



***DATA WHEN, WHERE, AND HOW YOU NEED IT***



# ***FLORIDA'S TRAFFIC RECORDS COORDINATING COMMITTEE***

*Executive Board Meeting*

*presented to*

**TRCC**

**June 27, 2025**





# ***WELCOME AND INTRODUCTIONS***

*Chris Craig, FDOT*

# EXECUTIVE BOARD



## TRCC Executive Board Members

**Beth Allman**, Florida Court Clerks and Comptrollers

**Major Lisa Barnett**, Florida Highway Patrol

**Captain Steve Barrows**, Leon County Sheriff's Office/Florida Sheriffs Association

**Ty Carhart (Interim)**, Florida Department of Health

**Lora Hollingsworth**, Florida Department of Transportation

**Robert Kynoch**, Florida Department of Highway Safety and Motor Vehicles

**Deputy Chief Tonja Smith**, Tallahassee Police Department/Florida Police Chiefs Association



DATA WHEN, WHERE, AND HOW YOU NEED IT

## TRAFFIC RECORDS COORDINATING COMMITTEE MEETING REPORT

APRIL 4, 2025



# APRIL 4, 2025, MEETING MINUTES

*Chris Craig*

*Prepared For:*

**FLORIDA DEPARTMENT OF TRANSPORTATION**

*Prepared By:*

**CHRIS CRAIG, TRAFFIC SAFETY ADMINISTRATOR**

*Meeting Notes Taken By:*

**CAMBRIDGE SYSTEMATICS, INC.**

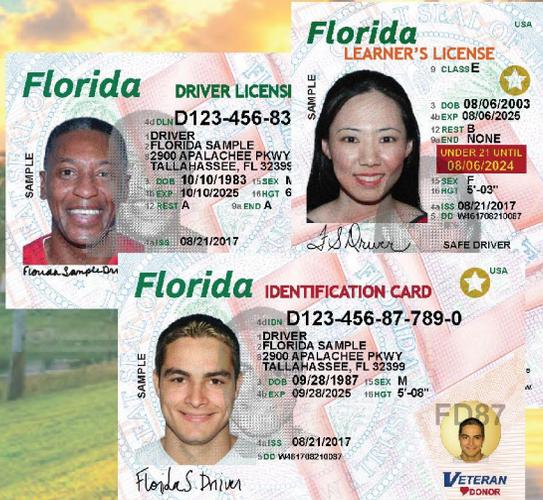


FLTrafficRecords.com | 1



# ***CRASH AND UNIFORM TRAFFIC CITATION (UTC) DATA IMPROVEMENT***

*Florida Department of Highway Safety and Motor Vehicles*



**FLORIDA**  
**ARRIVE ALIVE**  
**BUCKLE UP**



# FFY 2025 Crash & UTC Data Improvement Grant Melissa Gonzalez, Operations & Management Consultant Manager

# OPM & Crash - Provider Support Initiative

---

## WEEKLY ERROR REPORT & DASHBOARD

Enhanced e-crash load error report detailing:

- error count by LEA/vendor; specific error, errored crash # and zip file in which it failed to load
- reconciliation (timeliness) feature – details errored reports yet to be corrected and resubmitted

Benefits

- Resolves lack of details of e-crash load error report
- Potential to rate the vendor
- Tableau Based → ACT Report Compatible

Demo Date / E-crash Vendor	
5/23/25	TraCS
5/28/25	Lexis Nexis
6/6/25	ProPhoenix
6/9/25	Central Square
6/12/25	Tyler Tech



