

2021-2022 Crash & UTC Data Improvement Grant

Project Objectives- Crash

Increase UTC accuracy and completeness by 5% based on the previous year's baselines

Defined "Accuracy" as "No review required" which equals "officer mapped" and "computer confident" and call this "% Accepted as Accurate."

Baseline: 10/01/20 – 9/30/21 (675,481 reports)

- Officer mapped 187,529
- Computer confident 159,096
- 51.31% Accepted as Accurate

Current: 10/01/21 – 8/31/22 (632,448 reports)

- Officer mapped 184,050
- Computer confident 149,061
- 52.67% Accepted as Accurate (or 333,111 of 632,448)

Project Objectives- Crash

Define a process to provide crash location accuracy reports to LEA on a quarterly basis

FDOT/FLHSMV meeting held on 9/1 to demo FDOT/S4 geolocation process merger.

❖ Key take aways:

- How analysts determine accuracy
- Fatal report that FDOT provides FLHSMV FARS Unit will be added to S4 (pending fully merged roadway data w/in S4)
- FDOT Goal is to determine collision of crash 5 feet from impact
- Location data being collected in back end to create location comparison report (FDOT verified, LEA submission, S4)

Project Objectives- Crash

Define a process to provide crash location accuracy reports to LEA on a quarterly basis

Next Steps:

- ❖ FLHSMV to coordinate with FDOT on receiving verified location data
- ❖ Understand FDOT location comparison report's rating criteria:
 - Foot of distance comparison between the FDOT verified location and original location submission
- ❖ Determine how to incorporate this data within LEA ACT quarterly reports

Project Objectives- Crash

Identify and develop a method to conduct sample-based audits for electronically submitted crash reports to improve the FLHSMV crash system's data quality program.

Samples were received from FHP, PDs, and SOs and include a sampling from all active e-crash vendors.

- ❖ 169 reports were solicited
- ❖ 151 reviewed (84 long forms, 67 Updates), from 67 different agencies
- ❖ Methodology:
 - Crash report was broken into 8 sections
 - Total number of 47,146 fields compared
 - Reviewed 151 reports for data element field errors
 - Error Classification: Inaccurate, Incomplete, or as a Uniformity Discrepancy

Project Objectives- Crash

Identify and develop a method to conduct sample-based audits for electronically submitted crash reports to improve the FLHSMV crash system's data quality program.

Results:

- ❖ Out of 47,146 data fields reviewed, 11 data fields (or 0.03%) were found to be **Inaccurate**
- ❖ Out of 47,146 data fields reviewed, 55 data fields (or 0.06%) were found to be **Incomplete**
- ❖ Based on 47,146 fixed data fields reviewed, there were 35 additional fields, which is a **Uniformity Discrepancy** of 0.07%

Project Objectives- UTC

Create a survey for stakeholder to determine the accessibility of Citation and Adjudication data for their needs

- ❖ The grant team identified citation/adjudication stakeholders
- ❖ Created a citation/adjudication stakeholder survey to determine data accessibility needs
- ❖ Leadership approval was received, and survey was distributed:
 - On 8/31/22
 - Closes 9/14/22
 - 1,716 users

Project Objectives- UTC

Establishing a UTC accessibility performance measure and baseline

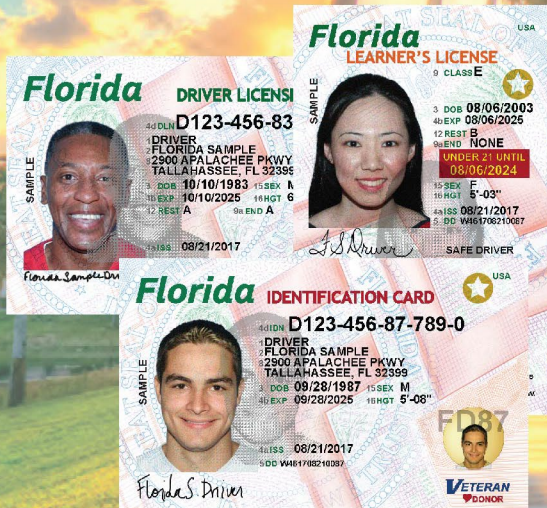
Next Steps:

- ❖ Await close out to compile and review responses
- ❖ Identify baseline and develop performance metric to improve the accessibility of citation and adjudication data.

Information to know from Crash Records

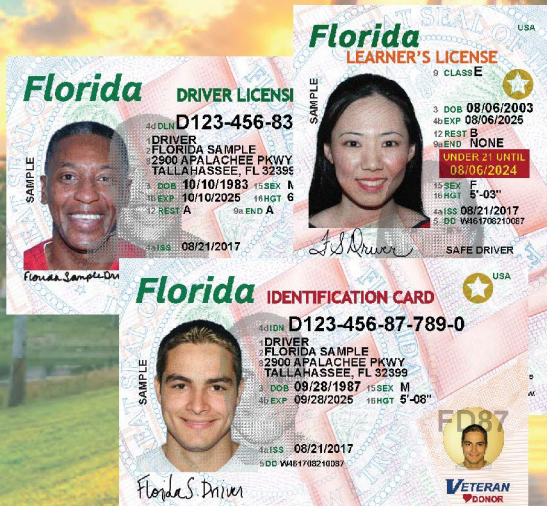
April – June 2022 Quarterly Statistics

- ❖ E-crash percentage = 98.52%
- ❖ 170,643 out of 173,209 crash reports were electronically submitted.
- ❖ Crash timeliness for the quarter was 80.45%



2021-2022 Crash & UTC Data Improvement Grant





FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



FFY 2022 Driver and Vehicle Data Quality Improvement Grant Asher Lucas, OPS Project Analyst

Grant Objectives Review

- Create a project plan and charter to clarify responsibilities to implement project goals.
- Develop performance measure(s) for the driver records system, including baseline measurements, and establish numeric goals to evaluate performance.
- Develop performance measure(s) for the vehicle records system, including baseline measurements, and establish numeric goals to evaluate performance.
- Identify recommendations for ongoing monitoring of data quality management and evaluation for the driver and vehicle system.

Overview of Current Status

- Project plan was demonstrated previously; charter created shortly after.
- Determined driver and vehicle data sets, performance measures, baseline measurements, and goals for improvement.
 - Driver Data measure monitors incidence of duplicate SSNs in our driver records system (“Duplicate SSN Report”).
 - Vehicle Data measure looks at the rate of non-conforming VINs on new and used title issuances (“Invalid VINs Report”) in our vehicle records system.
- Ongoing monitoring recommendation is to use and optimize these reports.
- More measures are being explored for both systems:
 - SSN verification
 - DL purge records
 - Temporary tag fraud identification

Driver Data – Duplicate SSN Report

- Each individual in our database (DB) should have one unique customer number and one unique SSN.
- After analysis, determined there are records with same SSN, but different customer numbers in our DB. Below are some of the common types:

| Type of duplicate SSN | Cause/Reason | Additional Details |
|-------------------------------|--|---|
| Pseudo SSNs | No system checks exist to flag pseudo SSNs (pending) | 999-99-9999 excluded from analysis (soft business rule) |
| Same first, middle, last name | User error | Records need merged/deleted |
| Different names | Name change, typo, fraud (also pseudo) | |

Driver Data – Duplicate SSN Report (cont.)

- Main reasons for duplicate (non-pseudo) SSNs:
 - Same name often indicates exam-only transactions (Road Signs, Road Rules, Class E Vision, etc.)
 - Name change
 - This changes license number in most cases, making detection difficult.
 - Fraud
 - Usually these SSNs are fairly-obviously fake, e.g. all 1's and 2's, but still accepted by FLHSMV systems because of potential authenticity.
- Baseline duplicate rate is 0.43% (taken at start of measuring since historical data were unavailable).
- Created a goal of 5% reduction of baseline rate, or ~0.41% target rate.

Driver Data – Duplicate SSN Report (same name)

- Nine records for same SSN, all the same person

ORION

Motorist Maintenance > Driver Maintenance

ASHER LUCAS
Office: 81/49 (Q04)

Logout

Motorist Maintenance ▾ Search Special Functions Quick Adds Inventory FR Medical Administration Common

Driver Maintenance / Search

Driver Search Advanced Search

DL/ID Number: Go SSN: 5644 Go

First Name: ☒ Like Search

Date of Birth: Age Range: -

Middle Name: ☒ Like Search

Gender: State:

Last Name: ☒ Like Search

Ethnicity: County:

Suffix:

Search Clear

Sort By: DL/ID Number ▾ ☒ Ascending ☐ Descending 50 Items Per Page ▾ Refine Search

Total Record Count: 9

| DL/ID Number | Name | Date of Birth | Ethnicity / Gender | SSN | State | County |
|--------------|------|---------------|--------------------|------|---------|--------|
| 321-0 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-1 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-2 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-3 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-4 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-5 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-6 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-7 | JOHN | | W / M | 5644 | FLORIDA | |
| 321-8 | JOHN | | W / M | 5644 | FLORIDA | |

FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES

FLORIDA PATROL

Driver Maintenance / Person

Common Name: JOHN [REDACTED] Date Of Birth: [REDACTED] Gender: Male
DL/ID Number: [REDACTED] 321-0 Customer Number: [REDACTED] License Class: None

Person

License & ID

Dispositions

Sanctions

Correspondence

Driver Schools

Exams

Crashes

Rep/CDR-CDT

History

CDL Medical Info

CDL Med History

C & D

Letters

Transcript

Generated Documents



Legal Name: JOHN [REDACTED]
SSN: 5644 Status: **Not Licensed**
Ethnicity: [REDACTED]
Height: [REDACTED]

Country of Birth:
Issue Date: [REDACTED] Expiration Date: [REDACTED]
Replacement Date: [REDACTED] Form Number: [REDACTED]
Restrictions: [REDACTED] Endorsements: [REDACTED]

[View Name History](#)[View More Details](#)

| Type | Address | County Country | Date Modified | Source |
|----------------------|------------|----------------|---------------|-------------|
| Mailing Address: | [REDACTED] | [REDACTED] | 11/15/2021 | DL Issuance |
| Residential Address: | [REDACTED] | [REDACTED] | 11/15/2021 | DL Issuance |
| Transient Address: | [REDACTED] | [REDACTED] | | |

[View Address Details](#)

Driver Maintenance / Person

Common Name: JOHN [REDACTED] Date Of Birth: [REDACTED] Gender: Male
DL/ID Number: [REDACTED] 321-8 Customer Number: [REDACTED] License Class: Class E

Person

License & ID

Dispositions

Sanctions

Correspondence

Driver Schools

Exams

Crashes

Rep/CDR-CDT

History

CDL Medical Info

CDL Med History

C & D

Letters

Transcript

Generated Documents



Legal Name: JOHN [REDACTED]
SSN: 5644 Status: **Valid**
Ethnicity: [REDACTED]
Height: [REDACTED]

Country of Birth: US OF AMERICA State of Birth: [REDACTED]
Issue Date: [REDACTED] Expiration Date: [REDACTED]
Replacement Date: [REDACTED] Form Number: [REDACTED]
Restrictions: [REDACTED] Endorsements: [REDACTED]

[View Name History](#)[View More Details](#)

| Type | Address | County Country | Date Modified | Source |
|----------------------|------------|----------------|---------------|-------------|
| Mailing Address: | [REDACTED] | [REDACTED] | 11/15/2021 | DL Issuance |
| Residential Address: | [REDACTED] | [REDACTED] | 11/15/2021 | DL Issuance |
| Transient Address: | [REDACTED] | [REDACTED] | | |

[View Address Details](#)

Driver Data – Duplicate SSN Report (same name)

All the records look like the one on the left except the last one, which contains all the customer's relevant data (other records may contain bits and pieces).

Driver Data – Duplicate SSN Report (name change)

- The license numbers are similar, but not identical (because of different names)
- Makes automated detection more difficult

ORION

Motorist Maintenance > Driver Maintenance

ASHER LUCAS
Office: 68/77 (Q20)

Logout

Motorist Maintenance

Search

Special Functions

Quick Adds

Inventory

FR

Medical

Administration

Common

←

🔍

ℹ

Driver Maintenance / Search

Driver Search

Advanced Search

DL/ID Number:

Go

S

0089

Go

First Name:

Like Search

Date of Birth:

Age Range:

Middle Name:

Like Search

Gender:

State:

Last Name:

Like Search

Ethnicity:

County:

Suffix:

Search

Clear

Sort By:

DL/ID Number

Ascending

Descending

50 Items Per Page

Refine Search

Total Record Count: 2

| DL/ID Number | Name | Date of Birth | Ethnicity / Gender | SSN | State | County |
|--------------|-------|---------------|--------------------|------|---------|--------|
| 628-0 | NILIA | | H / F | 0089 | | |
| 628-0 | NILIA | | H / F | 0089 | FLORIDA | |

Driver Maintenance / Person

Common Name:

NILIA

Date Of Birth:

Gender:

Female

DL/ID Number:

628-0

Customer Number:

License Class:

ID Card

Person

License & ID

Dispositions

Sanctions

Correspondence

Driver Schools

Exams

Crashes

Rep/CDR-CDT

History

CDL Medical Info

CDL Med History

C & D

Letters

Transcript

Generated Documents

Legal Name:

SSN:

0089

Status:

Valid

Ethnicity:

Height:

Country of Birth:

Issue Date:

11/24/1993

Expiration Date:

04/08/2024

Replacement Date:

Form Number:

Restrictions:

Endorsements:

Type

Address

County

Country

Date Modified

Source

Mailing Address:

11/13/2020

SYS

Residential Address:

Transient Address:

View Name History

View More Details

View Address Details

Driver Maintenance / Person

Common Name:

NILIA

Date Of Birth:

Gender:

Female

DL/ID Number:

628-0

Customer Number:

License Class:

ID Card

Person

License & ID

Dispositions

Sanctions

Correspondence

Driver Schools

Exams

Crashes

Rep/CDR-CDT

History

CDL Medical Info

CDL Med History

C & D

Letters

Transcript

Generated Documents

Legal Name:

SSN:

0089

Status:

Expired

Ethnicity:

Height:

Country of Birth:

Issue Date:

10/29/2013

Expiration Date:

04/08/2022

Replacement Date:

Form Number:

Restrictions:

Endorsements:

Type

Address

County

Country

Date Modified

Source

Mailing Address:

11/13/2020

SYS

Residential Address:

Transient Address:

View Name History

View More Details

View Address Details

Driver Search

DL/ID Number: SSN:

First Name: ☒ Like Search Date of Birth: Age Range: -

Middle Name: ☒ Like Search Gender: State:

Last Name: ☒ Like Search Ethnicity: County:

Suffix:

Sort By: ☒ Ascending ☐ Descending

50 Items Per Page

Total Record Count: 90

| DL/ID Number | Name | Date of Birth | Ethnicity / Gender | SSN | State | County |
|--------------|------|---------------|--------------------|------|-------|--------|
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |
| | | | O / M | 1111 | | |

Common Name: RAMON

Date Of Birth:

Gender:

Male

DL/ID Number:

Customer Number:

License Class: ID Card

Person

License & ID

Dispositions

Sanctions

Correspondence

Driver Schools

Exams

Crashes

Rep/CDR-CDT

History

CDL Medical Info

CDL Med History

C & D

Letters

Transcript

Generated Documents

Check Fraud Correspondence

Legal Name:

RAMON

SSN:

6789

Status:

Suspended

Ethnicity:

Height:

Country of Birth:

US OF AMERICA

State of Birth:

Issue Date:

07/05/2005

Expiration Date:

01/18/2010

Replacement Date:

Form Number:

Restrictions:

Endorsements:

[View Name History](#)[View More Details](#)

| Type | Address | County | Country | Date Modified | Source |
|----------------------|---------|--------|---------|---------------|-----------------|
| Mailing Address: | | | | 03/26/2022 | NCOA_BATCH_USER |
| Residential Address: | | | | 04/12/2021 | EFS_ETR_USER |
| Transient Address: | | | | | |

[View Address Details](#)

Driver Data – Duplicate SSN Report (fraud)

Some SSNs are repeated dozens if not hundreds of times. These are often fraudsters.

Driver Data – Duplicate SSN Report (cont.)

Weekly snapshots are taken of our records to monitor the number of duplicate SSNs and types.

| Duplicate SSN Monitoring by Week | | | | | | | | | | | | | | |
|---|---------|---------|---------|---------|-----------|---------|---------|---------|---------|-----------|---------|---------|---------|--|
| | June | | | | July | | | | August | | | | | |
| | 6 | 13 | 20 | 27 | 6 | 11 | 18 | 25 | 1 | 8 | 15 | 22 | 29 | |
| Total Dupe SSN Count | 107,282 | 107,347 | 103,437 | 103,144 | 103,170 | 103,178 | 103,188 | 103,158 | 103,168 | 103,065 | 102,976 | 102,971 | 103,094 | |
| Weekly Difference in Total Dupe SSN Count | | 65 | -3,910 | -293 | 26 | 8 | 10 | -30 | 10 | -103 | -89 | -5 | 123 | |
| All Records | 25,093K | 25,110K | 25,120K | 25,133K | 25,150K | 25,162K | 25,176K | 25,193K | 25,209K | 25,224K | 25,244K | 25,259K | 25,275K | |
| Percent Dupes | 0.43% | 0.43% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | 0.41% | |
| Dupe SSN and Name Records | 12,770 | 12,819 | 12,747 | 12,870 | 12,935 | 12,979 | 13,010 | 13,002 | 13,014 | 12,961 | 12,882 | 12,854 | 12,845 | |
| Distinct Customers with Dupe Name and SSN | 5,037 | 5,050 | 5,021 | 4,962 | 4,989 | 5,003 | 5,009 | 5,006 | 5,011 | 4,984 | 4,962 | 4,955 | 4,949 | |
| Names with Associated Dupe SSN | 5,037 | 5,050 | 5,021 | 73,930 | 73,925 | 73,932 | 73,918 | 73,886 | 73,888 | 73,809 | 73,766 | 73,760 | 73,789 | |
| Weekly Difference in Names with Associated Dupe SSN | | 13 | -29 | 68,909 | -5 | 7 | -14 | -32 | 2 | -79 | -43 | -6 | 29 | |
| Set | | | | | Same name | | | | | Distinct? | | | | |
| Dupe SSN and Name Records | | | | | X | | | | | | | | | |
| Distinct Customers with Dupe Name and SSN | | | | | X | | | | | X | | | | |
| Names with Associated Dupe SSN | | | | | | | | | | X | | | | |

Motor Vehicle Data – Invalid VINs Report

- VINs (on make years after 1982) must conform to standards laid out in 49 CFR Part 565.
- There are a variety of standards to conform to that we cannot check, but 3 we can are:

Check digit – position 9 is calculated from characters in the other positions.

1C4AJWBG3ELI90087

Illegal characters – letters “I, O, Q” are not permitted.

VIN length – VIN must be 17 alphanumeric characters.

- Other conditions:
 - Only vehicle type: “AU” (excluding large trucks, buses, RVs, motorcycles, etc.)
 - Make year after 1982
 - Transaction codes ORT and OUT (original new and used title issuances, respectively)
 - Excludes body codes: 2P, 4P, 6P, 9P, BG, GC (various small EVs, UTVs, golf carts, etc.)
- **Baseline 3-year error rate is 0.263% (May 2019 thru April 2022) with a goal of 5% reduction (~0.250%).**

Motor Vehicle Data – Invalid VINs (cont.)

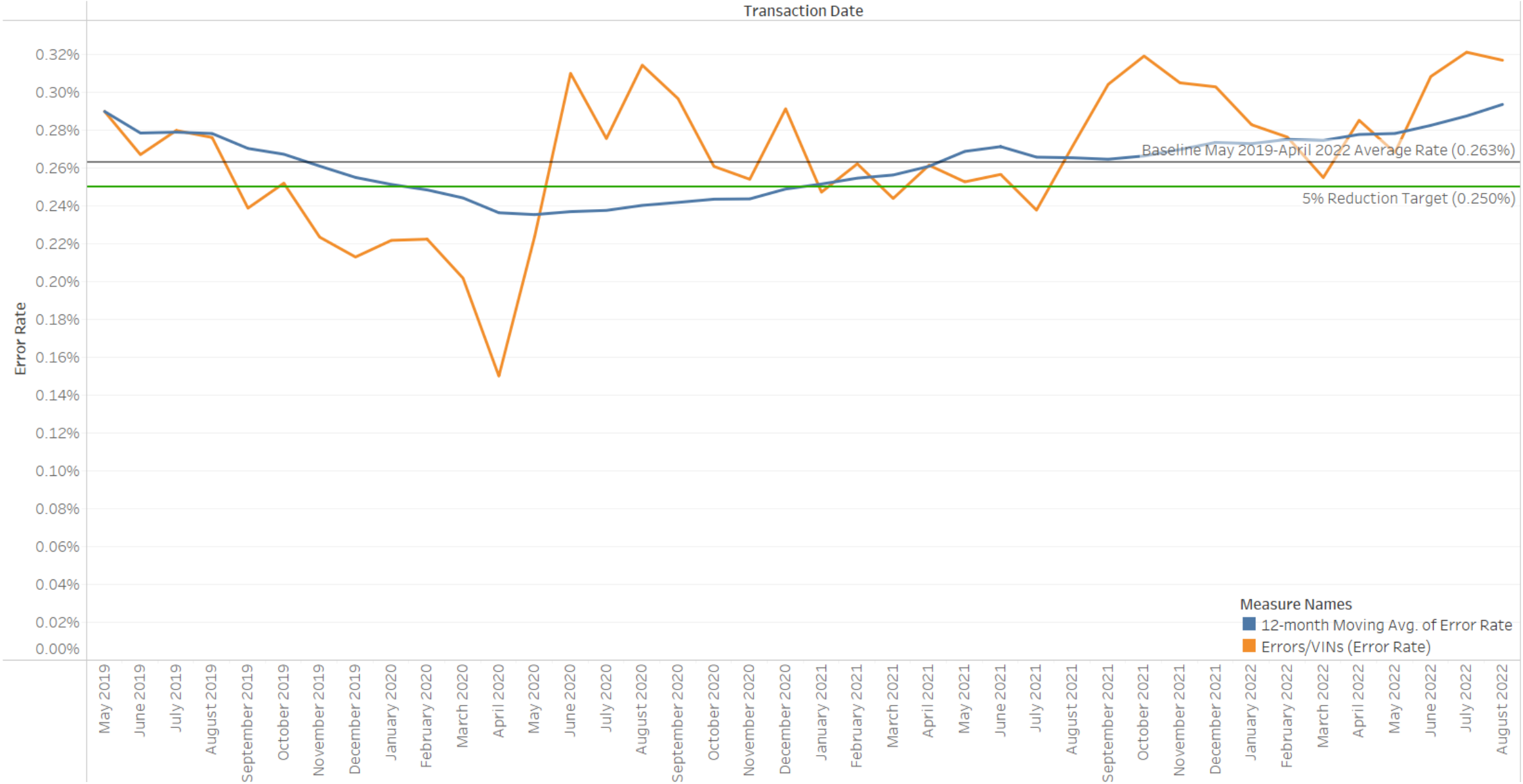
Invalid VINs are monitored via a standing query that is refreshed on demand through Tableau.

| Monthly Invalid VIN Report | | | | | | | | | |
|-----------------------------|--------------------------|----------|---------|---------|---------|---------|---------|---------|----------------|
| | Transaction Date 2022 | | | | | | | | Grand Total |
| | January | February | March | April | May | June | July | August | |
| All VINs | 188,213 | 172,762 | 199,394 | 196,844 | 188,106 | 194,084 | 167,009 | 207,129 | 1,513,541 |
| All Errors | 532 | 477 | 508 | 561 | 504 | 598 | 536 | 656 | 4,372 |
| Errors/VINs (Error rate) | 0.28% | 0.28% | 0.25% | 0.28% | 0.27% | 0.31% | 0.32% | 0.32% | 0.29% |
| Bad Checkdigit | 245 | 223 | 244 | 253 | 235 | 265 | 251 | 265 | 1,981 |
| Invalid Chars (I,O,Q) | 54 | 53 | 64 | 51 | 57 | 61 | 60 | 72 | 472 |
| VIN not 17 Chars | 233 | 201 | 200 | 257 | 212 | 272 | 225 | 319 | 1,919 |

- **All VINs** – all VINs associated with transactions on new and used title issuances (transaction codes ORT and OUT, respectively)
- **All Errors** – any VIN meeting one of the three error criteria
- **Errors/VINs (Error rate)** – (All Errors)/(All VINs) * 100
- **Bad Checkdigit** – VIN is 17 characters, digit in position 9 does not match output of calculations from other digits/characters
- **Invalid Chars (I,O,Q)** – VIN is 17 characters and contains the character(s) “I,” “O,” and/or “Q.”
- **VIN not 17 Chars** – the VIN is shorter or longer than the statutory length of 17 characters.

