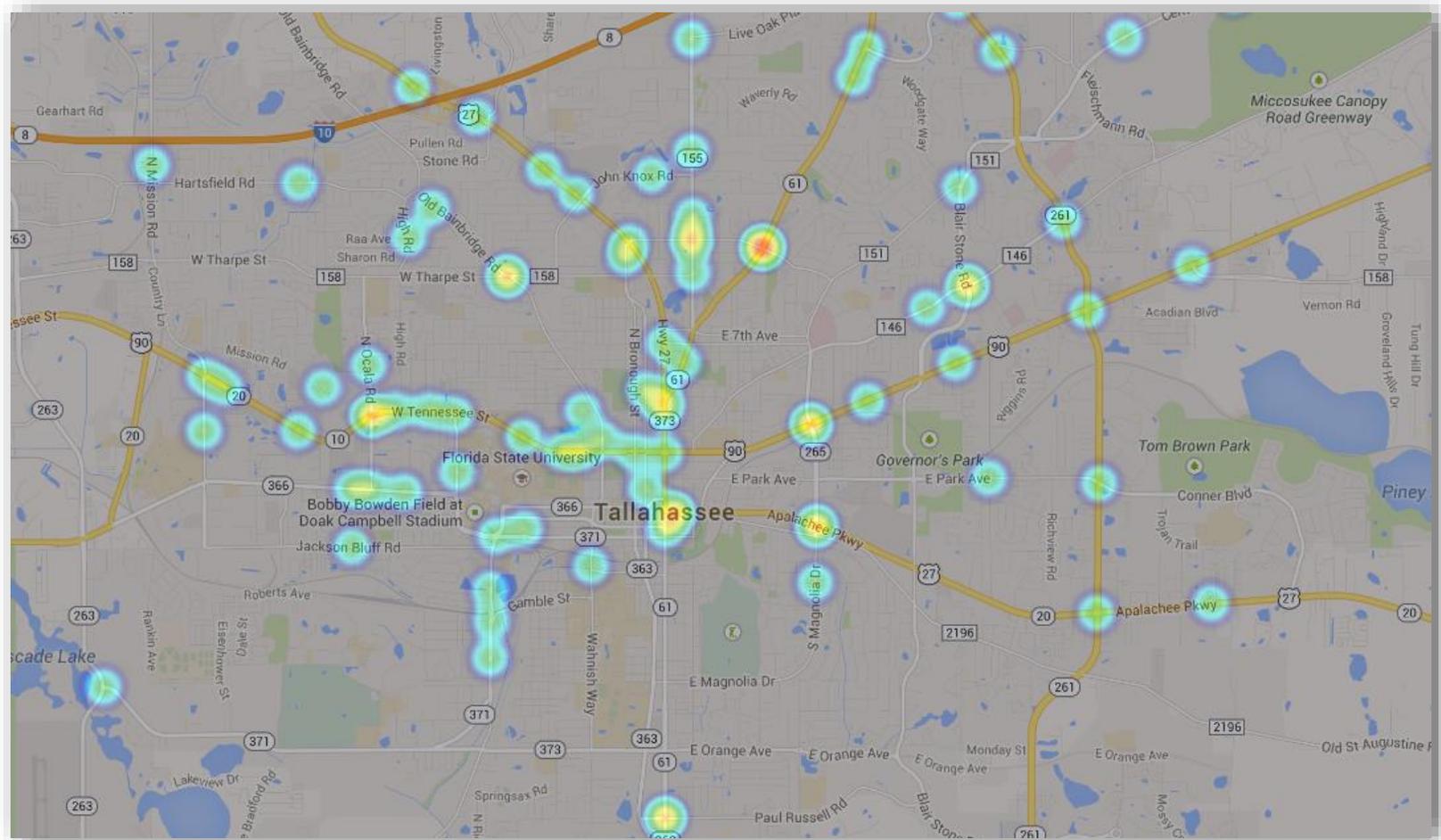


Advanced Search: Frequency Map

- Density of Crashes
 - Google Maps
 - Geocoded Data

• USES

- Allocation of officers for LEA
- High Accident Locations
- Determinations of why?



Online FL Driver's Report of Traffic Crash

- Online Driver's Self Report
 - Convenience option
- Produces free copy of report
- 500-700 Reported Crashes per Month

Self-Reported Traffic Crash

Qualifier Questions Crash Details Your Details Other Parties Details Confirmation

1 2 3 4 5

First, let's check if your crash qualifies for Self-Reporting

Yes No Were there any injuries or fatalities?

Yes No Was the crash a hit and run?

Yes No Was the vehicle occupied at time of crash?

Yes No Did your vehicle have to be towed?

Yes No Did the crash involve an intoxicated driver?

Attention: At this time Florida Driver's Online Self-Report only supports Internet Explorer.
Click here for paper [FL Driver's Self-Report Form](#). Once completed, please return to fires@appriss.com for processing.

Next

Next Steps....

- Updating functionality on Driver's Self Report
- Adding Geolocation Utility to Public Section
- Adding additional fields to Public Section/Advanced Search
- Web-based DHSMV Crash Reporting Utility on Public Section
 - *Crash Facts*



Questions?