## Reconciliation Report

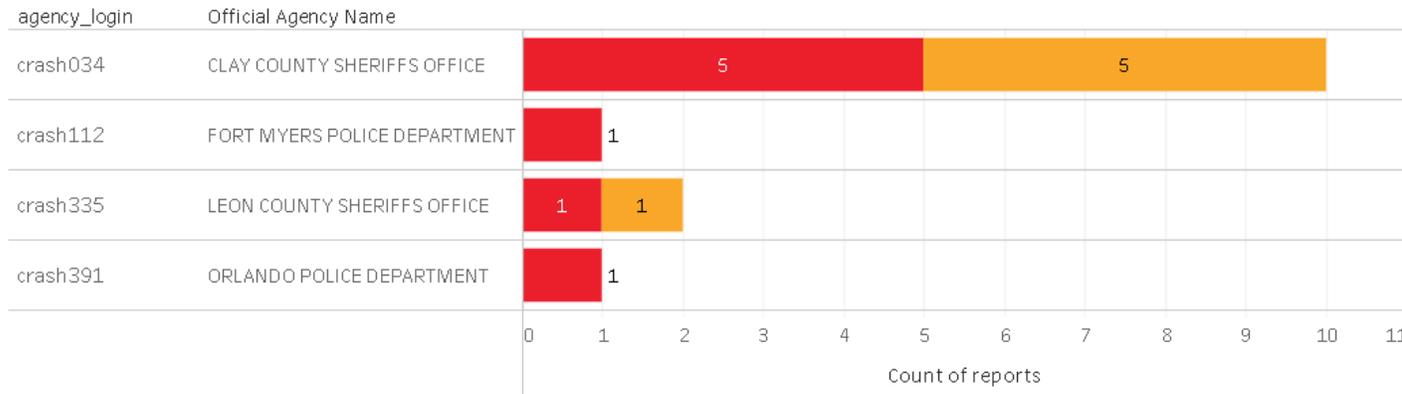
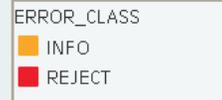
Unresolved errored reports that still need to be submitted  
Last 14 Days

Corrected Vendor  
TRACS

Date Range  
14

### Error Count by Agency

The total number of Errors per Agency  
TRACS  
Last 14 Days from [June 25, 2025](#)



### Reconciliation Chart

The total number of reports that have yet to be resolved.  
TRACS  
Last 14 Days from [June 25, 2025](#)

Error Resol..	agency_login	Official Agency Name	Day of Today
Unresolved Error	crash034	CLAY COUNTY SHERIFFS OFFICE	5

Vendor: All Quarters: Q1	<h3>Success</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Q1</th> </tr> <tr> <th>January</th> <th>February</th> <th>March</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">58,277</td> <td style="text-align: center;">55,665</td> <td style="text-align: center;">63,464</td> <td style="text-align: center;">174,893</td> </tr> </tbody> </table>	Q1				January	February	March	Total	58,277	55,665	63,464	174,893	<h3>Error</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Q1</th> </tr> <tr> <th>Janua..</th> <th>Febru..</th> <th>March</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">494</td> <td style="text-align: center;">493</td> <td style="text-align: center;">316</td> <td style="text-align: center;">1,274</td> </tr> </tbody> </table>	Q1				Janua..	Febru..	March	Total	494	493	316	1,274	<h3>Timeliness (in Days)</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">Q1</th> </tr> <tr> <th>January</th> <th>February</th> <th>March</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">21</td> <td style="text-align: center;">18</td> <td style="text-align: center;">23</td> <td style="text-align: center;">21</td> </tr> </tbody> </table>	Q1				January	February	March	Total	21	18	23	21	<h3># of Agencies Submitting</h3> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Q1</th> </tr> <tr> <th>January</th> <th>February</th> <th>March</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">274</td> <td style="text-align: center;">275</td> <td style="text-align: center;">276</td> </tr> </tbody> </table>	Q1			January	February	March	274	275	276
Q1																																																	
January	February	March	Total																																														
58,277	55,665	63,464	174,893																																														
Q1																																																	
Janua..	Febru..	March	Total																																														
494	493	316	1,274																																														
Q1																																																	
January	February	March	Total																																														
21	18	23	21																																														
Q1																																																	
January	February	March																																															
274	275	276																																															