Motor Vehicle Data – Invalid VINs (cont.)

VIN Error Rate Over Time



Potential Reports for FY23

➤ Driver Data

➤ SSN Verification Flag

- There are three categories of SSN verification:

- T – SSN is verified
- F – SSN was not verified
- Null – SSN needs verification

- We want to monitor transactions where SSNs should be verified and research why they are not being verified.

- Also take a snapshot of individuals with DL's and verification status (everyone with a DL should be verified).

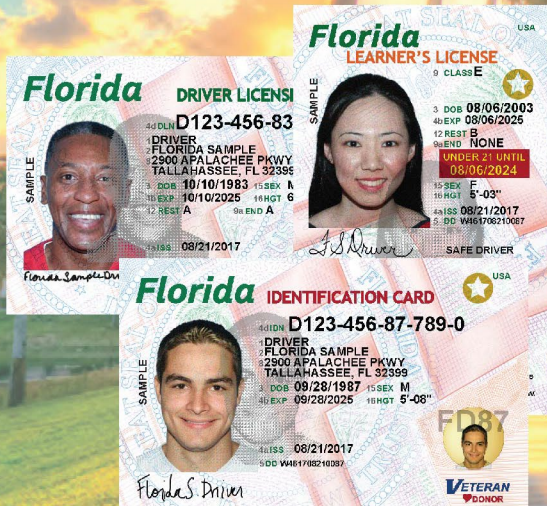
➤ DL Purge data

- There are many customer records that should be purged that have not been. The purge criteria are many, making writing a query very in depth, but there are basically 3 categories: deceased, expired, and non-licensed individuals.

➤ MV Data

➤ Temp Tag Fraud

- Dealers issue multiple (more than 2) temporary registrations (tags) to the same person. Using bad VINs is a way to get around the checks.
- These permits are generally used on vehicles that can't be registered because of canceled or suspended registrations, insurance or titling problems, or even those that have been stolen and VIN-switched.



FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



Questions?

Contact: AsherLucas@flhsmv.gov

Department of Health

**Traffic Records Coordinating Council
Project Update**

EMS Field Data Collection



September 9, 2021

EMS Field Data Collection

Ty Carhart
Project Director

Brenda Clotfelter
Project Manager

Florida Department of Health

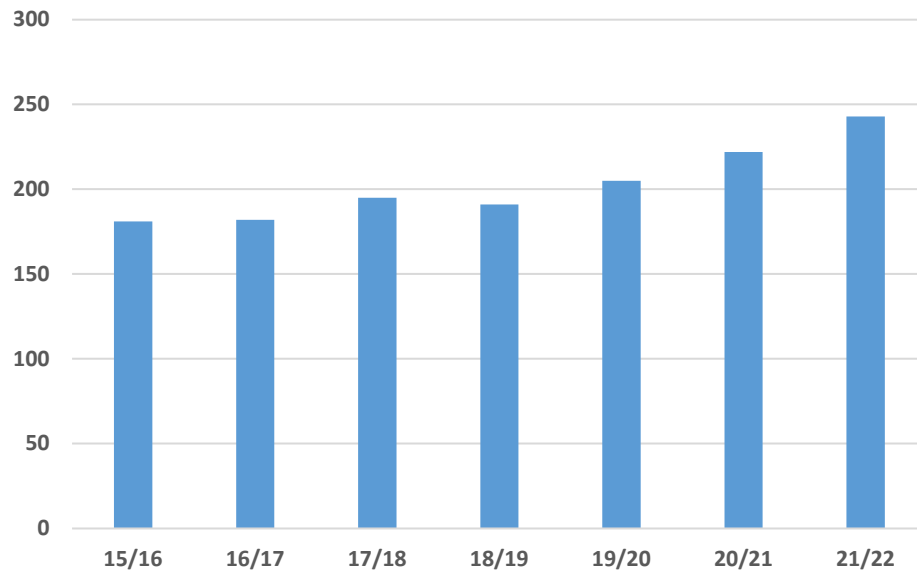


FY 21/22 Objectives

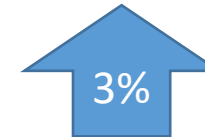
Completeness

Increase % of EMS agencies submitting to state incident level repository to 90% by 9/30/22

EMSTARS Agencies



80%



303 total agencies
243 in EMSTARS
64 in Aggregate



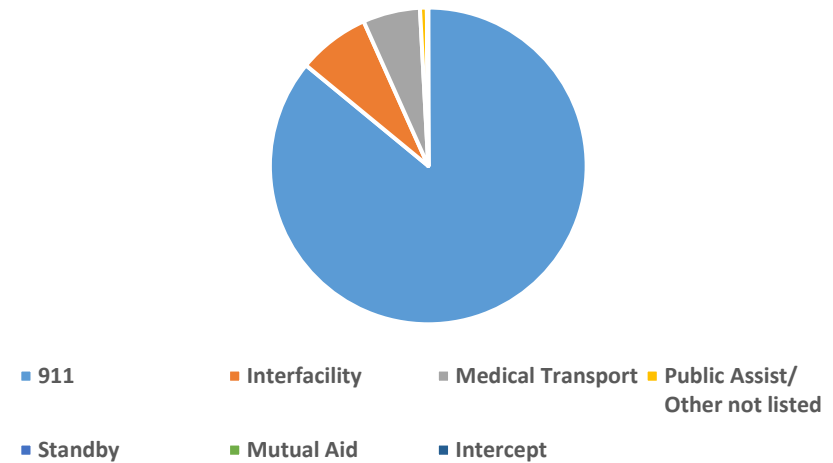
FY 21/22 Objectives

Completeness

Increase % of EMS emergency run reports submissions to the state repository to 98% by September 30, 2022.

98%

EMSTARS Type of Service YTD 2022



Note: Data Committee is now monitoring measures of all types of runs, not just 911



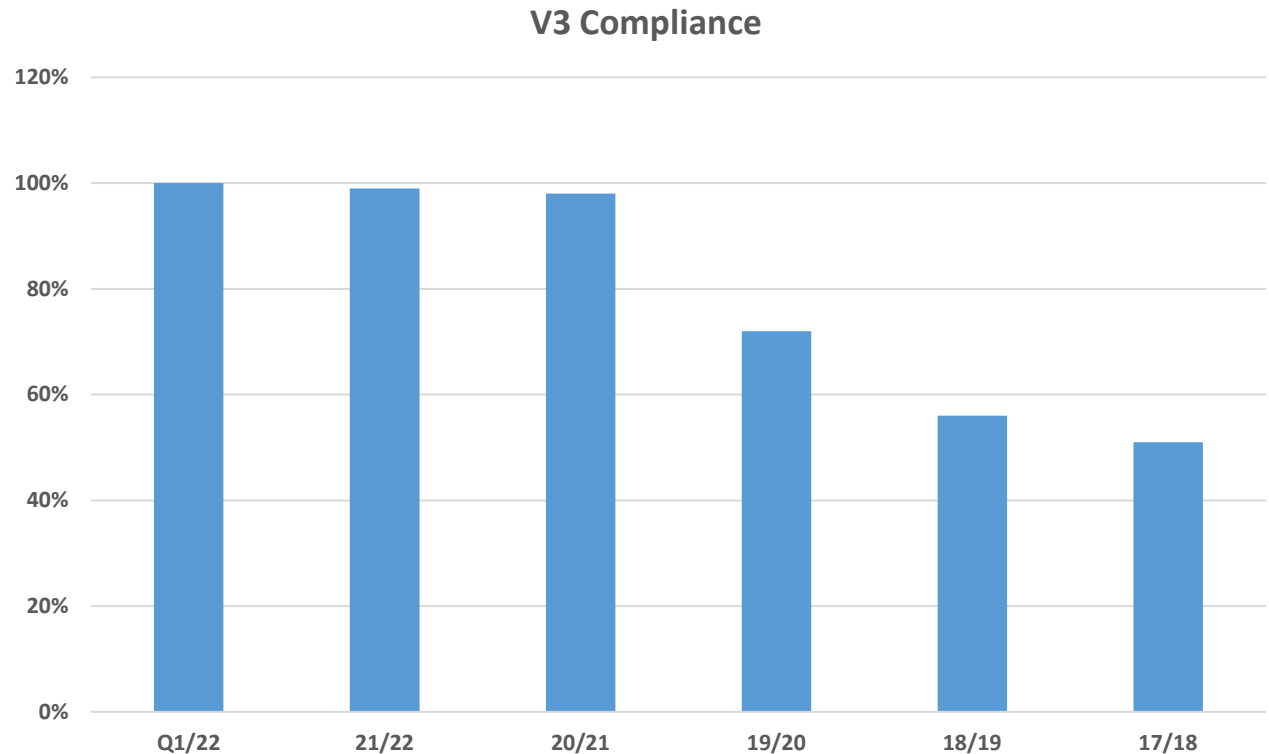
FY 21/22 Objectives

Uniformity

**Increase % of EMS emergency
run reports submitted in
compliance with NEMSIS
Version 3 to 80% by
September 30, 2022**

100%

V3.4 = 243



FY 21/22 Objectives

Completeness



Participate in NEMSIS Technical Advisory Conference and NASEMSO annual meetings to finalize the implementation strategy for National Standards.

- **Participate in NEMSIS Technical advisory calls – biweekly**
- **Participation in NASEMSO annual meetings**
- **Participated in NEMSIS Technical Advisory Conference - Aug**

Conduct four EMS Advisory Council Data Committee worksessions to continue maintaining Florida data standards, business rules and implementation best practices consistent with NEMSIS.

EMSAC Data Committee

- **1/18/22**
- **6/15/22**
- **9/12 – scheduled**

FY 21/22 OBJECTIVES

Accuracy

Monitor and report (quarterly) on a minimum of three data quality measures

Overall NEMESIS Data Quality

91%

- *Patient Information* 97%
- *Cardiac Arrest* 91%
- *Valid System Times* 98%
- *Cause of Injury* **79%***
- *Clinical Times Recorded* **79%*up by 1%**
- *Other incident Information* 97%

FY 21/22 Objectives

Uniformity

Publish an approved Florida Data Dictionary and business rules for NEMESIS 3.5 by December 1, 2021.

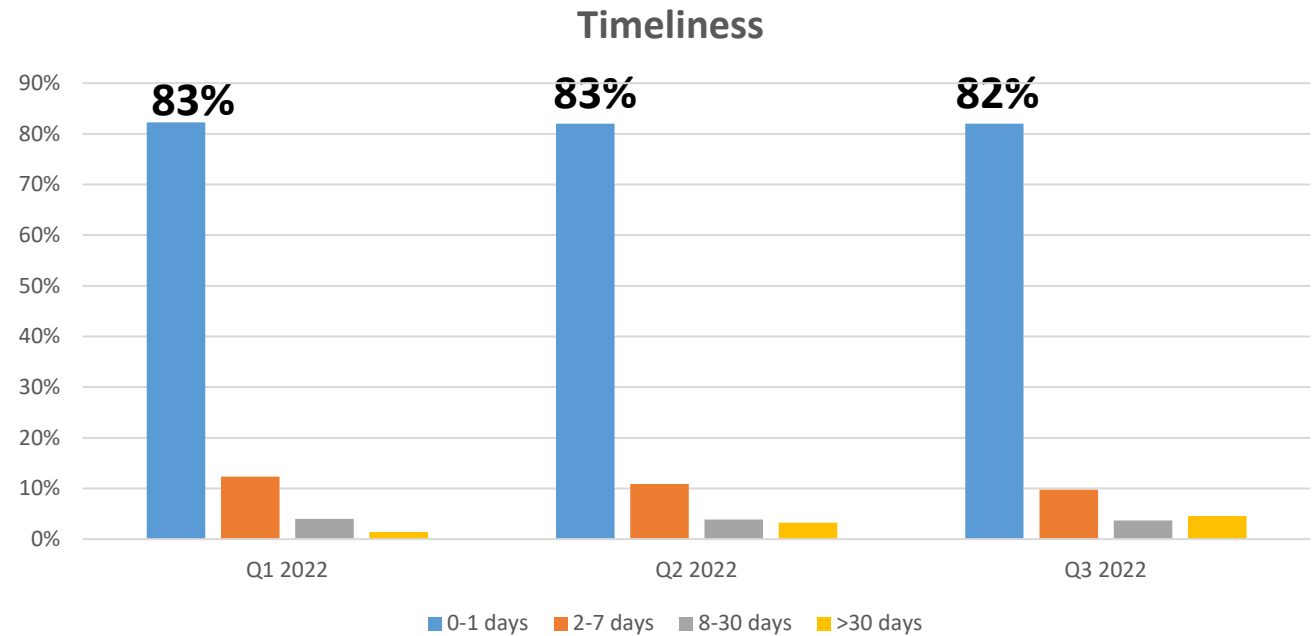
- **Data submission policy changes - January 2022**
- **Adoption of Data Dictionary by the Emergency Medical Services Advisory Board (EMSAC) – June 2022**
- **Develop “defined lists” for target Florida data elements to enhance uniform and quality data collection, procedures & medications**
- **Business rule development in progress – target 11/22**
- **Updated Data Dictionary to include Business Rules 12/22**
- **Working with Vendors to ensure V3.5 readiness**
- **Developing Implementation Tools for EMS agencies for transition**



FY 21/22 Objectives

Timeliness

**Increase % of V3
EMS emergency run
reports received
within 10 hours of
the run to 70% by
September 30, 2022**



% may vary based on resubmissions

FY 21/22 Objectives

Integration

Link two additional data sources to the EMS state repository by September 30, 2022.

Current integrations within Biospatial

- Health Information Exchange
- Crash Records – *automated feed TBD*
- ESSENSE Integration
- Trauma Data
- **Florida Stroke Registry – in progress**



FY 21/22 Objectives

Accessibility

- Continuing to utilize BioSpatial for repository and data accessibility – *Received NEMESIS V3.5 Certification*
- Implemented improvements to State EMS Strategic Measure Dashboards – *Site inspections are now based on EMS Measures*
- Working to provide additional dashboards for users





FLORIDA STATE
UNIVERSITY

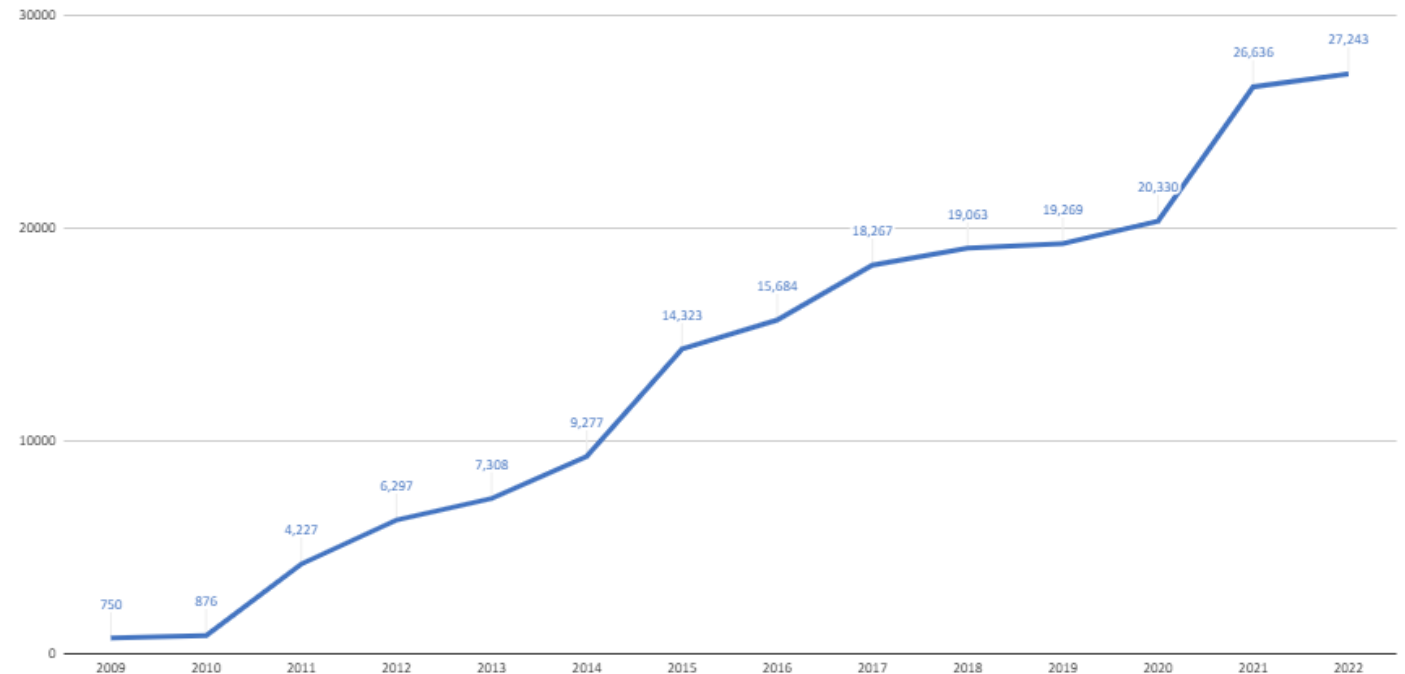
September 9, 2022

TRAFFIC AND CRIMINAL SOFTWARE



TraCS Growth - Users

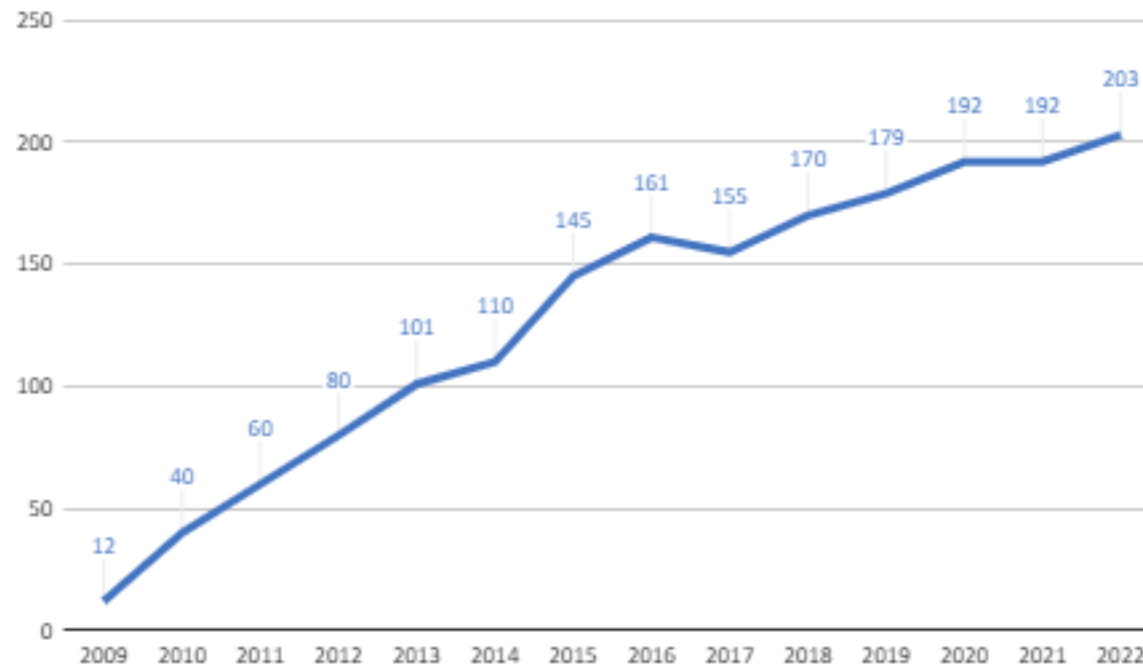
- Users
 - 2008: 750
 - 2022: 27,243





TraCS Growth - Agencies

- Agencies
 - 2008: 12
 - 2022: 203





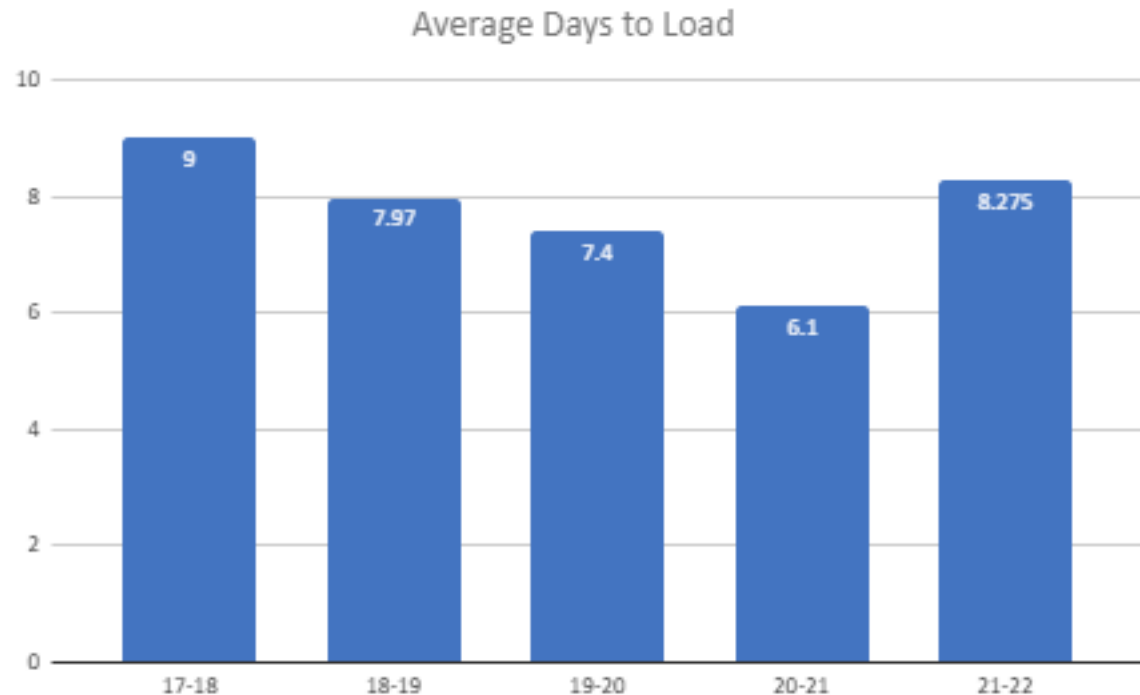
TraCS Growth – New Agencies

- Calhoun County SO
- Deland PD
- Miami Springs PD
- Nassau County School PD
- New Smyrna Beach PD
- Orlando PD (citation only)
- Walton County Code Compliance



Objective 1: Timeliness

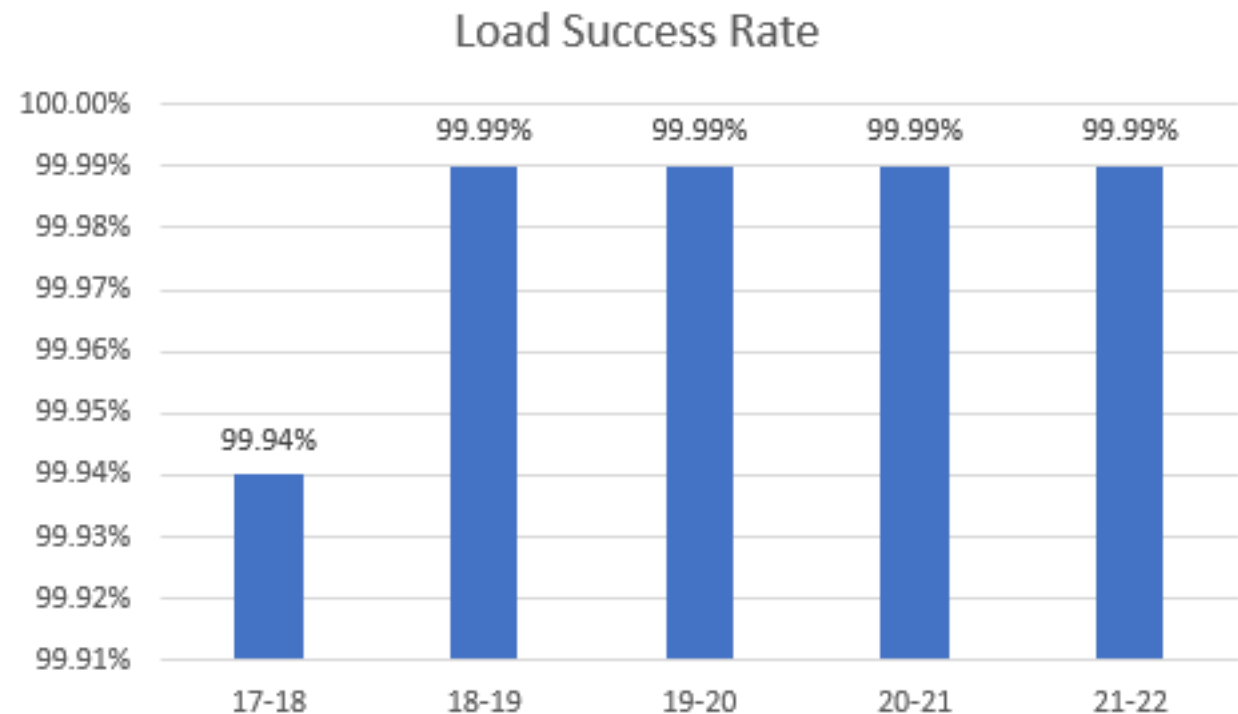
- To encourage TraCS agencies to maintain a low average delay between the initial crash date and the date on which the data is entered into state crash databases owned by DHSMV.
- FY 21-22, Q1-Q3 average





Objective 2: Accuracy

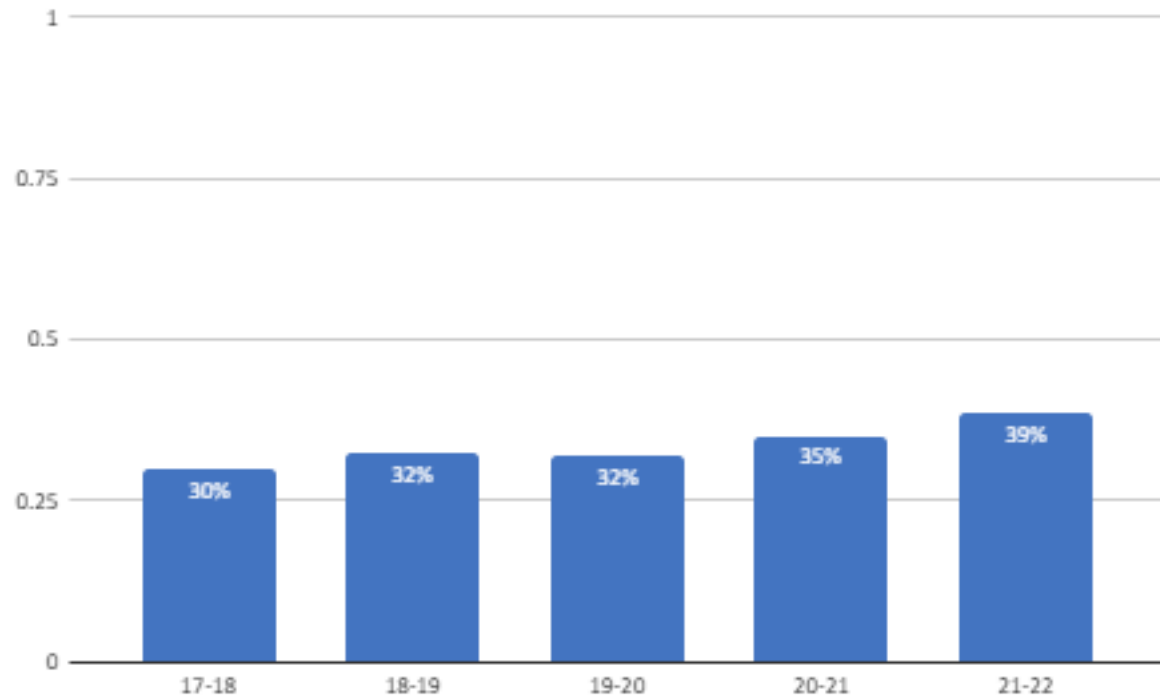
- To maintain the low number of load errors for crash reports submitted electronically to DHSMV using TraCS at less than one percent.
- FY 21-22, Q1-Q3 stats available





Objective 3: Completeness

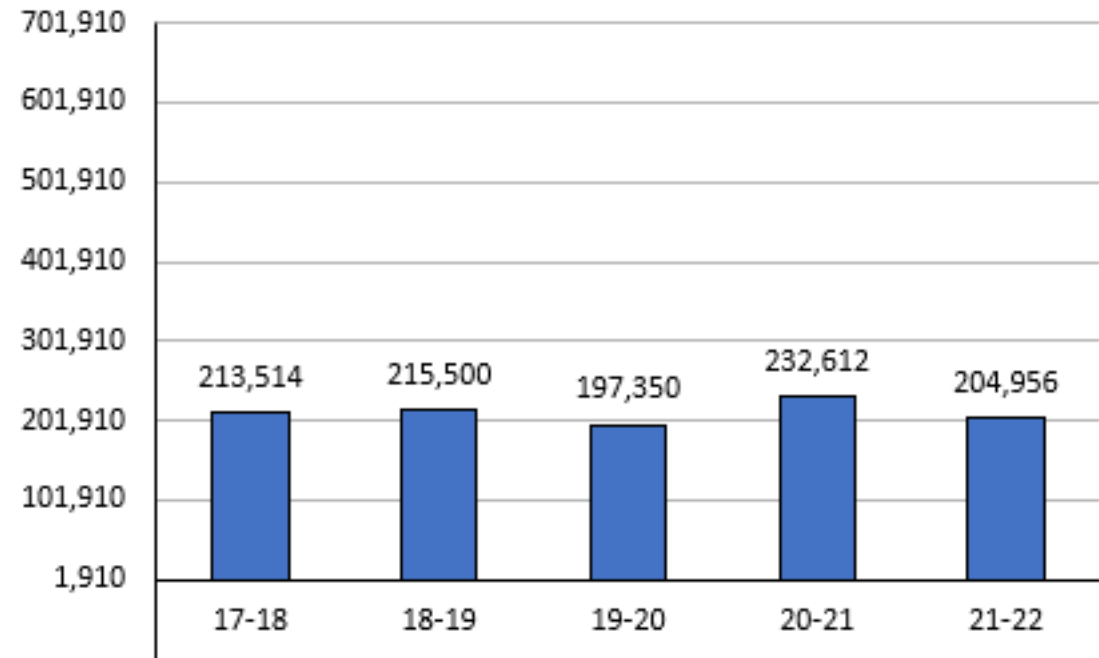
- To maintain or increase the total percentage of statewide **crash reports** submitted electronically by agencies using the TraCS Florida software.
- FY 21-22, Q1-Q3 stats available





Objective 3: Completeness

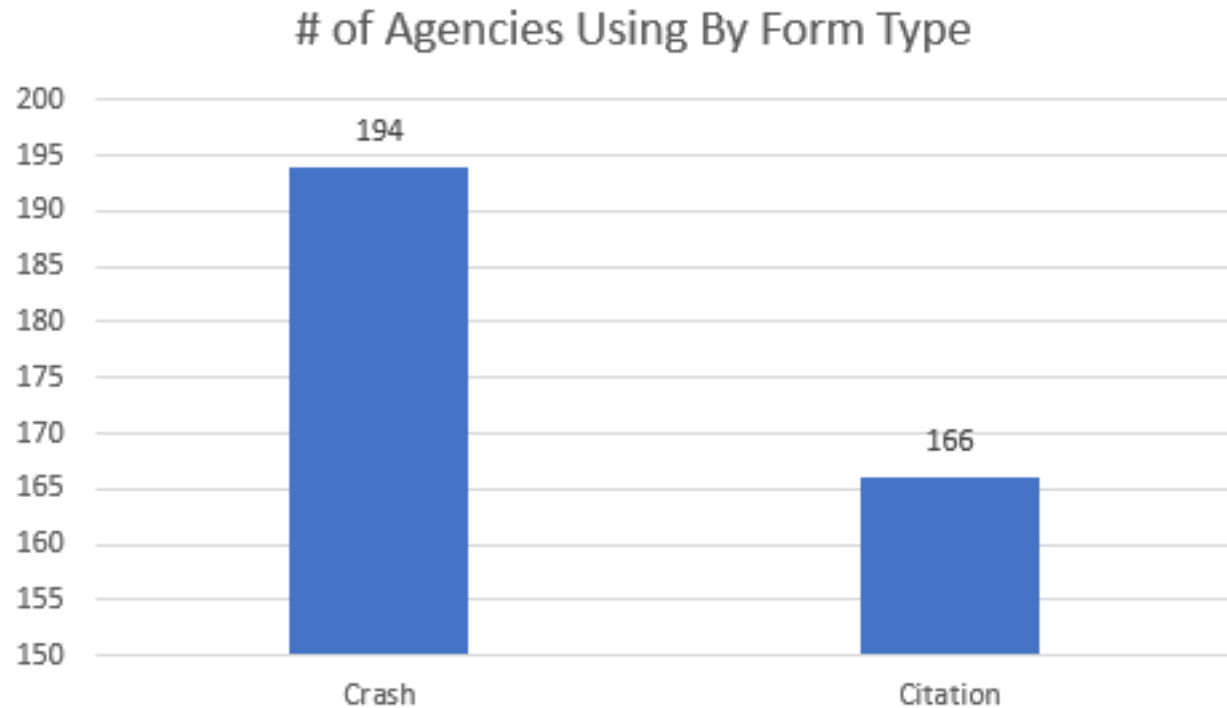
- To maintain or increase the total number of statewide **crash reports** submitted electronically by agencies using the TraCS Florida software
- Total crash count of 701,910 is for 2021 obtained from Signal 4 Analytics
- 21-22 Q1-Q3 only





Objective 4: Uniformity

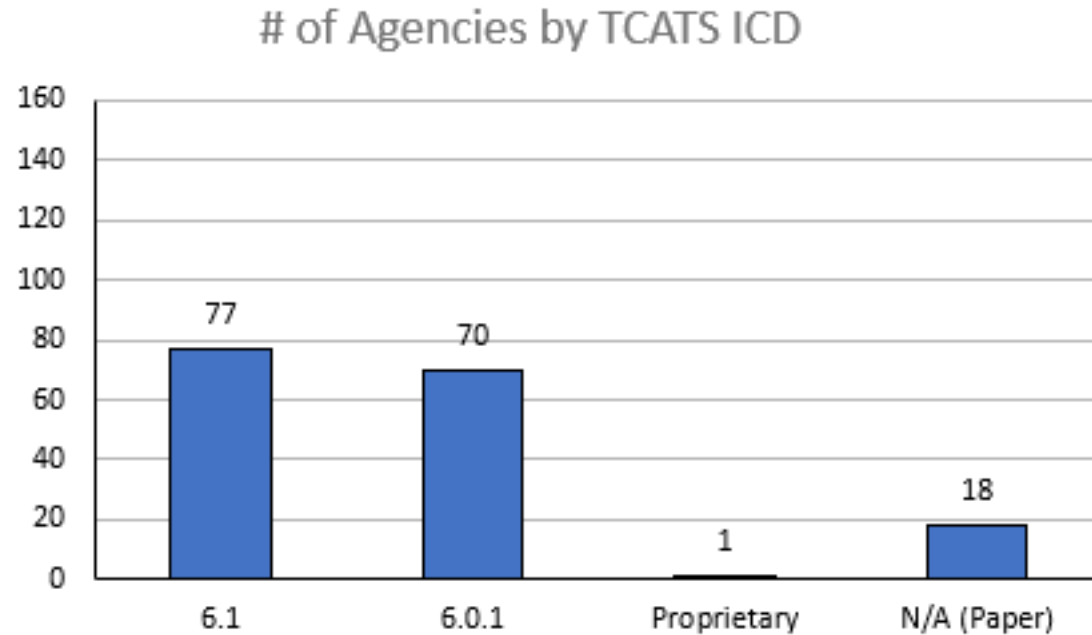
- To improve uniformity in data collection methods.





Objective 4: Uniformity

- To improve uniformity in data collection methods.

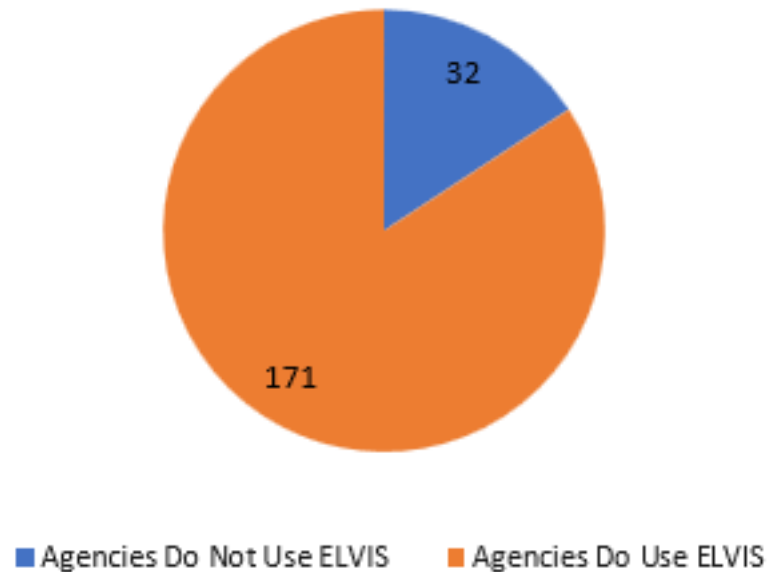




Objective 5: Integration

- To maintain the number of agencies using FCIC/NCIC interfaces.
 - Over 99% using an FCIC/NCIC interface

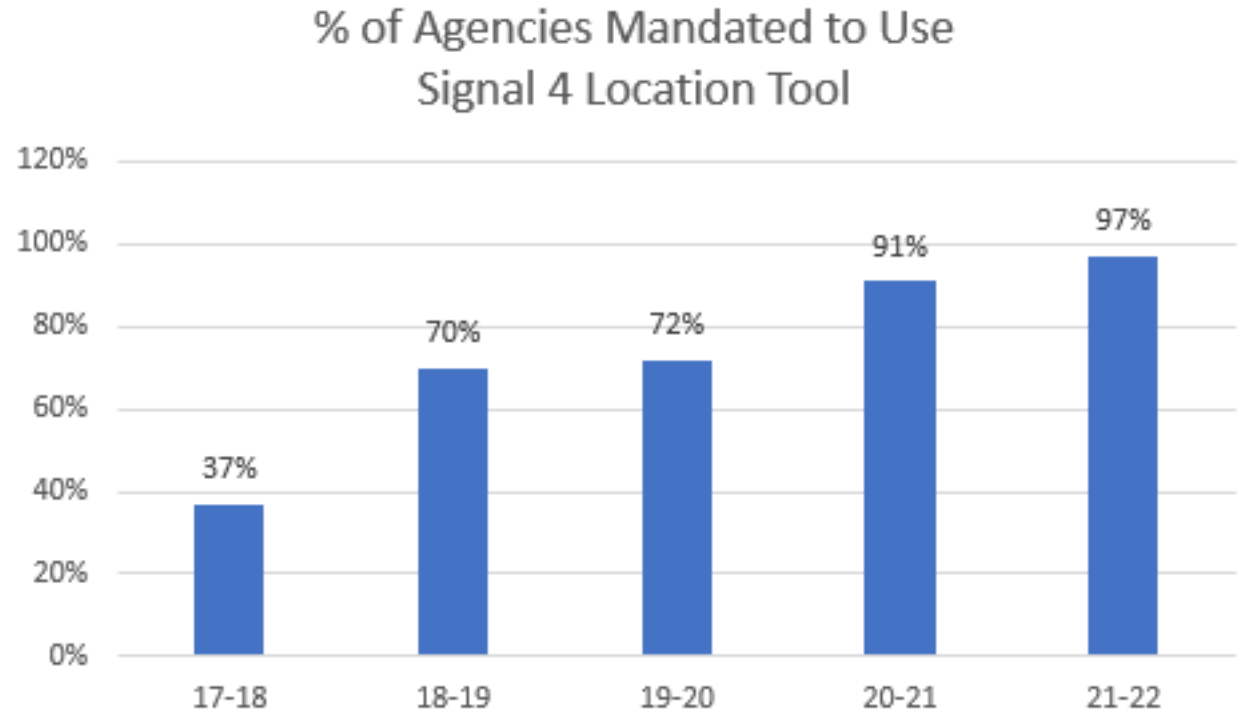
TraCS-ELVIS Integration Use





Objective 5: Integration

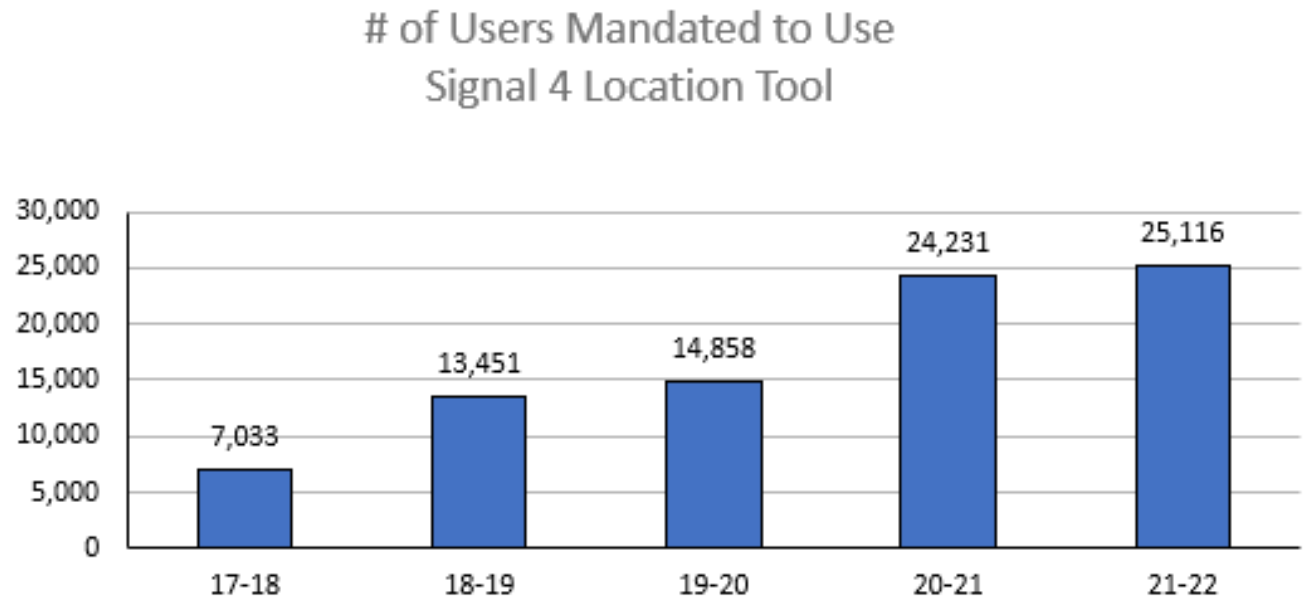
- To increase the number of TraCS agencies using a location tool to plot accidents on the crash form.
- 196 of 203 TraCS agencies are mandated.





Objective 5: Integration

- To increase the number of TraCS users using a location tool to plot accidents on the crash form.

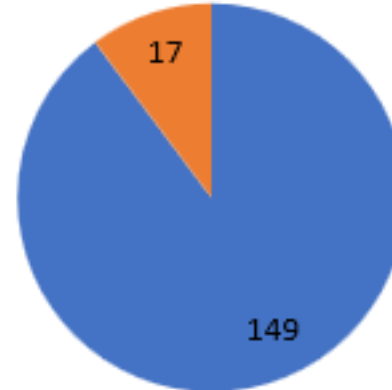




Objective 5: Integration

- Agencies mandated to use the location tool on citations.

of Agencies Mandated to Use
Signal 4 Location Tool on Citaitons



■ # of Agencies NOT Mandated ■ # of Agencies Mandated



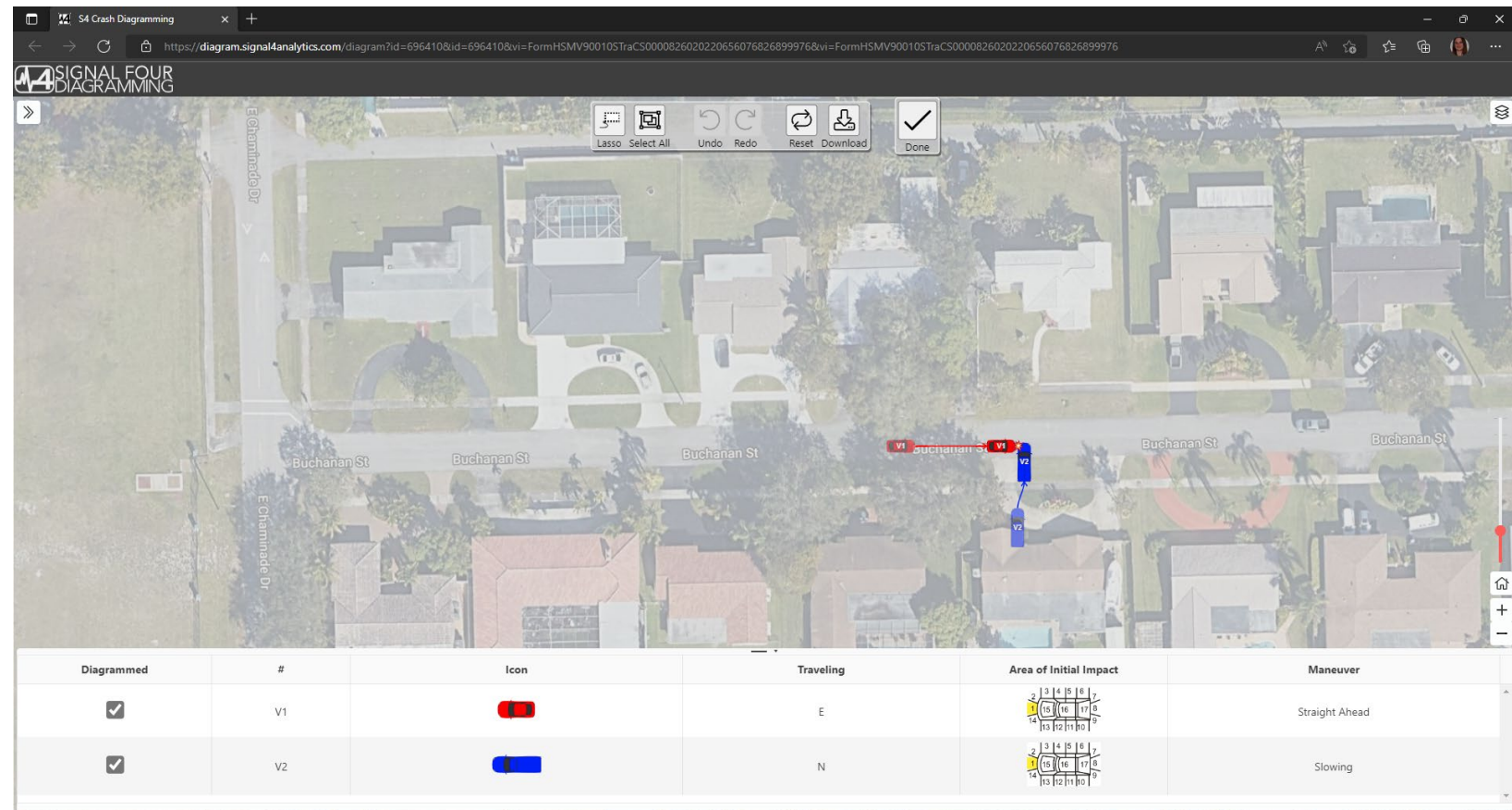
Objective 5: Integration

- Added functionality to our TraCS interface to allow identifiable test data to be passed
- The following parameters are passed from the location tool and crash report to the Diagram tool:
 - Manner Of Collision
 - First Harmful Event
 - Vehicle number
 - Body type
 - Vehicle Special Function
 - CMV Config
 - Cargo Type
 - Color Code
 - Travel Direction
 - Impact Area
 - Maneuver
 - Non-Motorist Number
 - Non Motorist Description
- In testing, updating roadway information when changes are made to the location through the diagram tool.
- Hoping to complete the build for testing by September 20th.