Corrected Vendor

(All) ▼

Quarter of LOAD\_DATE

Q1 ▼

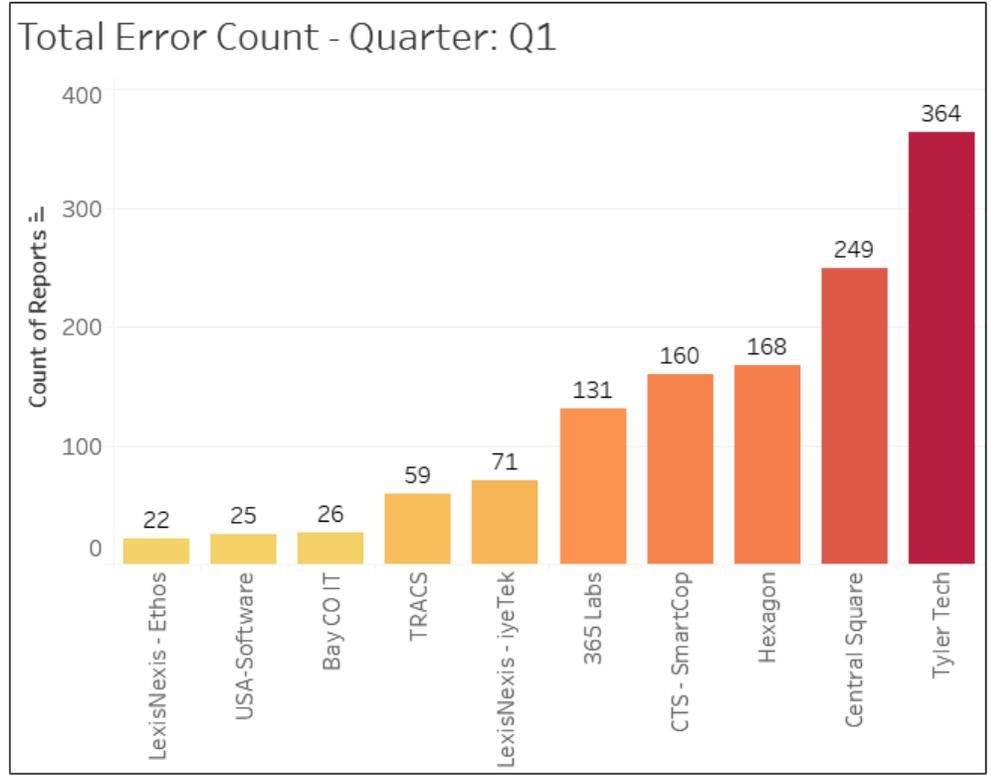
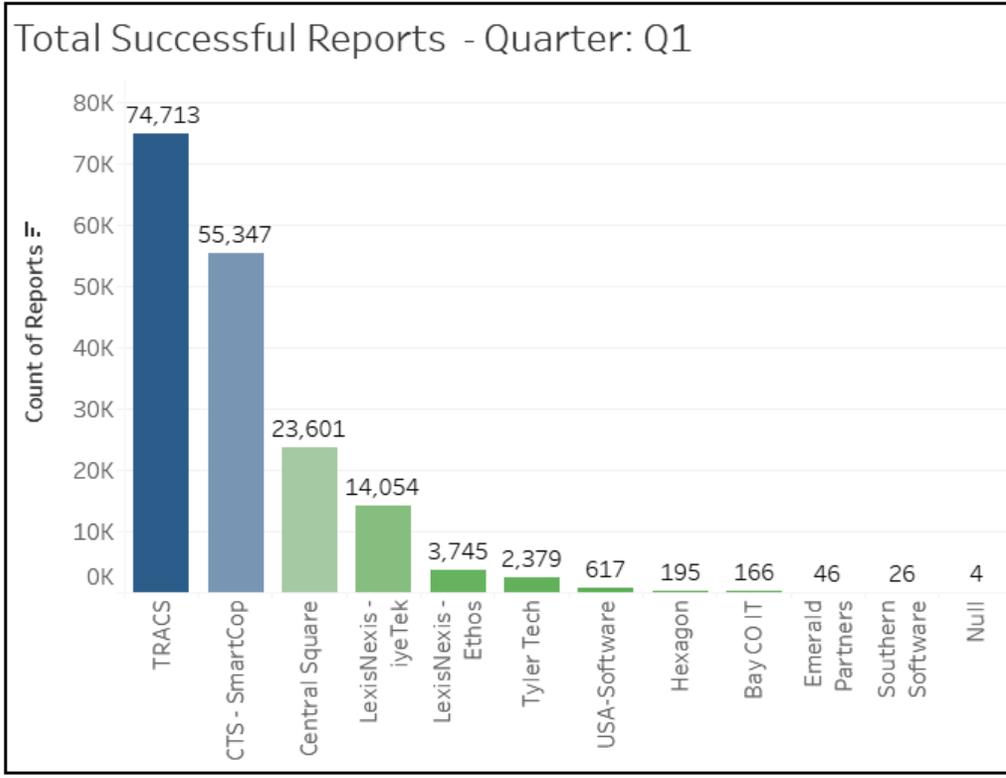
Month of LOAD\_DATE