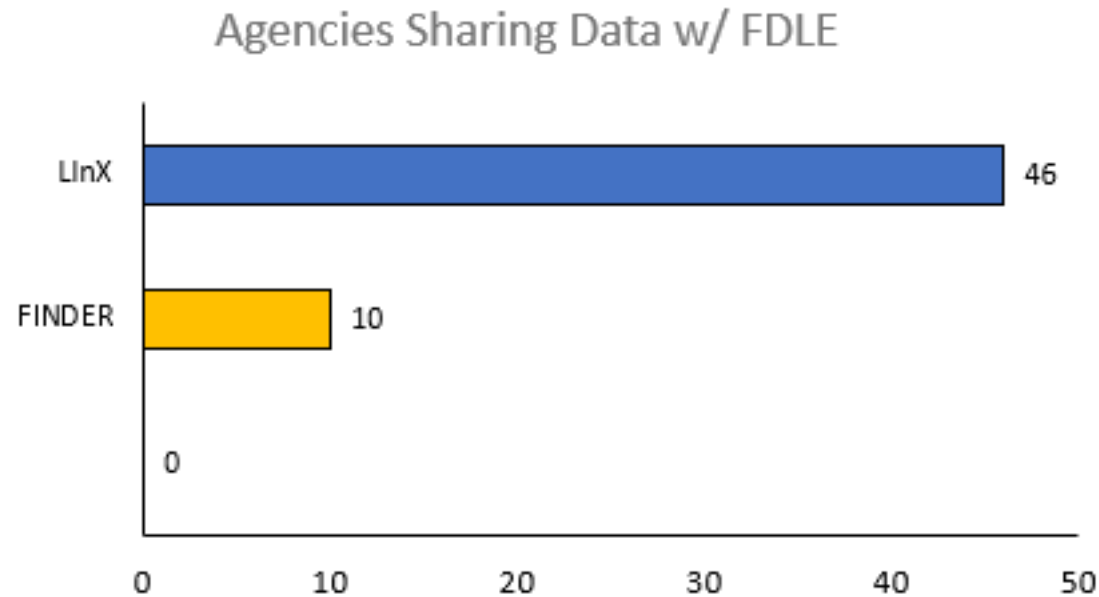
Objective 5: Integration

- Here is a sample produced from our testing





LInX/FINDER Participation

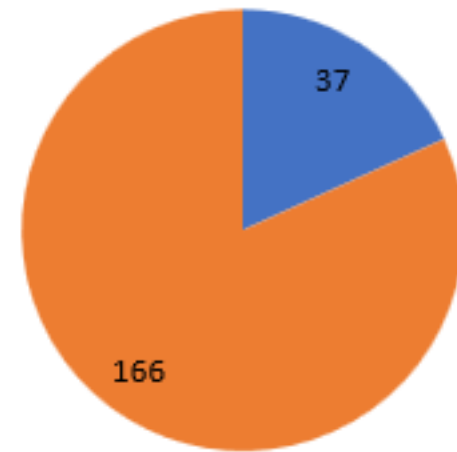




Objective 6: Accessibility

- To maintain a primary data hosting site
 - Hosting data for 166 agencies at Digital Systems Management (DSM)

TraCS-Hosted Versus Self-Hosted



■ Self Hosted ■ Hosted by TraCS



FY 21-22 Development

- Continued development for existing forms
- Signal 4 Diagram Tool Integration
- DRE Form Integration



Support Highlights

- Set up electronic boating citation transmissions from TraCS to FWC



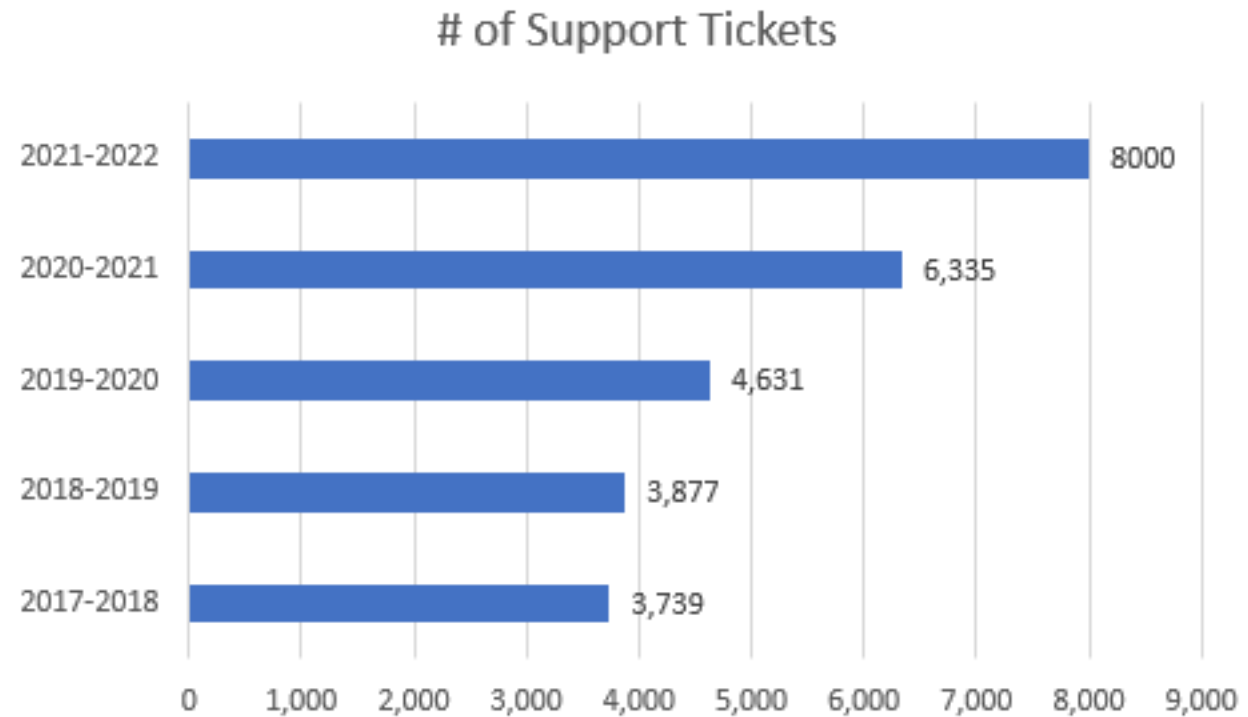
New Agencies Coming

- Edgewater PD – Training complete, go live date September 19th
- Coral Gables PD – Training complete, go live date October 1st
- Orlando PD – Training Scheduled October 4th & 5th for crash.
- St Lucie County SO – Signed MOU, pending training.
- Port St Lucie PD – Signed MOU, pending training.
- Fort Pierce PD - Signed MOU, pending training.
- Orange City PD - Signed MOU, pending training.
- Fort Lauderdale PD – Signed MOU, pending training.
- Bay District Schools PD – Signed MOU, pending training.



Support Over the Years

- FY 21-22 is an estimate





Symposiums

- Held a booth at IPTM in June
- Held a booth at the FDOT Law Enforcement Awards Ceremony in July



FY 22-23 Highlights

- Staff
 - Hire OPS support person
 - Hire OPS clerical position
- Signal 4 Diagram Tool Integration
 - Deploy to agencies
- Signal 4 Location Tool Integration
 - Upgrade everyone to a TraCS version using version 3 versus 2.3
- Citation
 - Test/implement transmissions of citation data directly to FCCC
- Crash
 - Begin work on new crash form using MMUCC 6th edition



FLORIDA STATE
UNIVERSITY

**Thank you for your
continued support!**

ELVIS

Electronic License and Vehicle
Information System

www.elvisflorida.org

ELVIS TRCC UPDATE September 9, 2022

Better Data, Safer Roads.

OR

Query Response FRQ [Add Comment](#) [Print Raw R](#)

Vehicle Registration


This registration may be expired.

| | | | |
|------------|---------|------------|----------|
| Tag Number | State | Expires | |
| AAA10A | FL | 06/30/2009 | |
| VIN Number | Make | | |
| TESTVIN1 | FORD | | |
| Year | Color | Style | |
| 2000 | RED | 2D | |
| Decal | Use | Weight | Original |
| 18164769/9 | PRIVATE | 3400 | No |

First Registered Owner

| | | |
|--------------------------------|-----|---------------|
| Full Name | | |
| LICENSE, GALINDO-CLINE ONE PAO | | |
| License Number | Sex | Date of Birth |
| L252294615010 | F | 01/01/1961 |

Driver Summary



| | | |
|-------------------------------|------------|-----|
| Full Name | Status | |
| GALINDO-CLINE ONE PAO LICENSE | VALID LICE | |
| License Number | State | |
| L-252-294-61-501-0 | FL | |
| Height | Race | Sex |



FAMU-FSU
COLLEGE OF ENGINEERING

Grant funding provided by the
Florida Department of Transportation



Welcome!

Team Members

- Dr. Lisa Spainhour, Principal Investigator
- Zoe Williams, Program Manager
- Margaret Edwards, Systems Administrator
- Capt. Bud Dasher, Support

September 2022 Statistics

Current ELVIS Usage

- 247 Agencies
- 28,179 user accounts
- 11,075,589 queries run this fiscal year
- Approximately 1,006,000 queries per month
 - Increase of ~38,000 queries per month over April numbers

FY21-22

- **Completeness and Uniformity**

- As always, lots and lots of state parser fixes to keep up with changing state formats and ensure elements parse correctly from each state

- **Accuracy and Integration**

- Integration with external crash and citation vendors to improve data accuracy
 - Completed Integrations
 - TraCS
 - Mark43
 - LexisNexis
 - FINDER
 - Integrations In-Progress
 - Tyler Technologies (New World)
 - Axon RMS

- **Accessibility**

- New agencies continue to be brought on board
 - Broward County Sheriff's Office
 - Calhoun County Sheriff's Office
 - Deland Police Department
 - Miami Springs Police Department
 - and more...
 - Added 25 new agencies this year
 - 4,348 new users
 - Increase in approx. 156,000 queries per month
 - Evaluating future hardware requirements based on continuing increase in usage and current limitations
 - Last FY up-time was 99.51% averaged over the entire year
 - Seminole County SO backup site installation on hold while we evaluate hardware

Florida Driver History via FCIC/NCIC

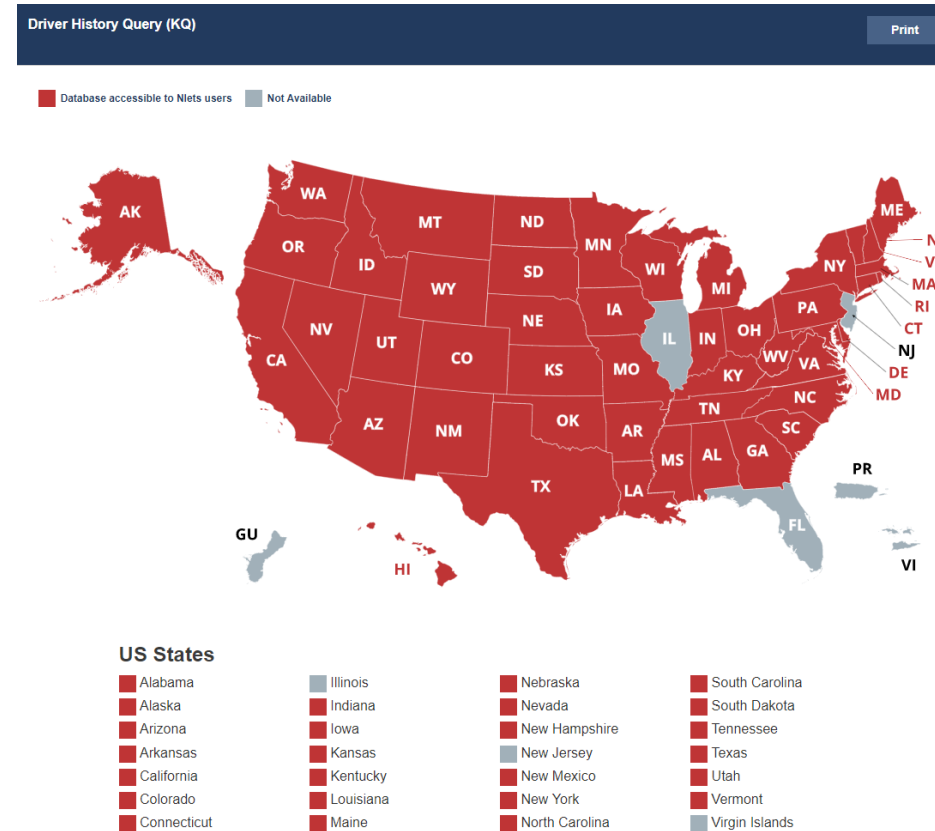
Single most requested feature

Driver History is provided by most states through NLETS

FDLE already supports the KQ query through FCIC/NCIC

Driver History is used to determine the proper charging statute on some offenses

Florida Driver History is only available through DAVID



Source: <https://www.nlets.org/our-members/services>

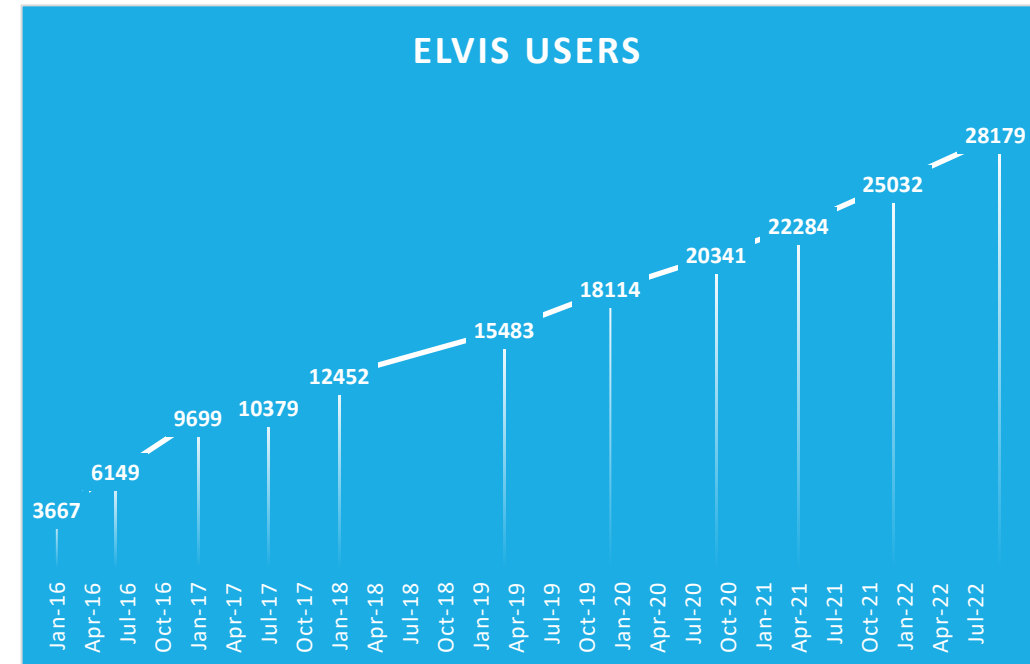
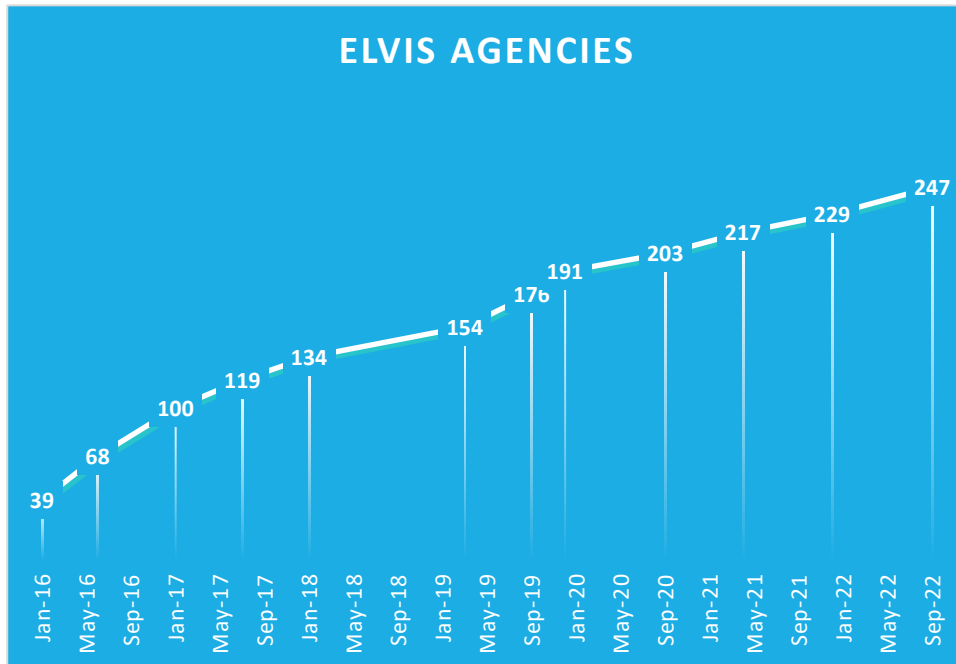
ELVIS Usage over time, 2016-Present

Law Enforcement Agencies

- 1/2016: 39
- 9/2022: 247

User Accounts

- 1/2016: 3,667
- 9/2022: 28,179

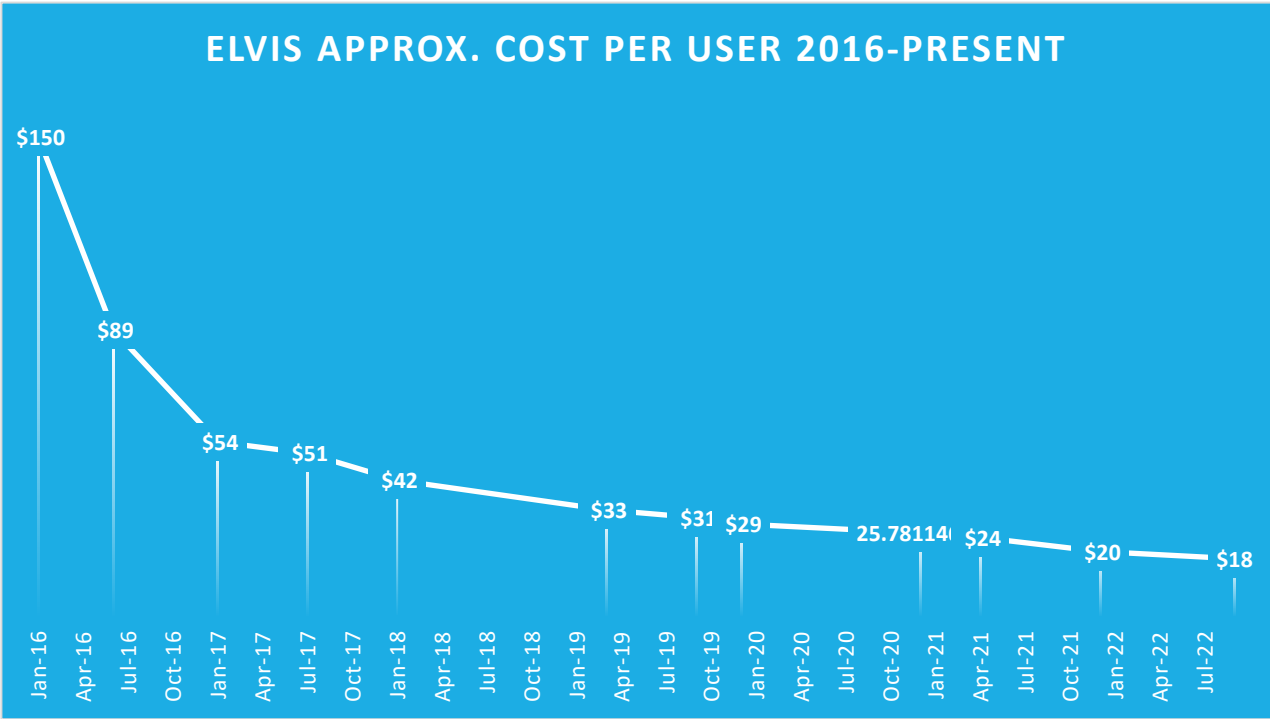


ELVIS Cost per User

FY21-22 Total Funding Request: \$500,000

Total users (as of 9/9/22): 28,179

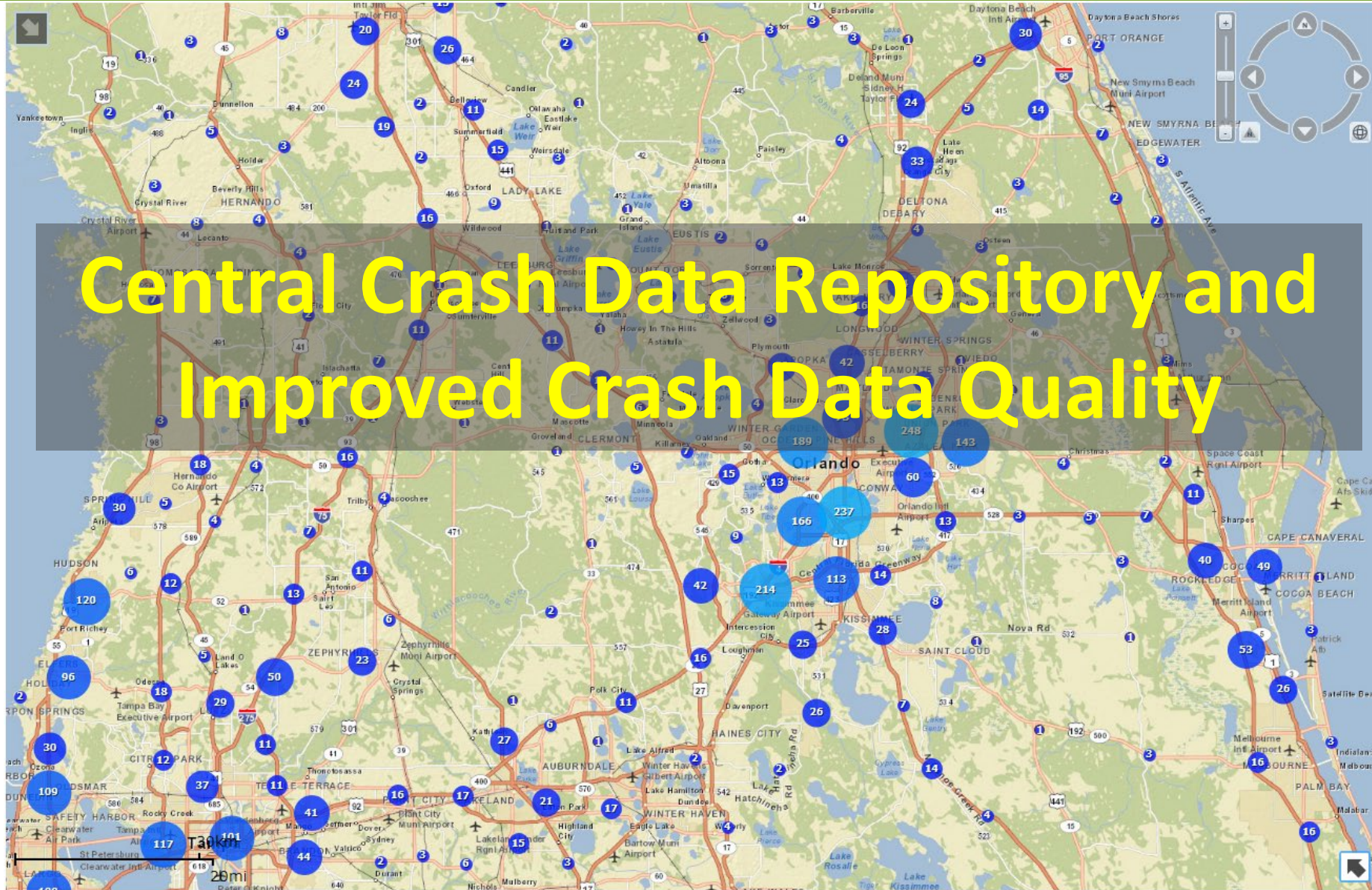
Avg. Cost Per User: \$18



Thank You

QUESTIONS?





Purpose

1. Synchronize the FLHSMV & S4 crash databases.
2. Eliminate duplicate storage of the crash reports at S4/FDOT.
3. Improve FLHSMV process for storing crash diagrams to support high resolution aerial photography.

1. Synchronize FLHSMV & S4 crash databases

A) **Light** synchronization is ongoing. Recent stats:

| | | | | | | |
|-------------|-----------|---------|------------|------------|------------|------------|
| 2022 | 0 | 1 | 7 | 7 | 2 | 0 |
| 2021 | 0 | 0 | 4 | -4 | 0 | -29 |
| 2020 | 0 | 0 | 1 | 1 | 0 | -6 |
| 2019 | 0 | 0 | -22 | -20 | 0 | -10 |
| 2018 | 0 | 0 | -1 | -6 | -1 | -6 |
| 2017 | 0 | 0 | 0 | -2 | 0 | -1 |
| 2016 | 0 | 0 | -1 | -3 | 0 | 4 |
| 2015 | -1 | 0 | 2 | -1 | 0 | 0 |
| 2014 | 0 | -1 | 0 | -31 | -30 | 2 |
| 2013 | 0 | 0 | -3 | -3 | -1 | 0 |
| 2012 | 0 | 0 | 0 | -2 | -14 | -8 |
| 2011 | -1 | 0 | 0 | 0 | 0 | -17 |
| HSMV Totals | 7,385,883 | 270,218 | 14,269,127 | 13,095,117 | 4,836,460 | 4,836,460 |
| S4 Totals | 7,385,881 | 270,218 | 14,269,114 | 13,095,053 | 4,836,416 | 4,836,416 |

A negative number indicates that S4 has less records than FLHSMV and vice versa.

The differences greater than **5** are shown in **red**.

Data as of September 5, 2022.

1. Synchronize FLHSMV & S4 crash databases

B) **Full** synchronization will conduct more in-depth daily comparisons in two ways:

1. Use consistent data definitions (ongoing discussions with FLHSMV)
2. Measure and compare over 30 different variables

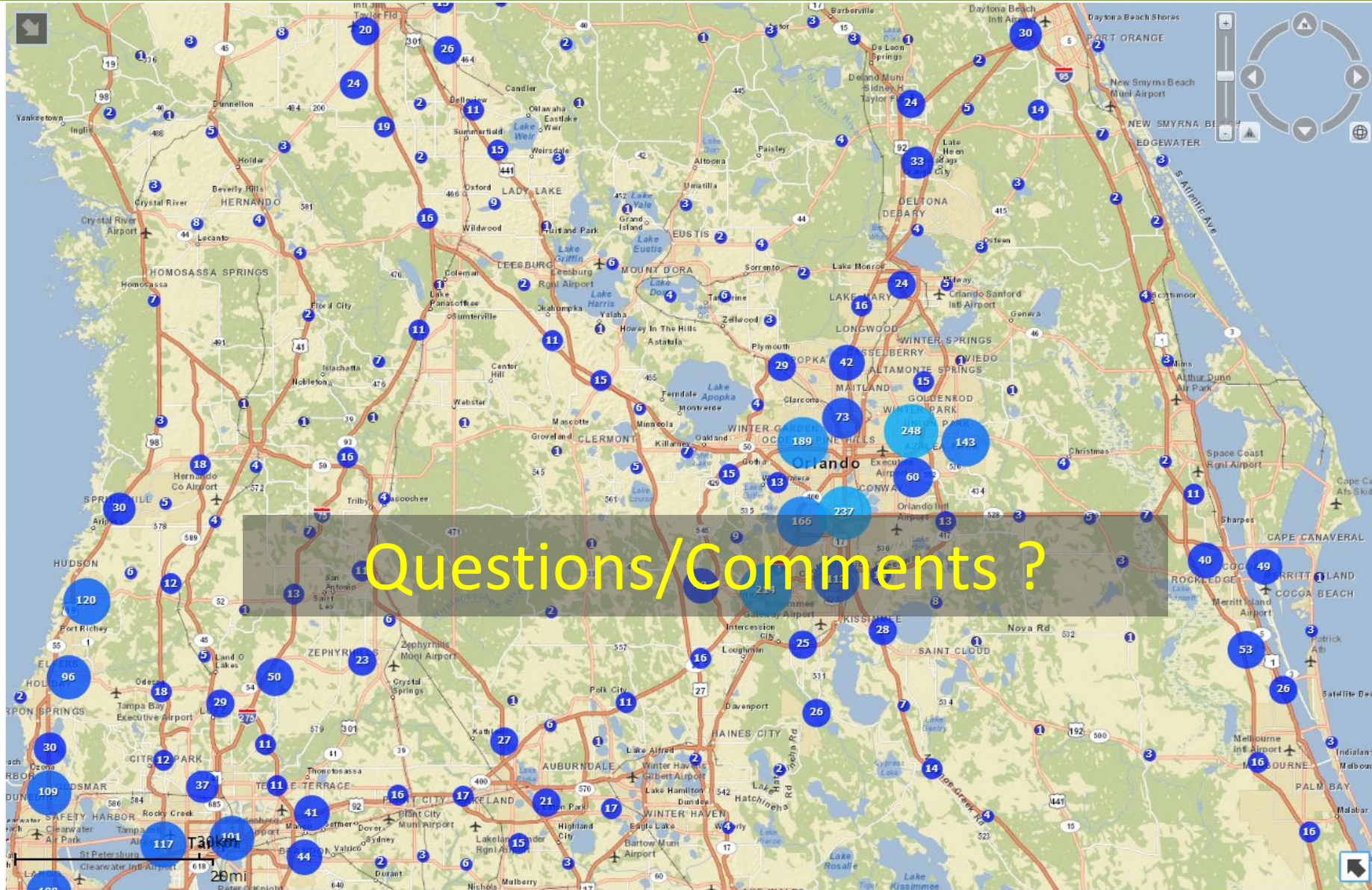
2. Eliminate duplicate storage of the crash reports at S4/FDOT

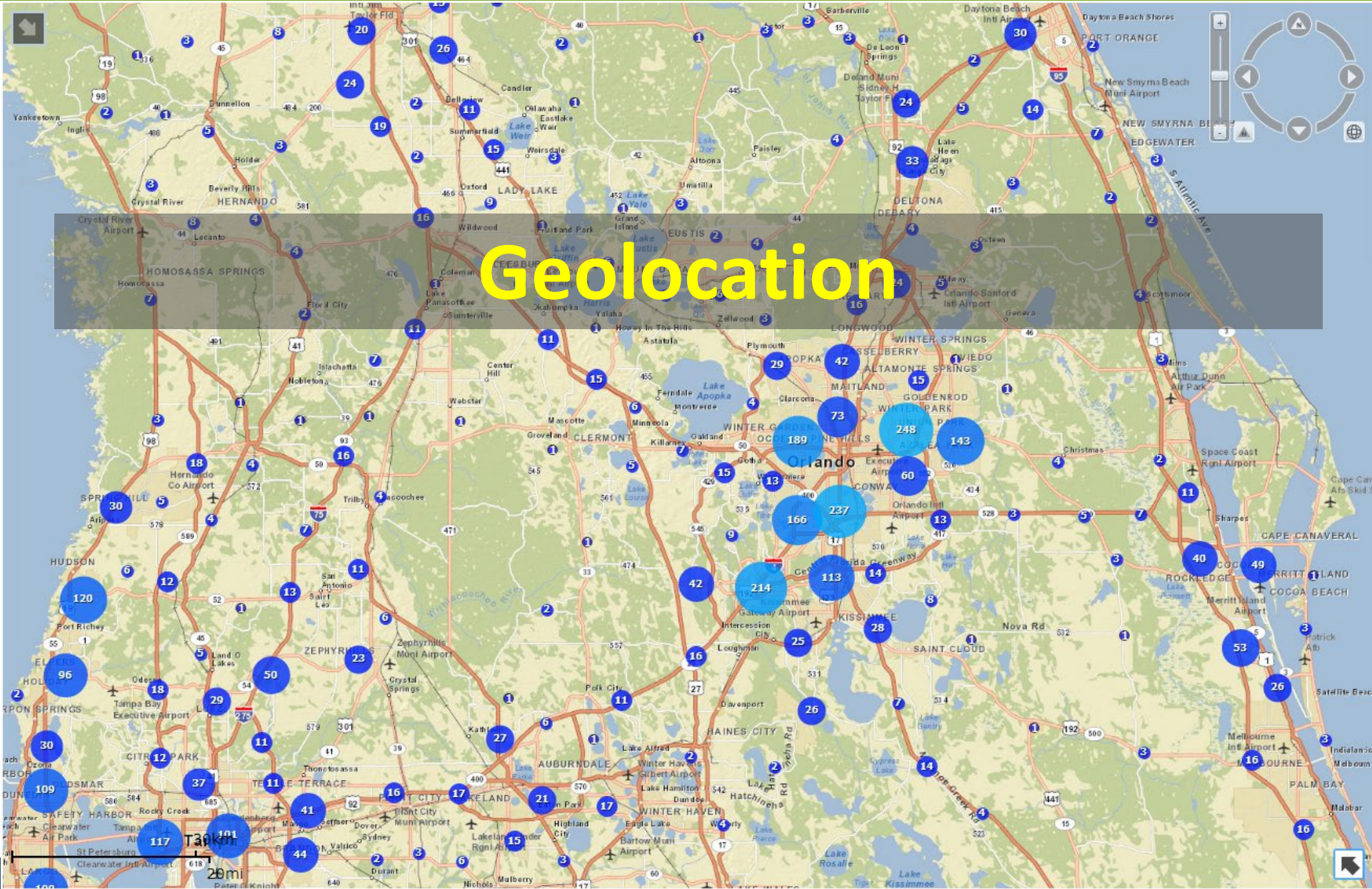
- FLHSMV IT developed the web service for S4 to access the police crash reports directly from FLHSMV.
- Both FLHSMV and S4 completed development and testing of the web service and the process has been finalized in production.
- S4 is now fully using the web service, accessing police crash reports directly from FLHSMV.
- Going forward S4 will no longer store police crash reports

3. Improve FLHSMV process for storing crash diagrams to support high resolution aerial photo

Status:

- Problem was converting pdf to tiff image.
- Image service does not serve up tiffs but, rather pdfs.
- FLHSMV plans on putting out memo to indicate that using aerial photography is now permitted for crash diagrams.

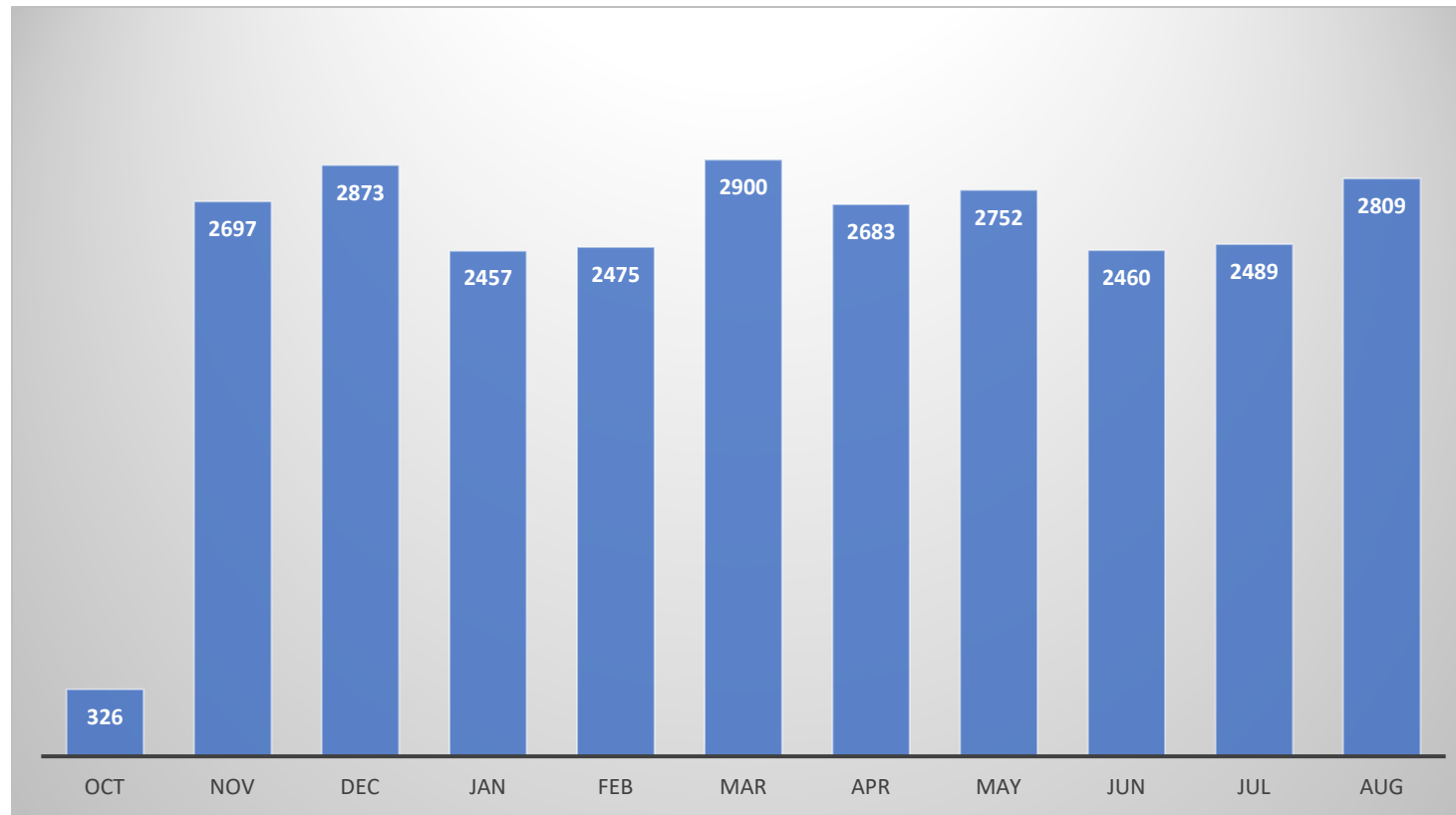




Overall Geolocation Tool Usage for Crashes

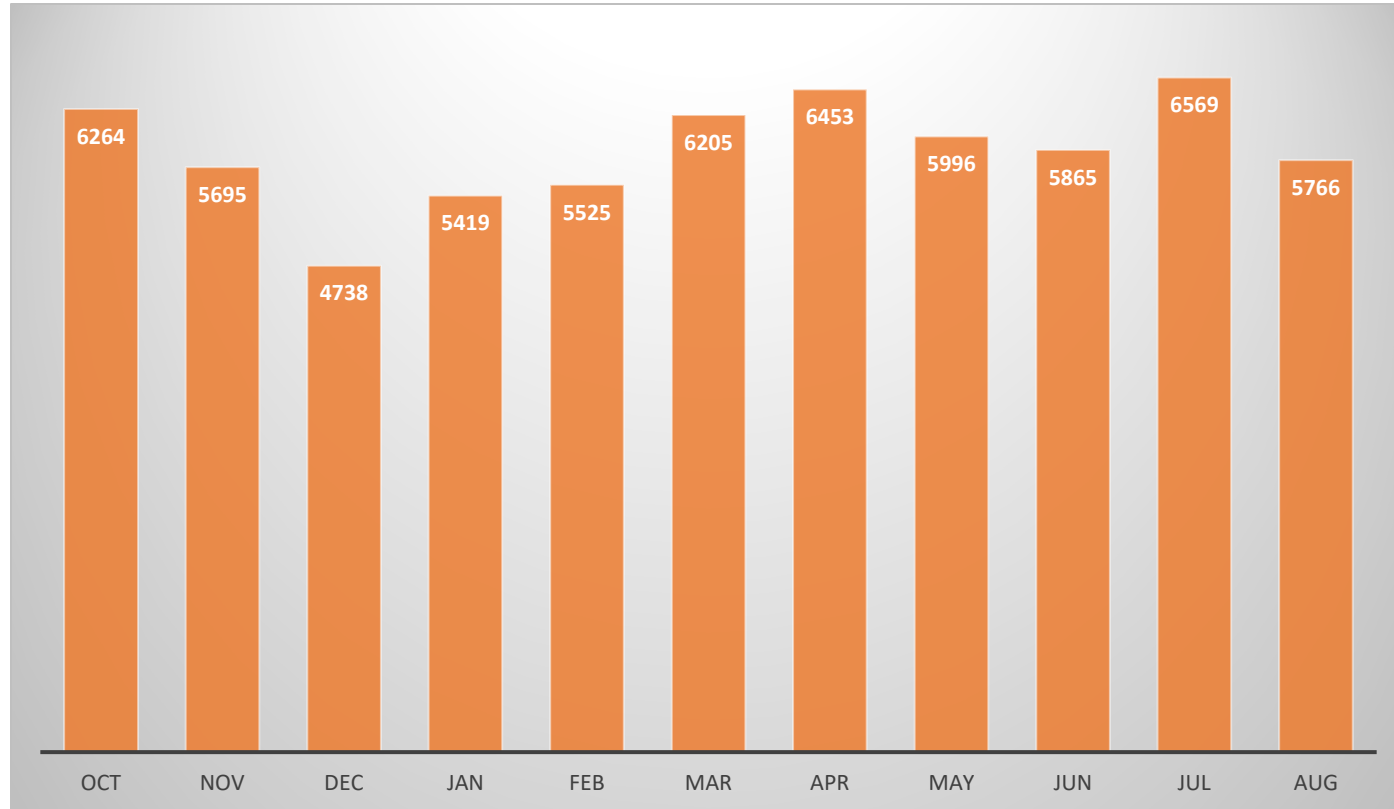
- We are having a glitch with the stats and do not have a chart for all crashes.
- **97%** of TraCS agencies are mandated to use Geolocation Tool for Crash Reports (TraCS, 9/8/22)
- Jacksonville Sheriff's Office (SmartCOP) has mandated the use of Geolocation Tool for Crash Reports since November of 2021

Jacksonville Sheriff's Office (SmartCOP*) Geolocation Tool Usage for Crashes



*Currently using V2.

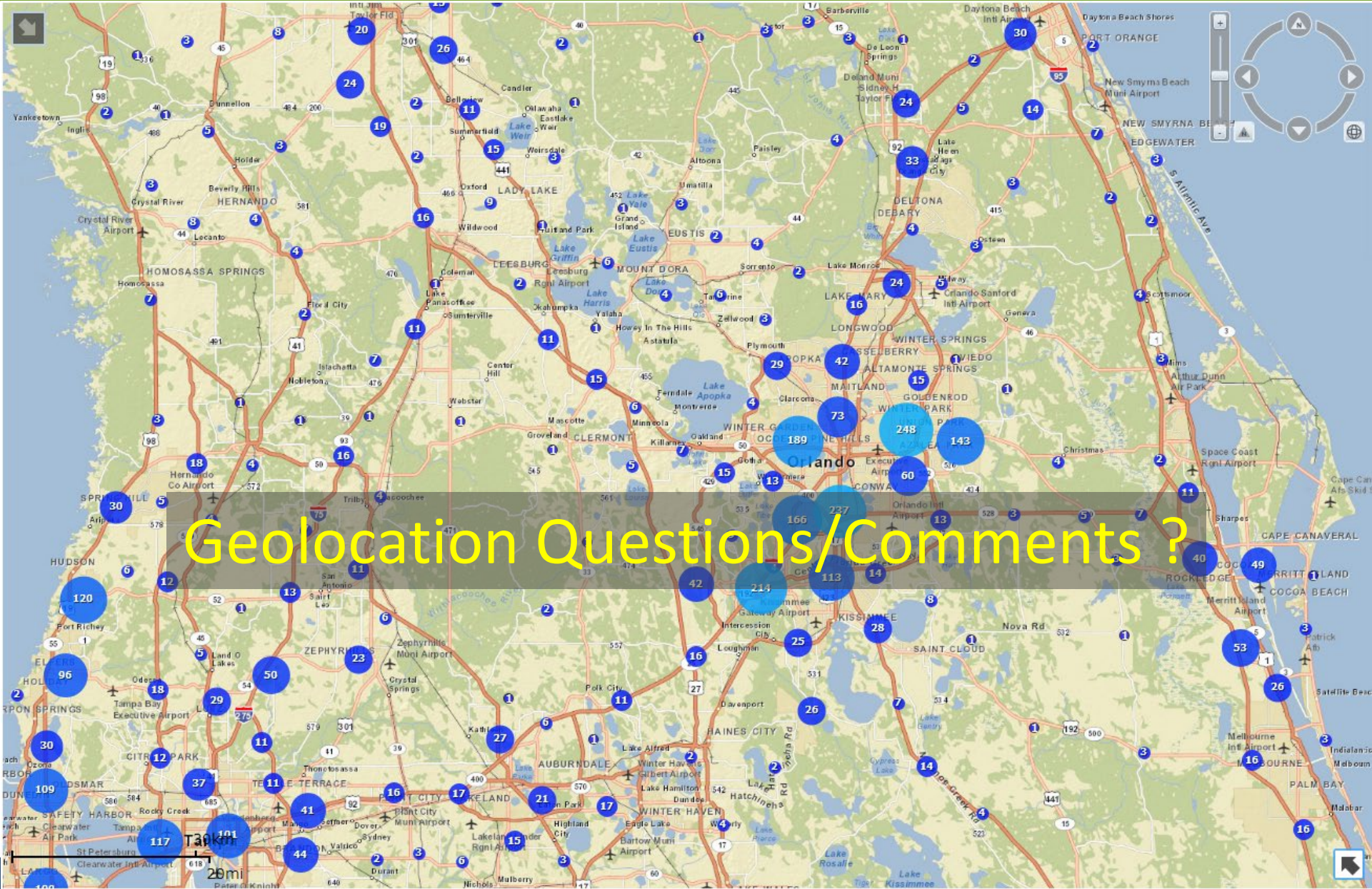
Overall Geolocation Tool Usage for Citations

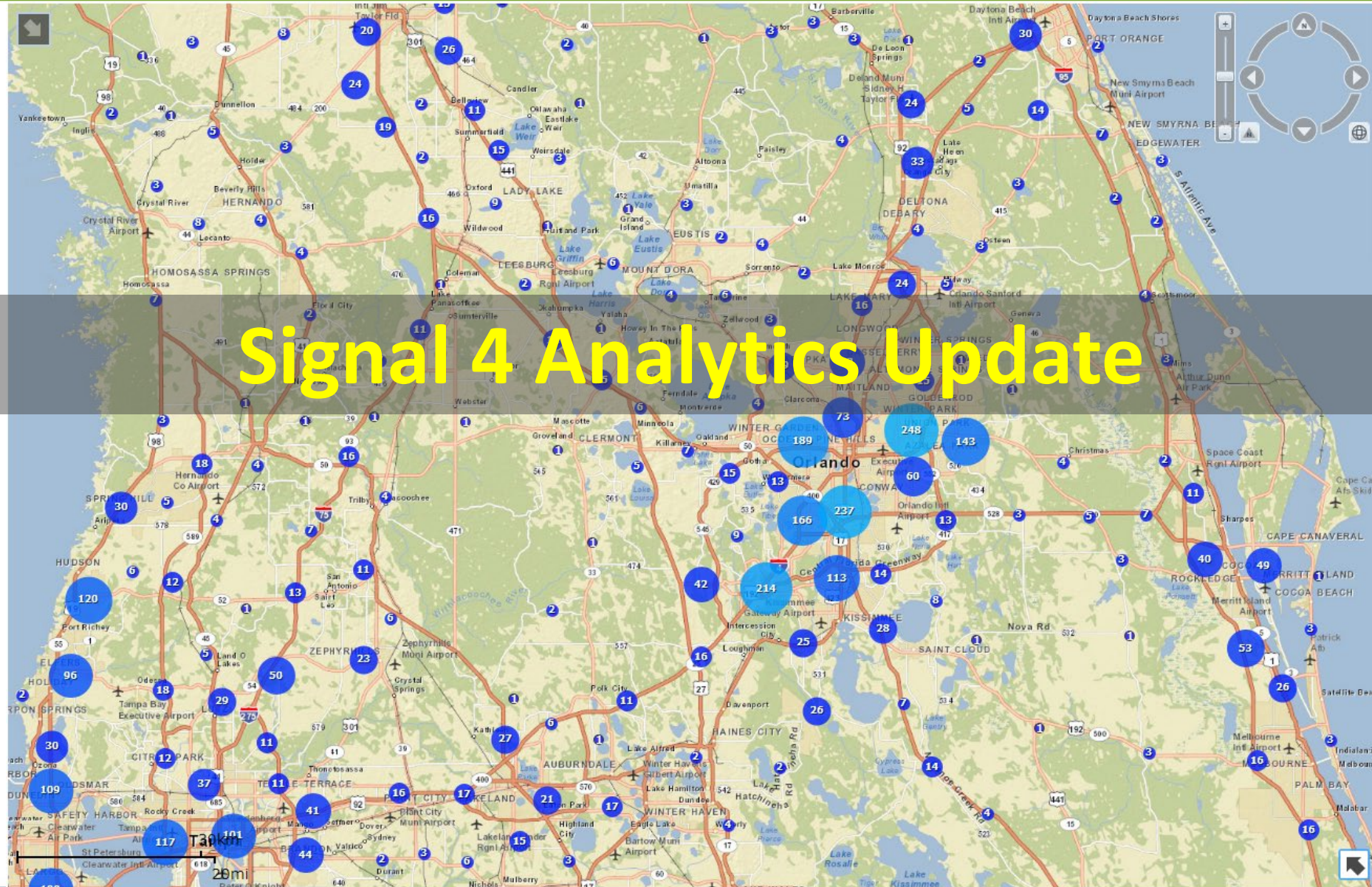


8% of TraCS agencies are mandated to use Geolocation Tool for Citations (TraCS, 9/8/22)

Current and Future Activities:

- Ongoing User and Technical Support: Assist with troubleshooting and coordination efforts.
- Ad hoc statistics provided to FLSHMOV upon request.
- SmartCOP expected to update to geolocation v3 and roll out to rest of agencies this coming year.