(All)

January

February

March



## Objective 1- Crash

Create a work plan to improve the accessibility of the Accuracy, Completeness, and Timeliness (ACT) Report.

**Status:** BA & OPS Management Analyst continue to meet and draft a business requirement document consisting of the following:

- “As-is” state of ACT Report generation process to include system workflows, data sources, tools and manual steps
- Identified method to reduce manual effort to generate / distribute ACT report
- Measure data integration consistency by incorporating vehicle and driver data performance measures
- Defined data validation process – vehicle, driver, and crash tables
- “Future” state to improve accessibility of ACT Report

## Objective 2- Crash

Implement  
enhancements to the  
ACT Report to  
improve  
accessibility

### Status:

Working towards defining method to link & integrate ACT report (post-data check) to the Weekly Error Report (pre-data check)

Benefits for this direction:

- 1) Improves accessibility
- 2) Reduces FLHSMV staff resources
- 3) Puts responsibility back on the vendor
- 4) Allows the vendor insight into “their software score”
- 5) Provides vendor direction in potential software trainings or software resolutions to implement
- 6) Controlled permissions are in place (vendor only sees their LEAs/crash ID)

## Objective 3- Crash

Expand the ACT reports to include vehicle and driver accuracy and completeness measures

**Status Update (vehicle):** BA and OPS Management Analyst have:

- 1) Identified vehicle tables in the Analytical WH to build query/script to embed in ACT Report
- 2) Drafted performance measures for Crash data VIN comparison to MV Registration and Title data

- *Completeness:* If there is a vehicle involved in the crash, and not a hit and run, does data contain VIN?
- *Accuracy:* Is the VIN used in the Car a valid FL car with valid registration?
- *Integration:* Does the Registration expiration date reported on the crash data match MV Registration data?

**Next steps (vehicle):** Build query/script to include in ACT Report

## Objective 3- Crash

Expand the ACT reports to include vehicle and driver accuracy and completeness measures

**Next Steps (driver):** BA and OPS Management Analyst will continue research to map driver tables

- DL issuance occurs in ORION but need to determine:
  - 1) how are these linked to FCIC Interface
  - 2) linkage to Analytical WH tables
- Identify performance measures
- Build scripts/query to include in ACT Report

# UTC Objective

## State-to-State (S2S) Verification Service

---

The S2S Verification Service is a means for states to electronically communicate.

**S2S satisfies these key business requirements:**

- limits a person to one Driving Record
- enables a state to determine whether a person holds a Driving Record in another state
- enables a state to send a request to another state to surrender or invalidate a DL/ID
- limits a person to one REAL ID credential (either a DL or an ID) by enabling a state to determine whether a person holds a REAL ID credential in another state

## Objective 4- UTC

Identify and resolve duplicate credentials to improve uniformity of driver history data.