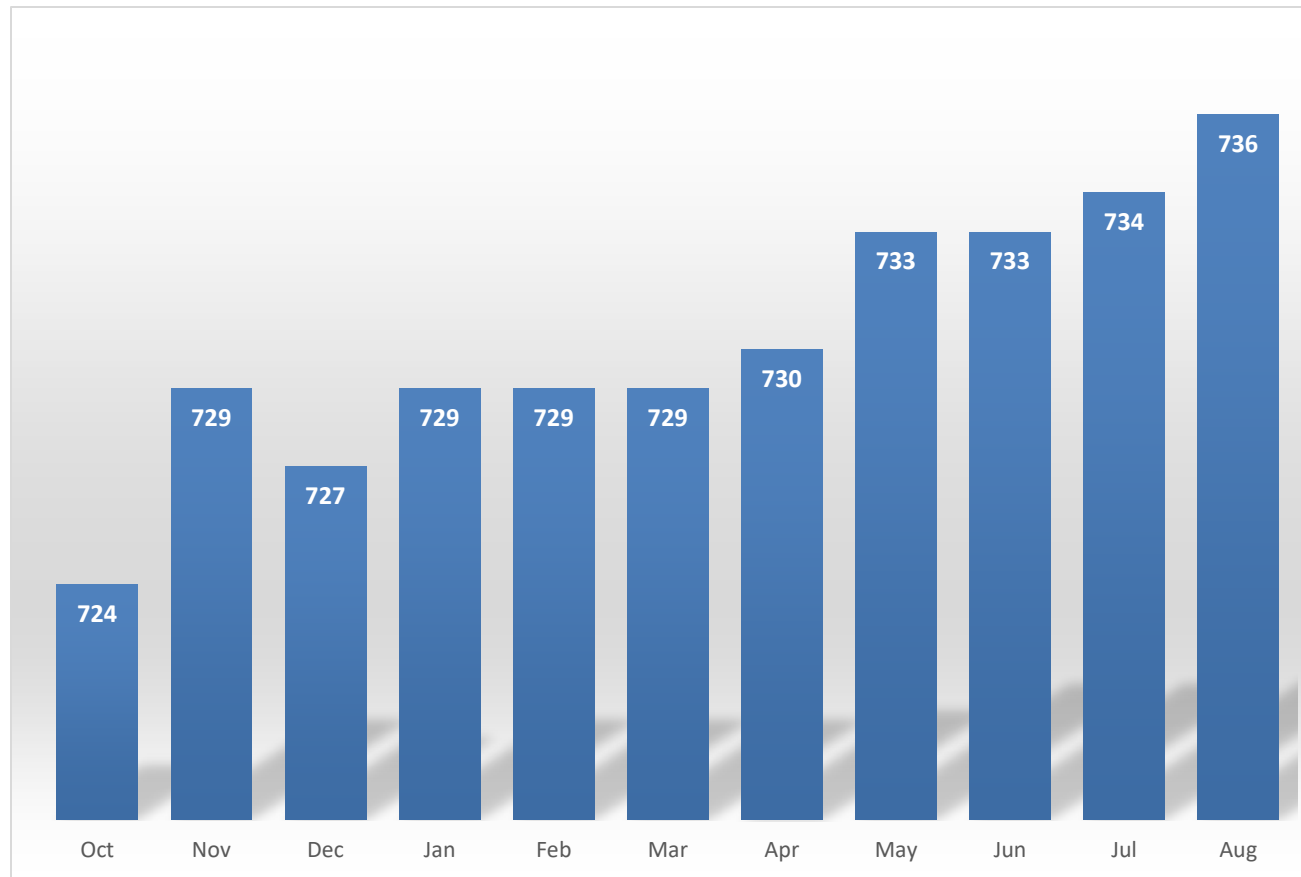




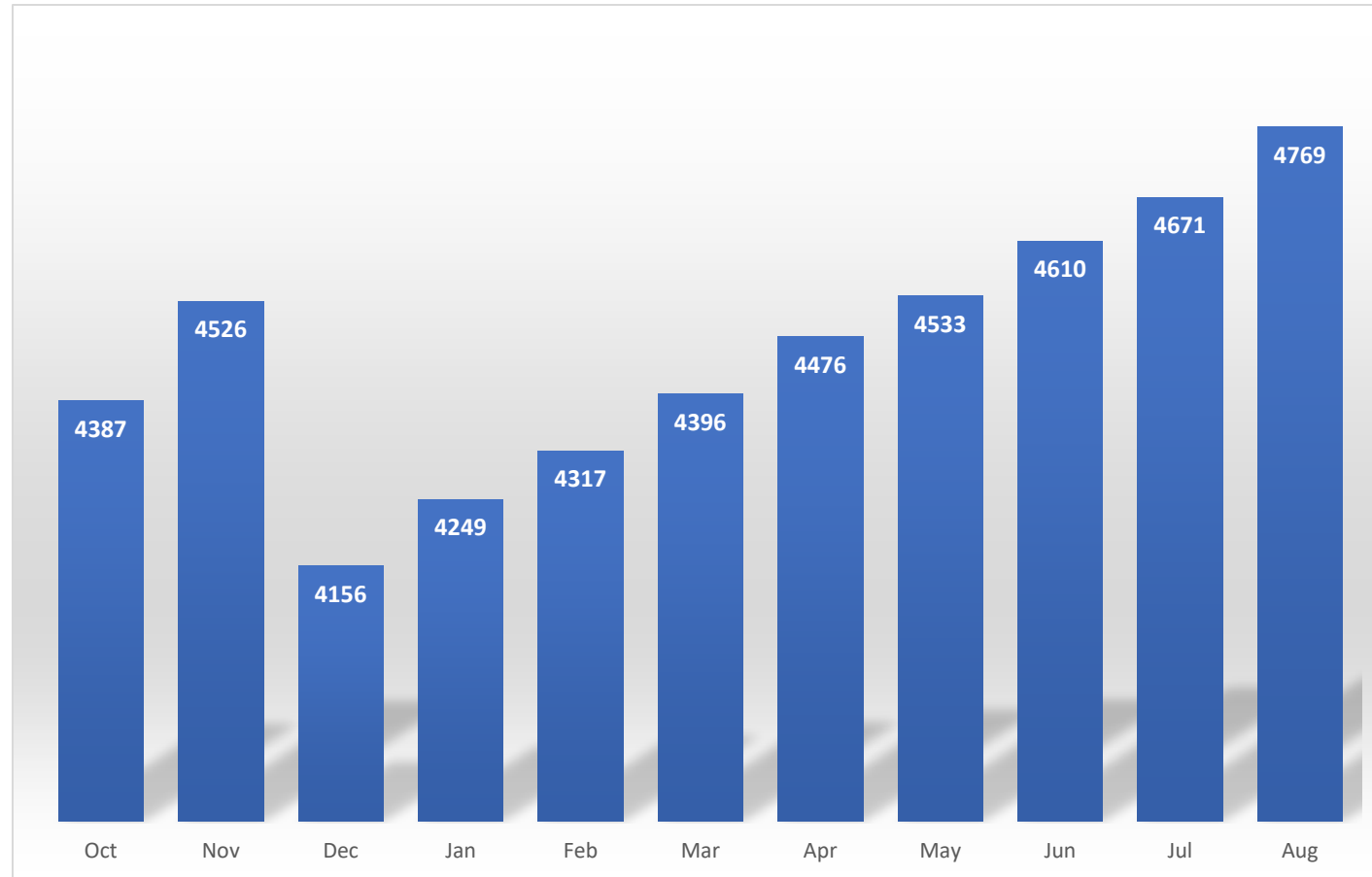
Signal Four Analytics:

- A. Utilization Statistics
- B. New Features
- C. New Features in Development

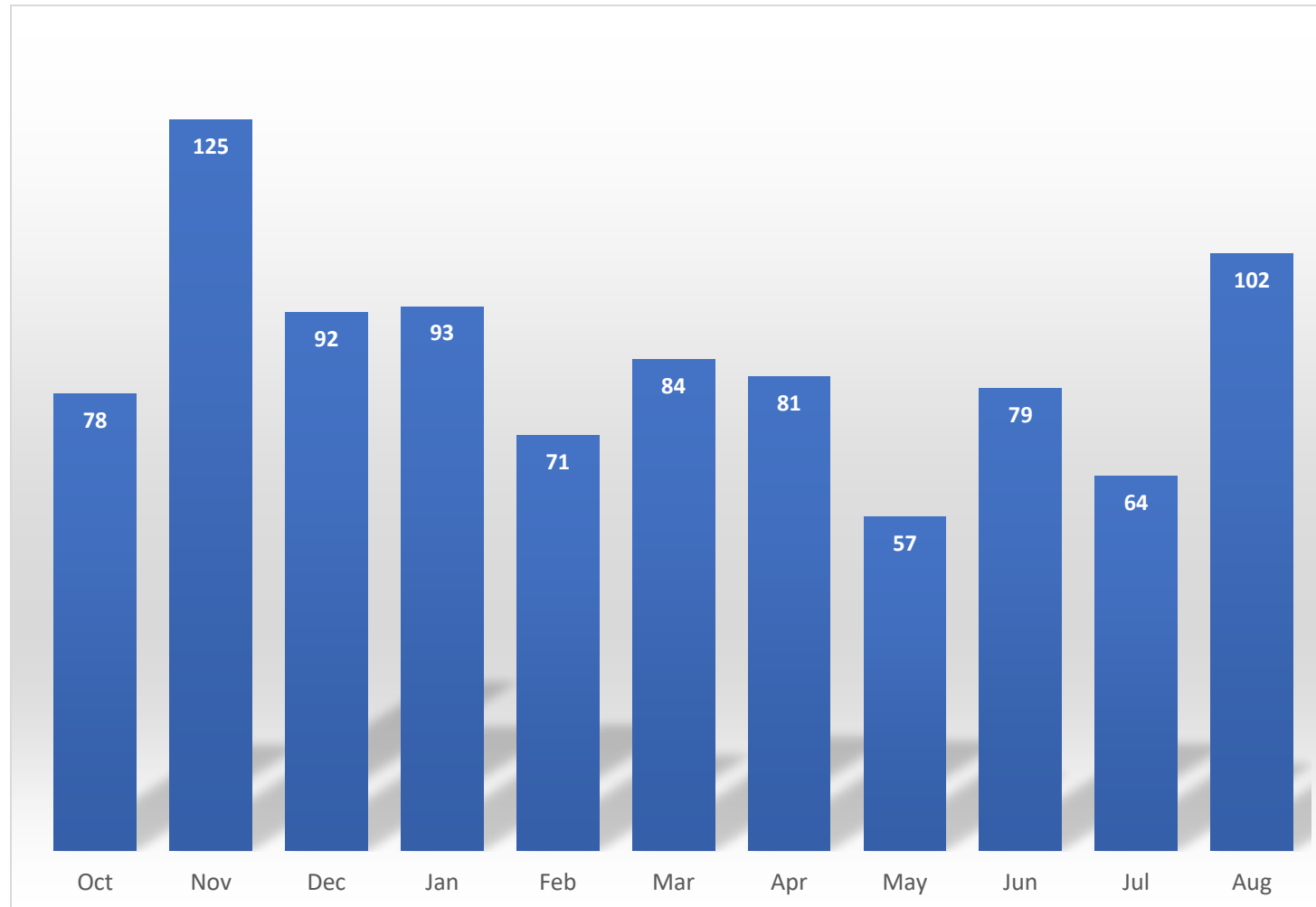
Number of Public Agencies



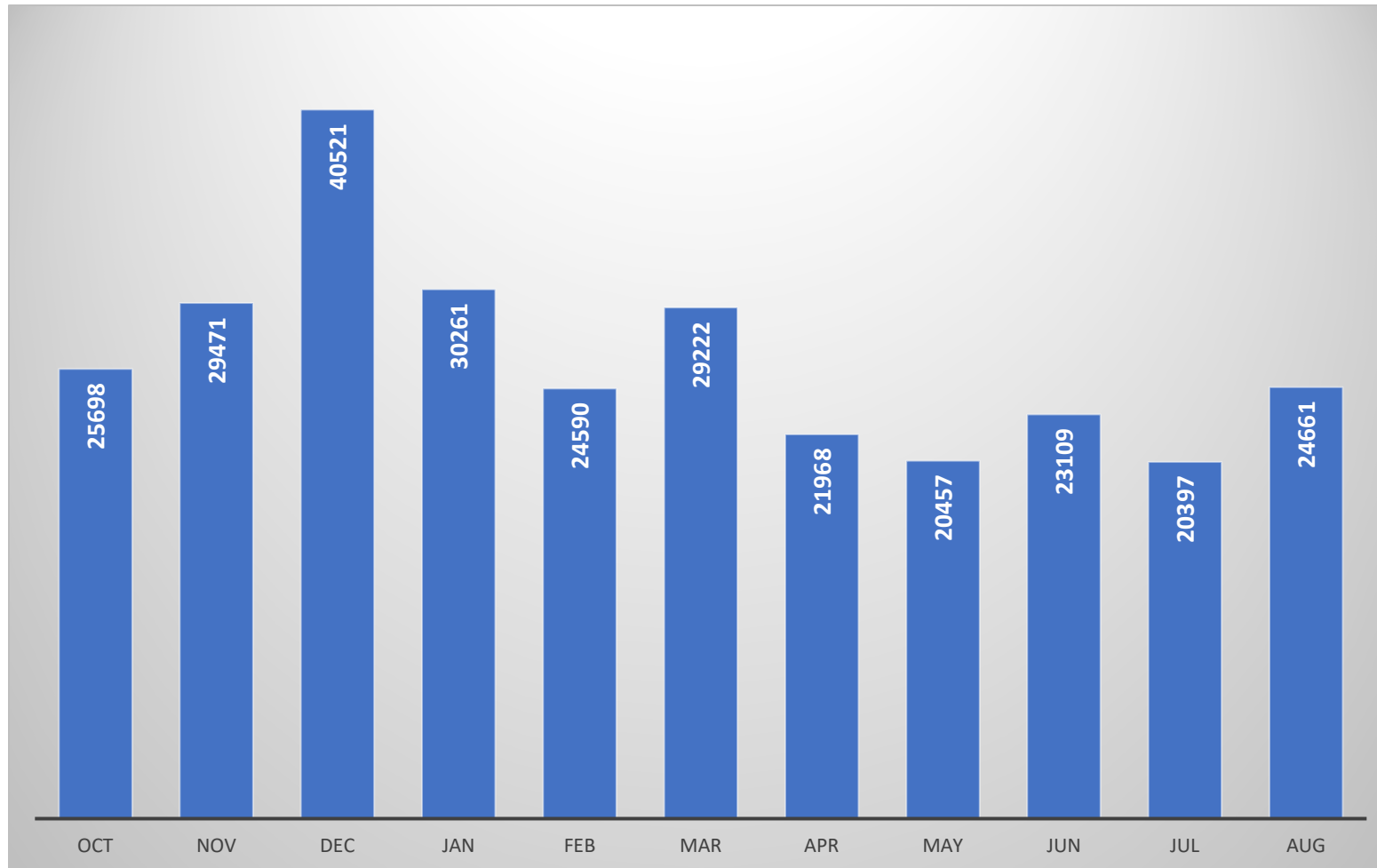
Number of Active Users



New Users by Month

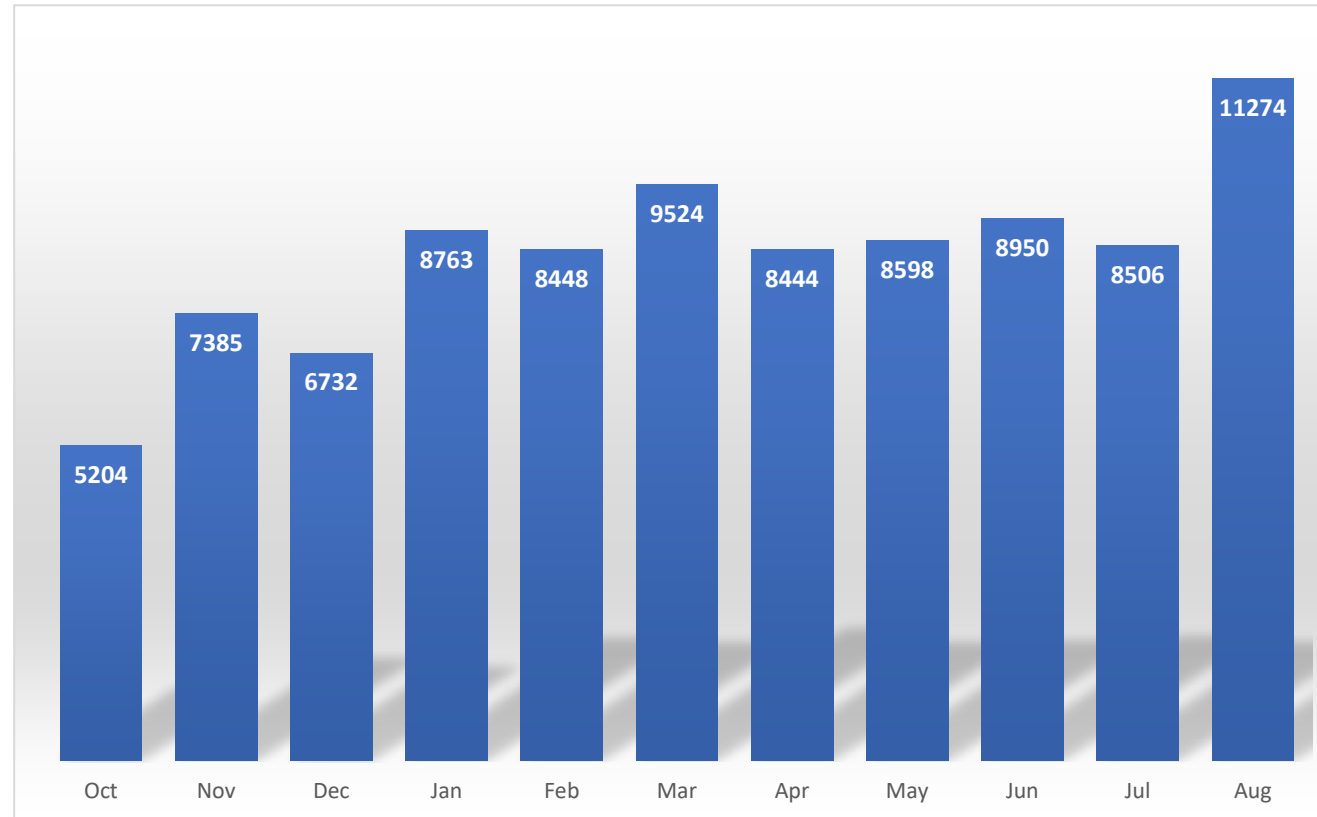


Number of Queries/Reports



Public Dashboard – Google Analytics

Unique Pageviews

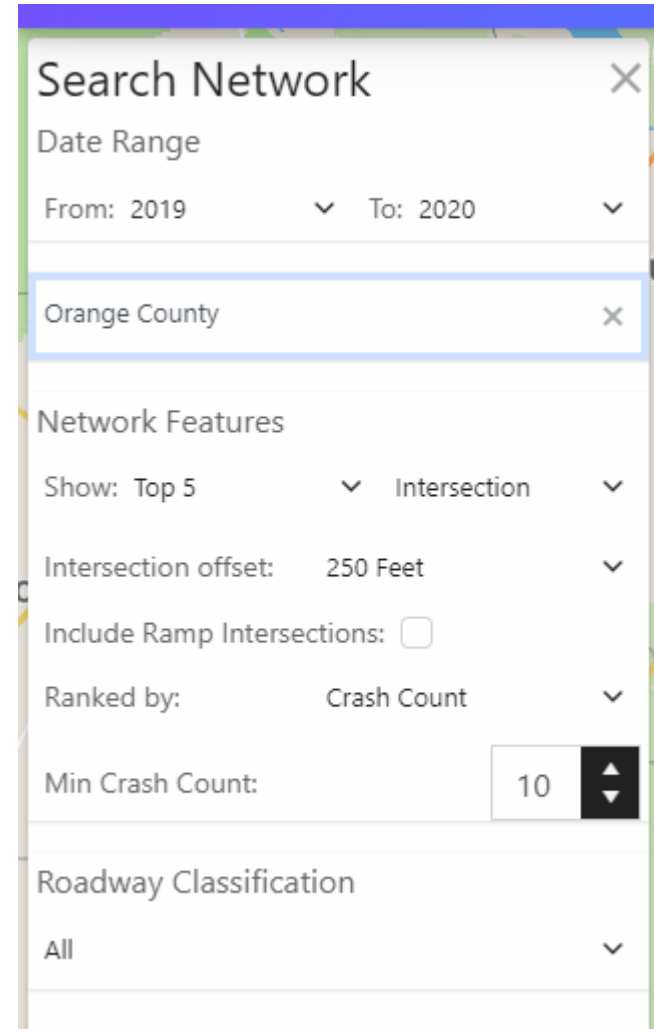
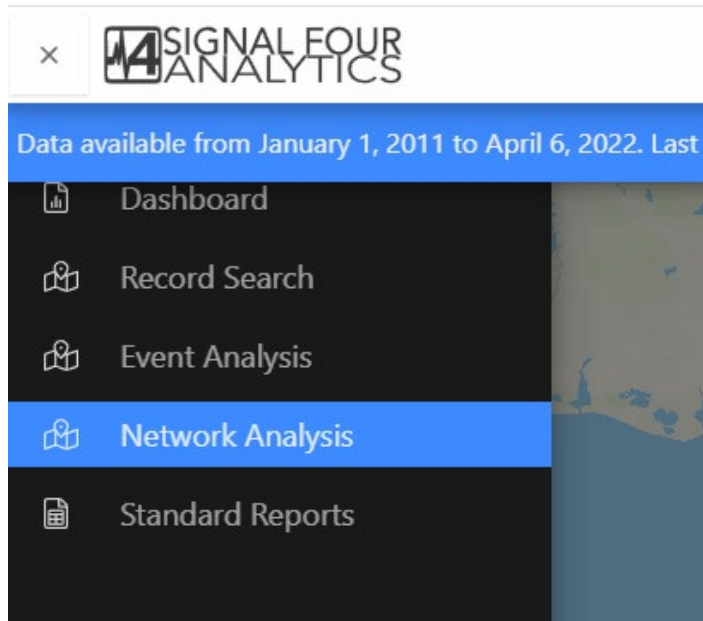


Source: Google Analytics, Unique Pageview: Number of sessions, page is viewed at least once (9/6/22).

New Features Completed

- Network Analysis Completed (From Last TRCC Meeting)
- Florida Traffic Safety Report
- Update to Login Screen-Login by Email
- Chart Improvements: Two-Dimensional Bubble Chart, Dynamic Filters
- Ability to save custom geographic areas
- Ability to upload user custom boundaries

Network Analysis



Florida Traffic Safety Report



FLORIDA TRAFFIC SAFETY REPORT

This report is generated by Signal Four Analytics* based on data available as of 09/06/2022 at 01:17 AM

Overall Crash Summary

| | 2019 | 2020 | 2021 preliminary | 2022 to date |
|------------------|---------|------------------|---------------------|-----------------|
| Fatalities | 3,190 | 3,342(+04.76%) | 3,785(+13.26%) | 2,231 |
| Serious Injuries | 18,122 | 15,617(-13.82%) | 16,897(+08.20%) | 10,431 |
| Total Crashes | 746,086 | 589,790(-20.95%) | 703,014(+19.20%) | 452,426 |

Total Crashes By Month

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 2019 | 60,585 | 60,236 | 66,938 | 63,357 | 64,834 | 57,619 | 57,647 | 64,557 | 57,478 | 66,130 | 61,050 | 65,655 | 746,086 |
| 2020 | 61,712 | 60,364 | 49,471 | 27,377 | 40,280 | 44,682 | 46,281 | 49,010 | 50,077 | 54,967 | 51,147 | 54,422 | 589,790 |
| 2021 | 51,025 | 50,279 | 60,062 | 58,604 | 59,976 | 58,372 | 58,050 | 59,465 | 59,729 | 63,376 | 60,711 | 63,365 | 703,014 |
| 2022 | 55,315 | 57,331 | 64,813 | 59,077 | 57,581 | 52,384 | 52,750 | 50,826 | 2,349 | 0 | 0 | 0 | 452,426 |

Fatalities By Month

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 2019 | 249 | 283 | 321 | 279 | 272 | 252 | 228 | 244 | 243 | 233 | 303 | 283 | 3,190 |
| 2020 | 287 | 277 | 276 | 217 | 277 | 294 | 238 | 249 | 286 | 310 | 319 | 312 | 3,342 |
| 2021 | 316 | 333 | 347 | 319 | 330 | 279 | 304 | 315 | 273 | 339 | 307 | 323 | 3,785 |
| 2022 | 312 | 285 | 357 | 312 | 281 | 240 | 246 | 194 | 4 | 0 | 0 | 0 | 2,231 |

Serious Injuries By Month

| Year | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 2019 | 1,540 | 1,570 | 1,688 | 1,597 | 1,621 | 1,368 | 1,335 | 1,382 | 1,409 | 1,602 | 1,518 | 1,492 | 18,122 |
| 2020 | 1,448 | 1,324 | 1,392 | 839 | 1,274 | 1,217 | 1,192 | 1,257 | 1,288 | 1,515 | 1,400 | 1,471 | 15,617 |
| 2021 | 1,403 | 1,319 | 1,546 | 1,463 | 1,535 | 1,310 | 1,319 | 1,278 | 1,308 | 1,441 | 1,444 | 1,531 | 16,897 |
| 2022 | 1,254 | 1,350 | 1,566 | 1,427 | 1,325 | 1,151 | 1,188 | 1,118 | 52 | 0 | 0 | 0 | 10,431 |

*Signal Four Analytics is hosted at the University of Florida. For more information please visit Signal Four website at s4.geoplan.ufl.edu, or Signal Four Analytics application at signal4analytics.com, or contact Signal Four team at s4-support@ufl.edu.

Florida Traffic Safety Report



FLORIDA TRAFFIC SAFETY REPORT

This report is generated by Signal Four Analytics* based on data available as of 09/06/2022 at 01:17 AM

Total Crashes by Day of Week

| Year | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total |
|------|---------|--------|---------|---------|---------|---------|--------|---------|
| 2019 | 111,410 | 73,061 | 115,073 | 113,443 | 116,046 | 126,310 | 90,743 | 746,086 |
| 2020 | 85,389 | 61,275 | 88,327 | 89,298 | 90,691 | 98,335 | 76,474 | 589,789 |
| 2021 | 102,335 | 73,071 | 105,784 | 106,460 | 106,277 | 119,461 | 89,625 | 703,013 |
| 2022 | 66,546 | 46,257 | 68,629 | 68,551 | 69,235 | 75,053 | 58,148 | 452,419 |

Fatalities By Day of Week

| Year | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total |
|------|-----|-----|-----|-----|-----|-----|-----|-------|
| 2019 | 380 | 430 | 380 | 434 | 496 | 553 | 517 | 3,190 |
| 2020 | 435 | 442 | 423 | 411 | 517 | 586 | 528 | 3,342 |
| 2021 | 513 | 473 | 446 | 491 | 618 | 632 | 612 | 3,785 |
| 2022 | 302 | 281 | 282 | 275 | 312 | 405 | 374 | 2,231 |

Serious Injuries By Day of Week

| Year | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Total |
|------|-------|-------|-------|-------|-------|-------|-------|--------|
| 2019 | 2,476 | 2,452 | 2,436 | 2,507 | 2,951 | 2,835 | 2,465 | 18,122 |
| 2020 | 2,042 | 2,216 | 2,162 | 2,180 | 2,409 | 2,455 | 2,153 | 15,617 |
| 2021 | 2,282 | 2,287 | 2,275 | 2,341 | 2,732 | 2,619 | 2,361 | 16,897 |
| 2022 | 1,407 | 1,416 | 1,415 | 1,464 | 1,624 | 1,680 | 1,425 | 10,431 |

*Signal Four Analytics is hosted at the University of Florida. For more information please visit Signal Four website at s4.geoplan.ufl.edu, or Signal Four Analytics application at signal4analytics.com, or contact Signal Four team at s4-support@ufl.edu.

Florida Traffic Safety Report



FLORIDA TRAFFIC SAFETY REPORT

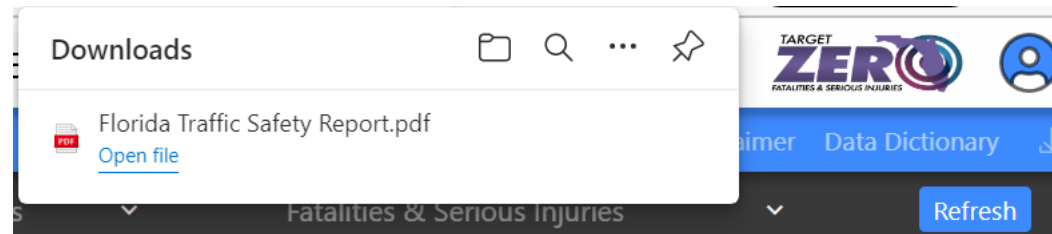
This report is generated by Signal Four Analytics* based on data available as of 09/06/2022 at 01:17 AM

| Emphasis Areas | 2019 | 2020 | 2021 preliminary | 2022 to date |
|---|-------|-------|---------------------|-----------------|
| Aging Road Users | | | | |
| Fatalities | 752 | 683 | 773 | 468 |
| Serious Injuries | 4,224 | 3,314 | 3,638 | 2,258 |
| Commercial Motor Vehicle Operators | | | | |
| Fatalities | 318 | 308 | 377 | 210 |
| Serious Injuries | 1,148 | 974 | 1,040 | 657 |
| Distracted Driving | | | | |
| Fatalities | 268 | 317 | 350 | 182 |
| Serious Injuries | 2,942 | 2,754 | 2,730 | 1,711 |
| Drowsy and Ill Driving | | | | |
| Fatalities | 59 | 65 | 73 | 58 |
| Serious Injuries | 864 | 787 | 882 | 549 |
| Impaired Driving | | | | |
| Fatalities | 1,029 | 1,129 | 1,175 | 461 |
| Serious Injuries | 1,552 | 1,433 | 1,457 | 775 |
| Intersections | | | | |
| Fatalities | 891 | 937 | 1,047 | 587 |
| Serious Injuries | 6,797 | 5,723 | 6,048 | 3,848 |
| Lane Departures | | | | |
| Fatalities | 1,403 | 1,533 | 1,728 | 1,075 |
| Serious Injuries | 5,934 | 5,899 | 6,278 | 3,827 |
| Motorcyclists and Motor Scooter Riders | | | | |
| Fatalities | 575 | 584 | 632 | 401 |
| Serious Injuries | 2,276 | 2,089 | 2,196 | 1,469 |
| Occupant Protection | | | | |
| Fatalities | 662 | 812 | 878 | 496 |
| Serious Injuries | 1,486 | 1,567 | 1,690 | 1,034 |
| Pedestrians and Bicyclists | | | | |
| Fatalities | 904 | 893 | 1,047 | 603 |
| Serious Injuries | 2,335 | 2,058 | 2,231 | 1,408 |
| Rail Crossings | | | | |
| Fatalities | 5 | 7 | 12 | 3 |
| Serious Injuries | 16 | 5 | 13 | 10 |
| Speeding and Aggressive Driving | | | | |
| Fatalities | 390 | 424 | 527 | 309 |
| Serious Injuries | 1,264 | 1,255 | 1,242 | 838 |
| Teen Drivers | | | | |
| Fatalities | 280 | 333 | 359 | 206 |
| Serious Injuries | 2,202 | 1,782 | 1,936 | 1,267 |
| Work Zones | | | | |
| Fatalities | 66 | 80 | 54 | 53 |
| Serious Injuries | 358 | 303 | 323 | 181 |

*Signal Four Analytics is hosted at the University of Florida. For more information please visit Signal Four website at s4.geoplan.ufl.edu, or Signal Four Analytics application at signal4analytics.com, or contact Signal Four team at s4-support@ufl.edu.

Two way to access it:


1. Download Directly From Dashboard



Email notification: Week of 9/6/22.

Two way to access it:

2. Access it automatically via Email Subscription



msnow@dcp.ufl.edu

Request Queue

Export Stats

User Management

Manage Subscriptions

Request New Account

Sign out


Manage Subscription

| Subscribe | Report Name | Frequency |
|-------------------------------------|-------------------------------|-----------|
| <input checked="" type="checkbox"/> | Florida Traffic Safety Report | Daily |


OK Cancel

Florida Crash Fatality Daily Report

Retention: Inbox UF (3 years) Expires: Thu 9/4/2025 12:30 PM

 s4-support@ufl.edu

Mon 9/5/2022 12:30 PM

 Florida Traffic Safety Report.p...
427 KB

Attached please find the Florida Traffic Safety Report, generated by Signal Four Analytics.

Best regards,
Signal Four Analytics Team
GeoPlan Center
University of Florida
s4-support@ufl.edu

- All users have been notified
- Approximately **150** subscribers as of 9/8/22.

Update Login Screen By Email Address

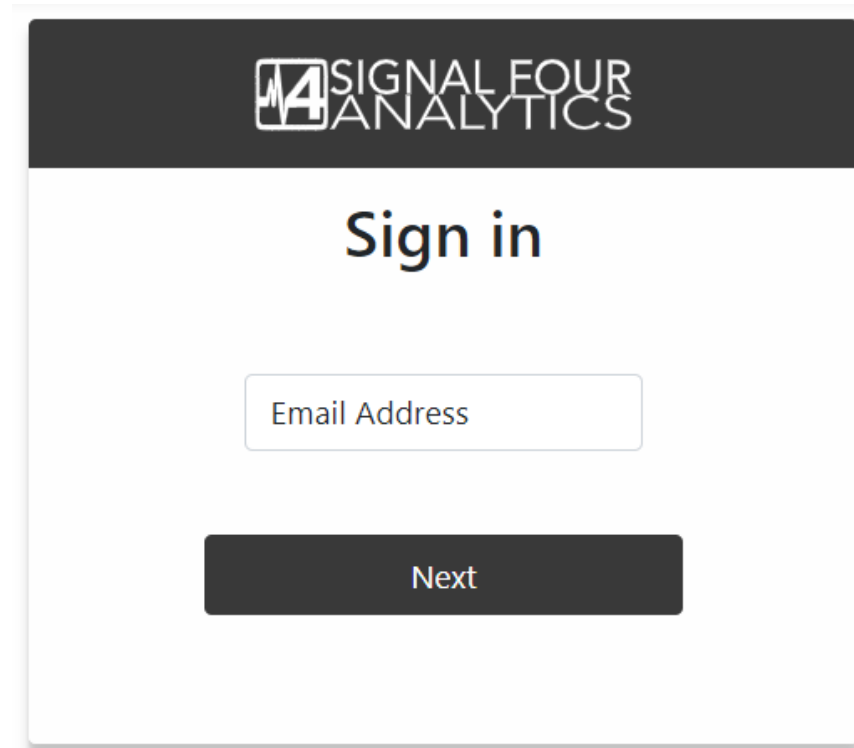
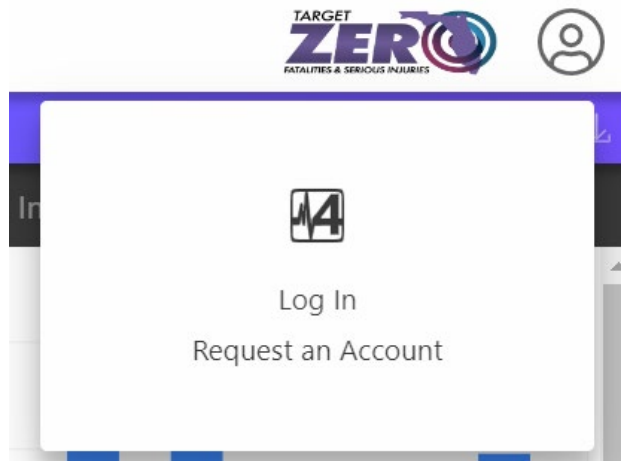
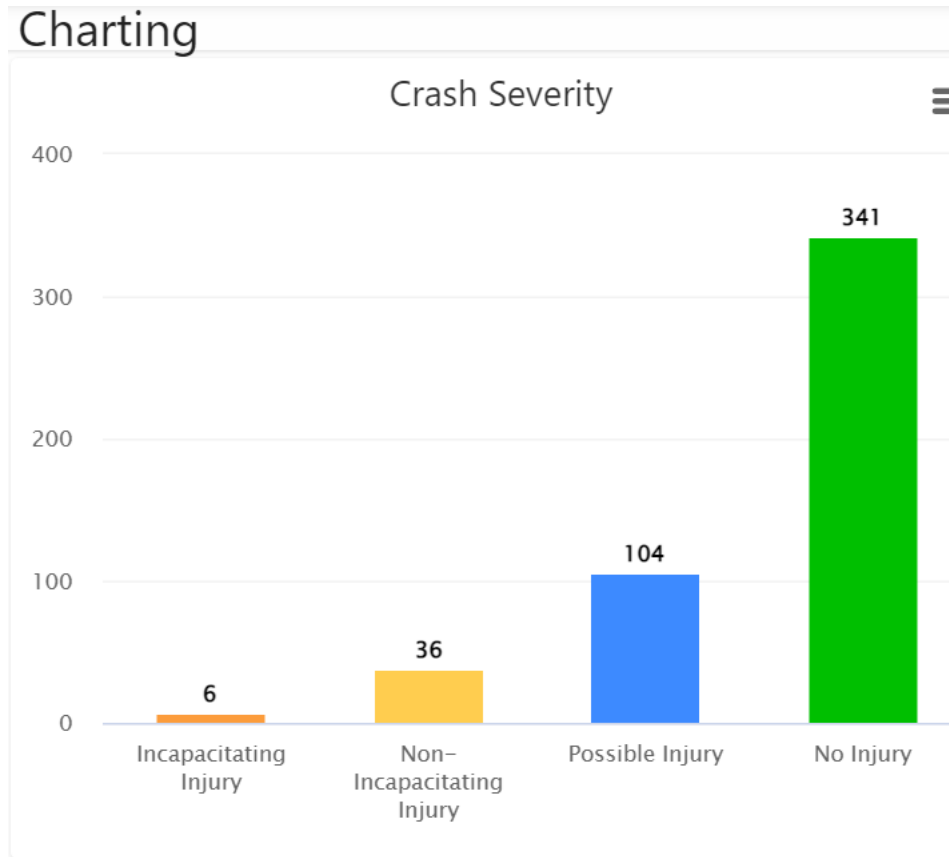


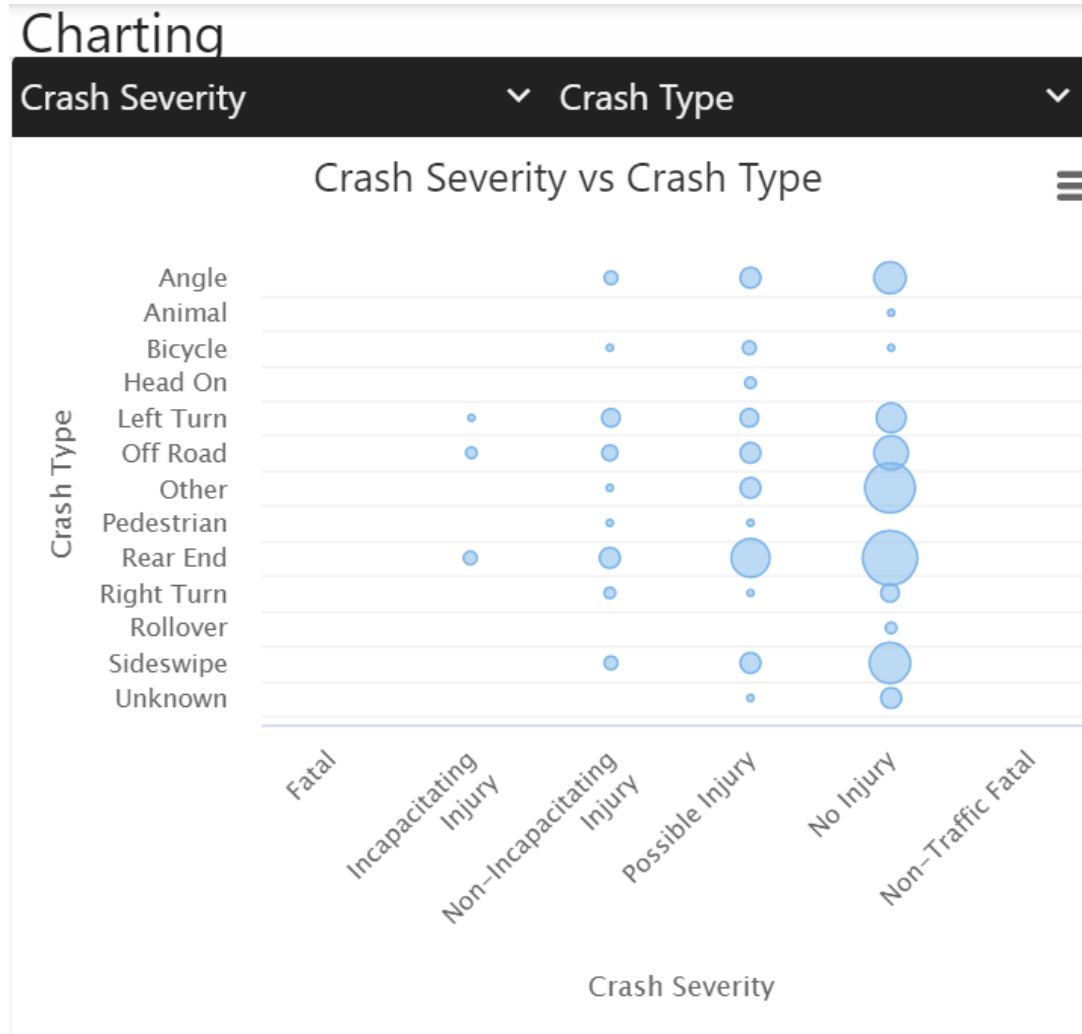
Chart Improvements



Each Chart has the ability for multiple download options:

1. PNG
2. JPEG
3. PDF

Two-dimensional Dynamic Chart



Change Field Name

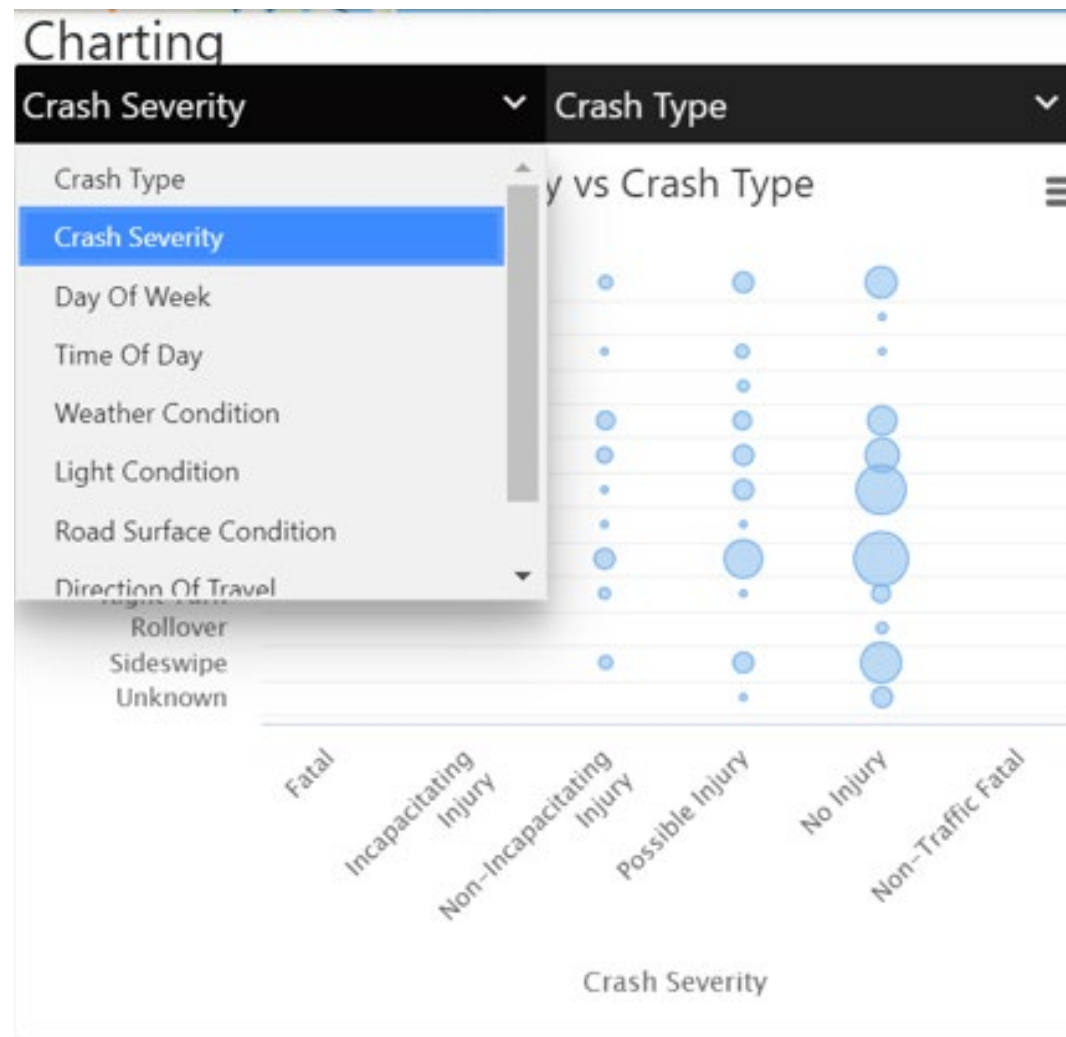
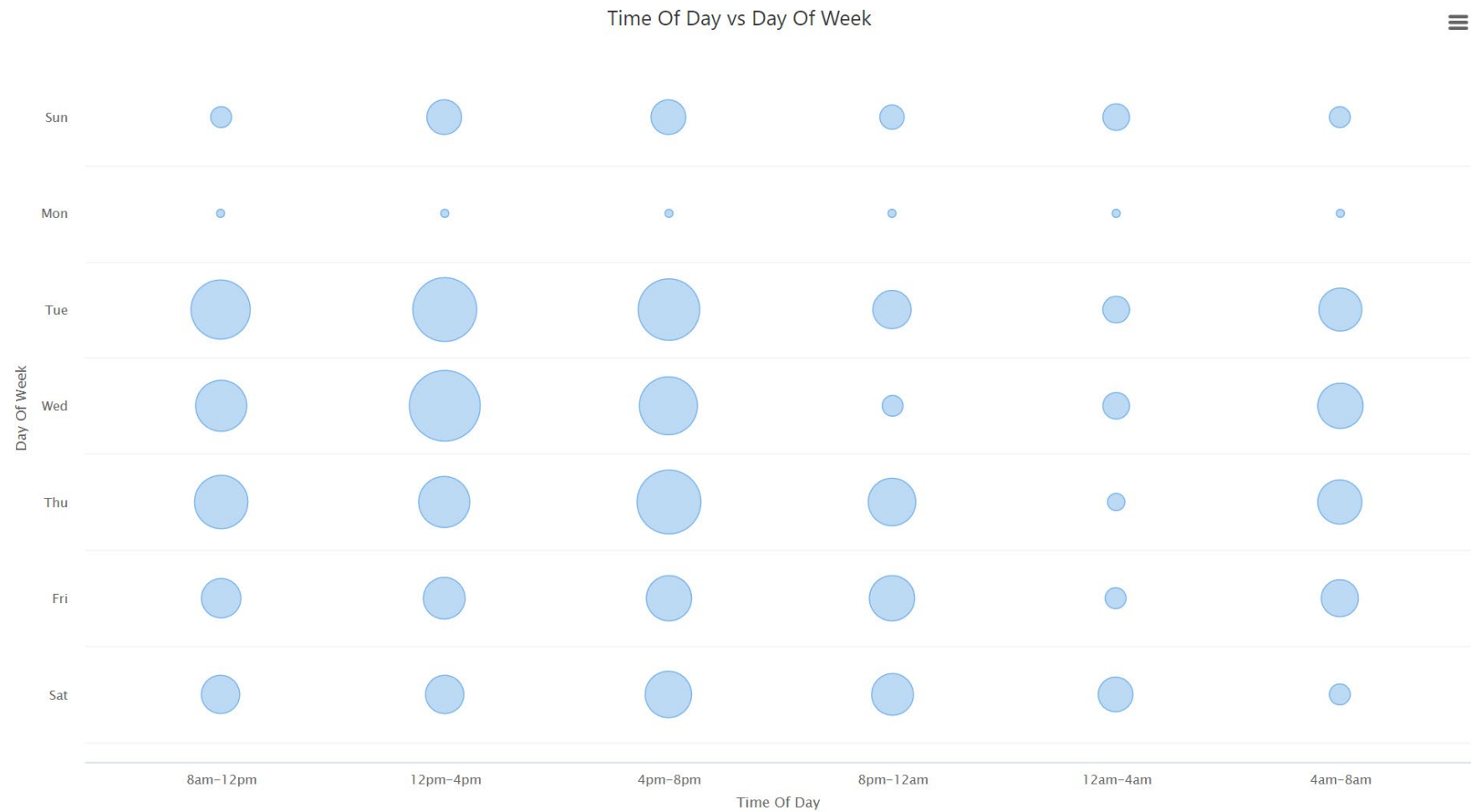