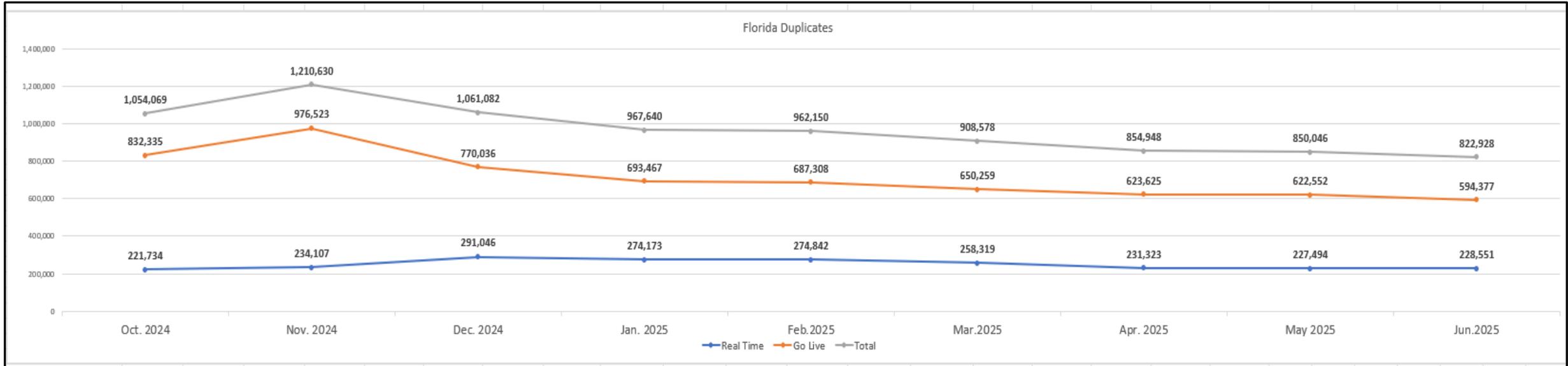
### Resolved Duplicates

Quarter / Month	Total Duplicates Resolved
Q1: Oct 2024	9,021
Q1: Nov 2024	6,600
Q1: Dec 2024	6,833
Q2: Jan 2025	6,138
Q2: Feb 2025	3,767
Q2: March 2025	3,982
Q3: April 2025	4,187
Q3: May 2025	5,798
<b>Grand Total</b>	<b>46,326</b>

**Duplicates are identified:**  
At the time of an original issuance of a FL credential **or**

Due to an existing “active or already issued” credential from another state identified when a state onboards to S2S