Chart Improvements-Dynamic Charting




Full Screen Option with filtered options (time of day, day of week)

Save Custom Geographic Features




EVENT ANALYSIS



Data available from January 1, 2011 to September 5, 2022. Last update completed September 6, 2022 at 1:17 AM.
[Disclaimer](#)
[Data Dictionary](#)

+



Geographic Area

Select city, county, district or mpo

Street / Intersection

Select a Network Type

Time Period

Date Range

8/30/2022
to
9/5/2022

Reported By

Search reporting agencies

Circumstances

<

Participants

<

Vehicles

<

Search

Custom Geographic Area

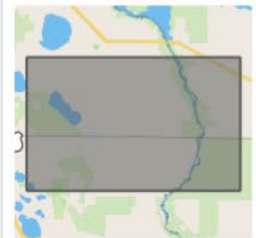
Saved

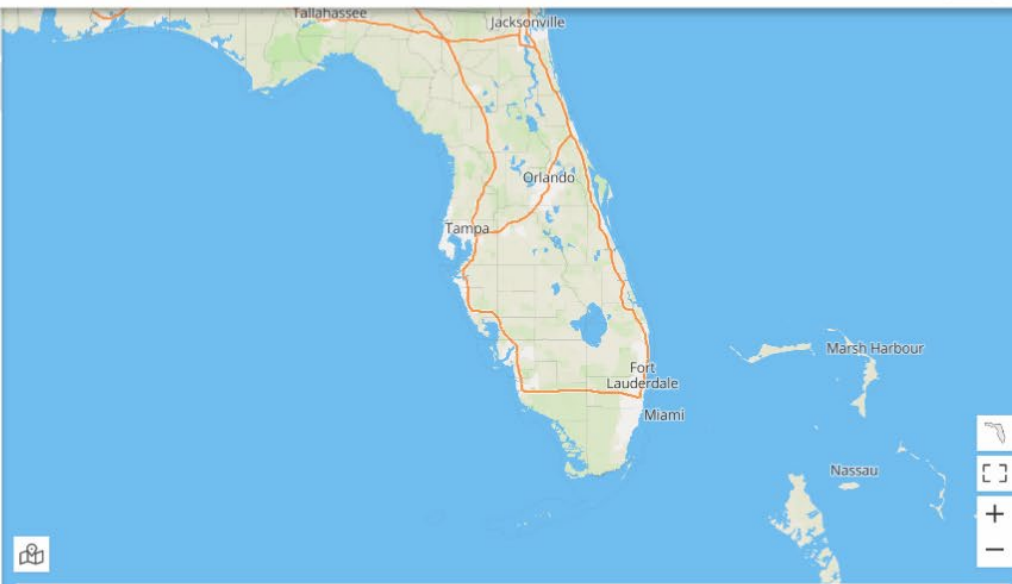
Upload

New

Search your saved areas

rectangle





+

-

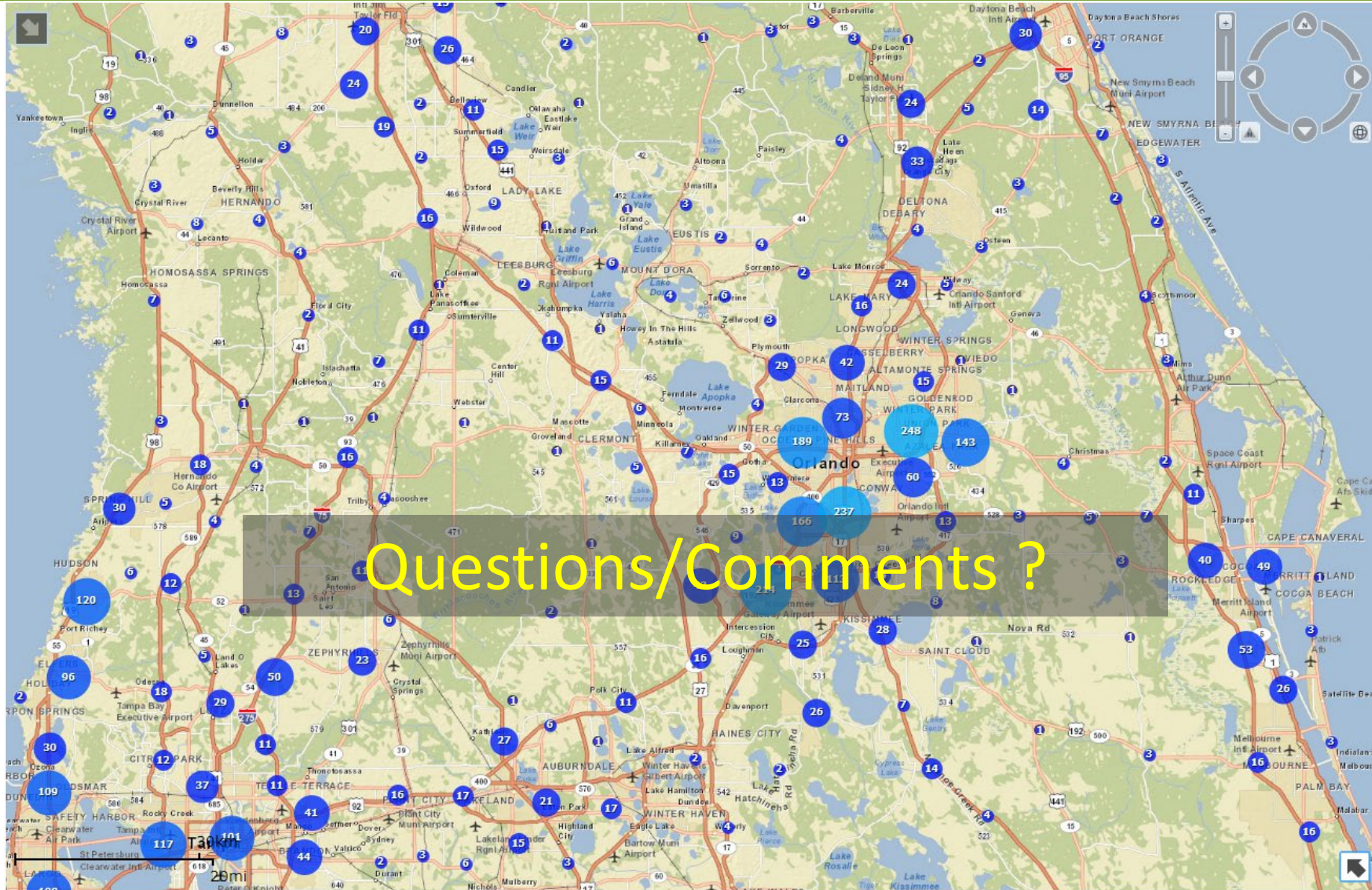
Full Screen

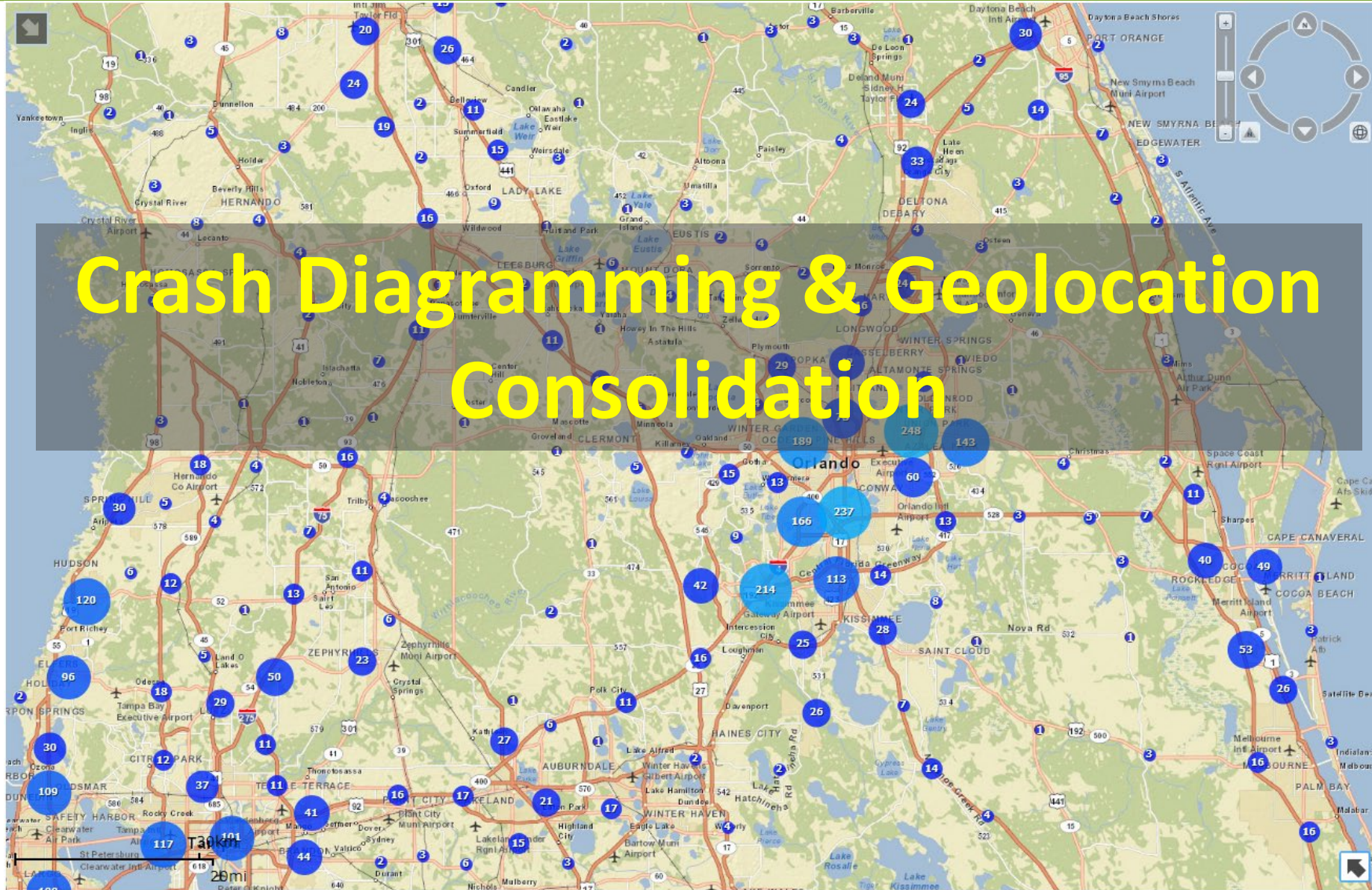
| HSMV Report # | Reporting Agency Case # | Reporting Agency | Crash Date | Crash Time | City |
|---|-------------------------|------------------|------------|------------|------|
| No records currently being displayed. Please issue a query... | | | | | |

Total: 0 / Mapped: 0 / Unmapped:

New Features In Development

- Ability to save and reuse queries – Currently in progress
- Citation Dashboard - Discussions in progress to develop requirements.
- Improvements to website: How-To's, Training Vignettes, Webinars
- Development of PBCAT 3.0





Task 1 – Geolocation-based Crash Diagramming

Purpose:

- Improve data Accuracy, Time Saving, Efficiency and Consistency
- Ensure consistency between
 - Crash location and crash diagram
 - Relevant crash data elements and crash diagram

Features Completed

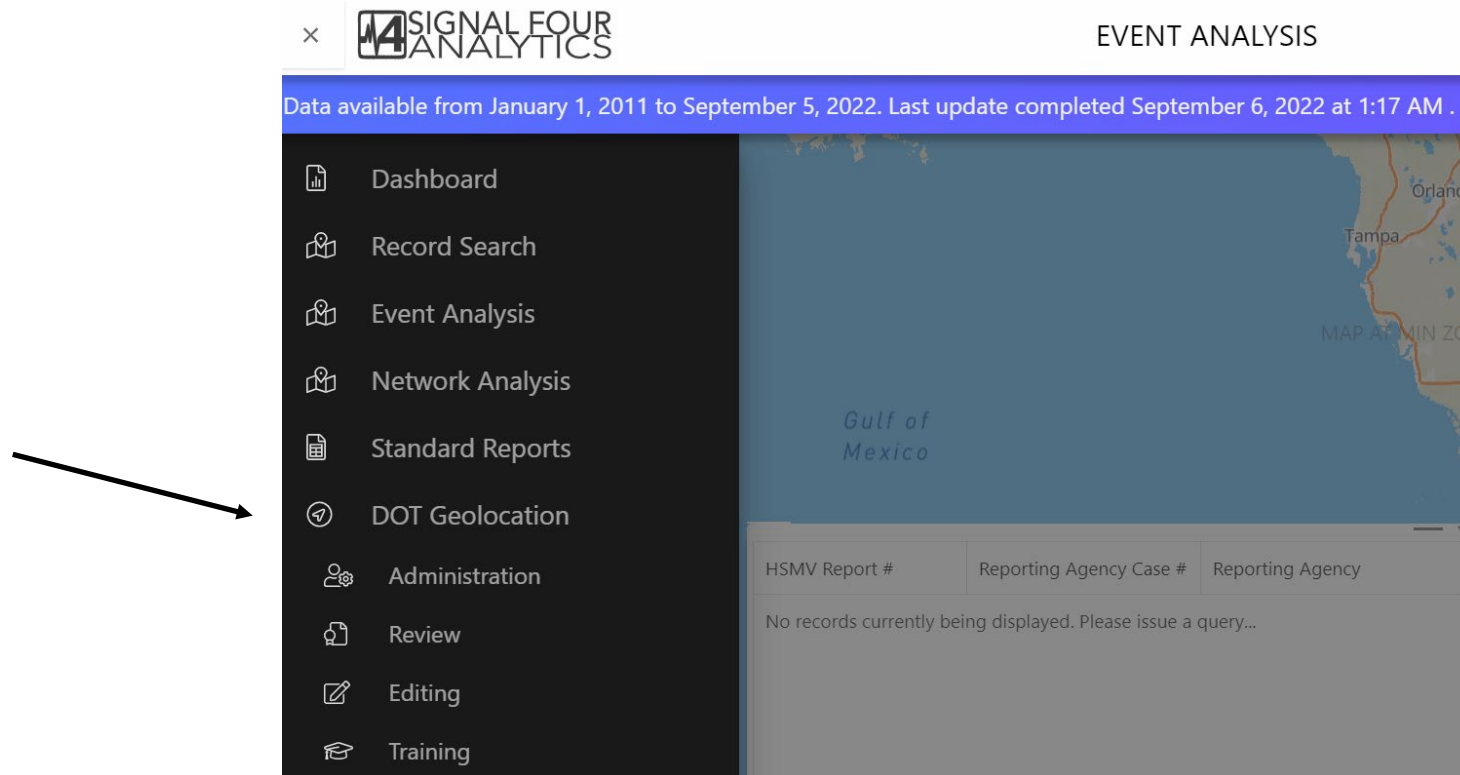
- Complete annotation tools.
- Set up an interactive testing environment.
- Miscellaneous bug fixes and improvements.
- Ability to add trailers to vehicles, new icons, a parking space tool, and various UI improvements.

Currently in Progress:

- Extensive testing
- Display map scale bar
- Include a measure tool
- Miscellaneous UI improvements
- Training Videos
- *Goal for TraCS is to release on beta site at end of September.*

Task 2 – Geolocation Consolidation

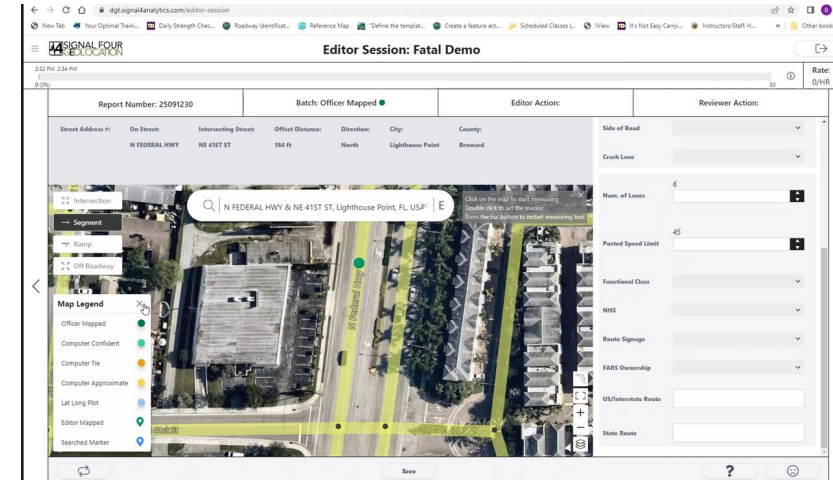
Purpose: Unify the geolocation process amongst FDOT, S4 and LE agencies to achieve one consistent statewide geolocation process.



Activities Performed

**Tool went live in production
in the beginning of June**

FDOT Editors and Reviewers
are using the tool for crash
geolocation

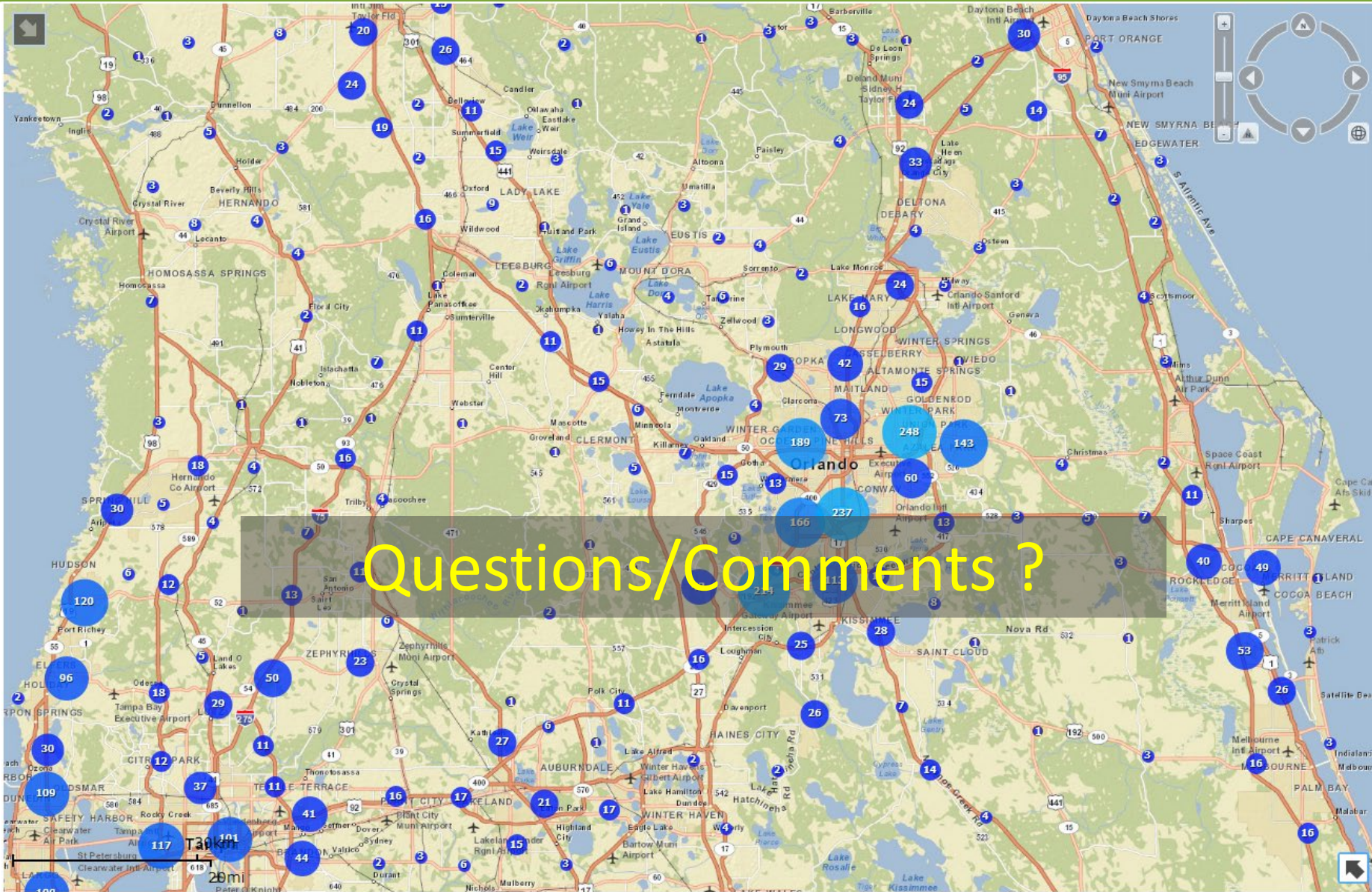


Activities In Progress

- Support for local editors in final testing phase
- Make improvements based on FDOT feedback

Activities In Progress - PBCAT 3.0 Support

- Finalizing requirements
- Finalizing mockups for the UI
- For FDOT editors PBCAT fields will be additional to the current geolocation functionality
- Include support for PBCAT-only editors





Project Purpose:

- Expand Signal 4 Analytics with the FDOT CAR system functionality.
- Consolidation of data, analytics, and reporting into one system.

Current Status and Ongoing Work

- Basic Analysis
 - Mockups completed
 - Implementation under way
- Historic and predictive analysis
 - Proof of concept for intersections and segments completed
 - Draft statewide implementation results currently under review
 - UI mockup refinements and completion under way
- Single Sign On (SSO) for FDOT employees completed (avoids the need for S4 username & password for FDOT employees)
- Data consolidation
 - Historic FDOT data imported into S4
 - Modifications to utilize FLARIS 2.1 data structure under way
 - Ongoing work to export data from S4 to FDOT until full implementation completed