# Duplicate Stats: Oct. 2024- June 19, 2025



**Go Live (orange): FL + new states onboarding = 594,377**

**Real Time (blue): present customer DL issuance = 228,551**

**Grant Total as of 6/19/25 (gray) = 822,928**



**"FLORIDA"**  
**ARRIVE ALIVE**  
**"BUCKLE UP"**



# FFY 2025 Crash & UTC Data Improvement Grant





# ***DRIVER AND VEHICLE DATA QUALITY IMPROVEMENT***

*Florida Department of Highway Safety and Motor Vehicles*



# ***FIELD DATA COLLECTION FOR NATIONAL EMERGENCY MEDICAL SERVICES INFORMATION SYSTEM (NEMSIS)***

*Florida Department of Health*

# Department of Health

## Traffic Records Coordinating Council Project Update

### EMS Field Data Collection



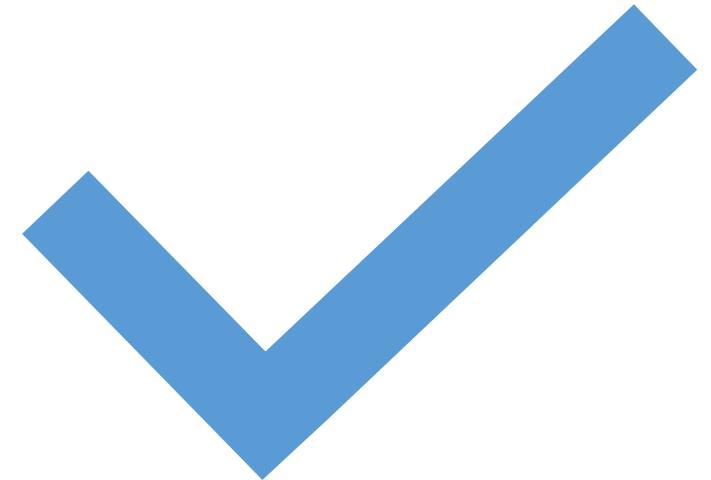
June 27, 2025

# EMS Field Data Collection



**FY 24/25**

## **Review of Grant Objectives & Status**



**Luis Dominguez**  
Project Director

Brenda Clotfelter  
Project Manager

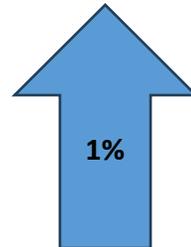
# FY 24/25 Objectives



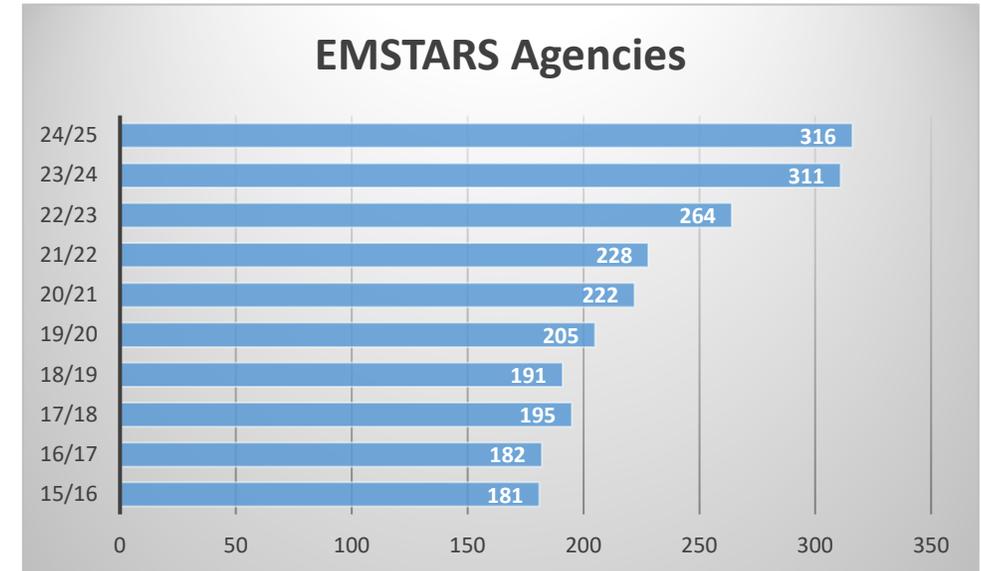
## Completeness

**Increase % of EMS agencies submitting to state incident level repository to 99% by September 30, 2025**

**93%**



1%



**339 Total Licensed Agencies**  
**316 Agencies in EMSTAR –**  
includes 11 subagencies  
**1 Pending**  
**34 Aggregate**

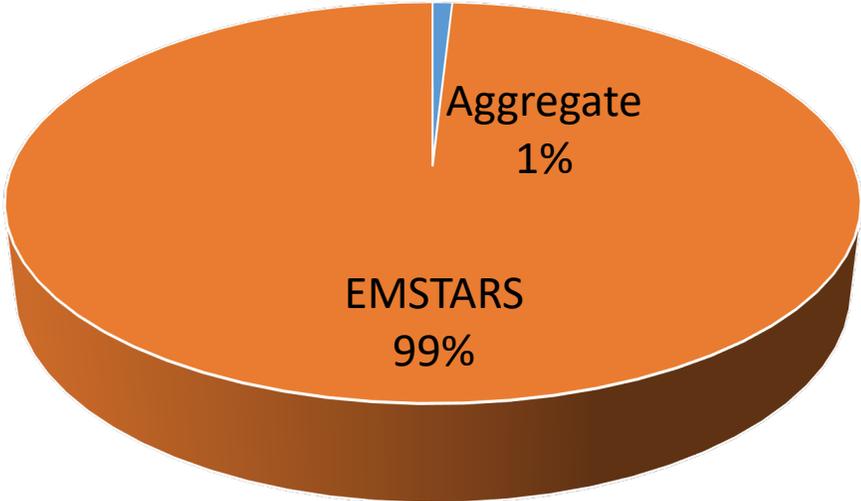
# FY 24/25 Objectives



## Completeness

Increase % of EMS emergency run reports submissions to the state repository to 100% by September 30, 2025.

**99%**



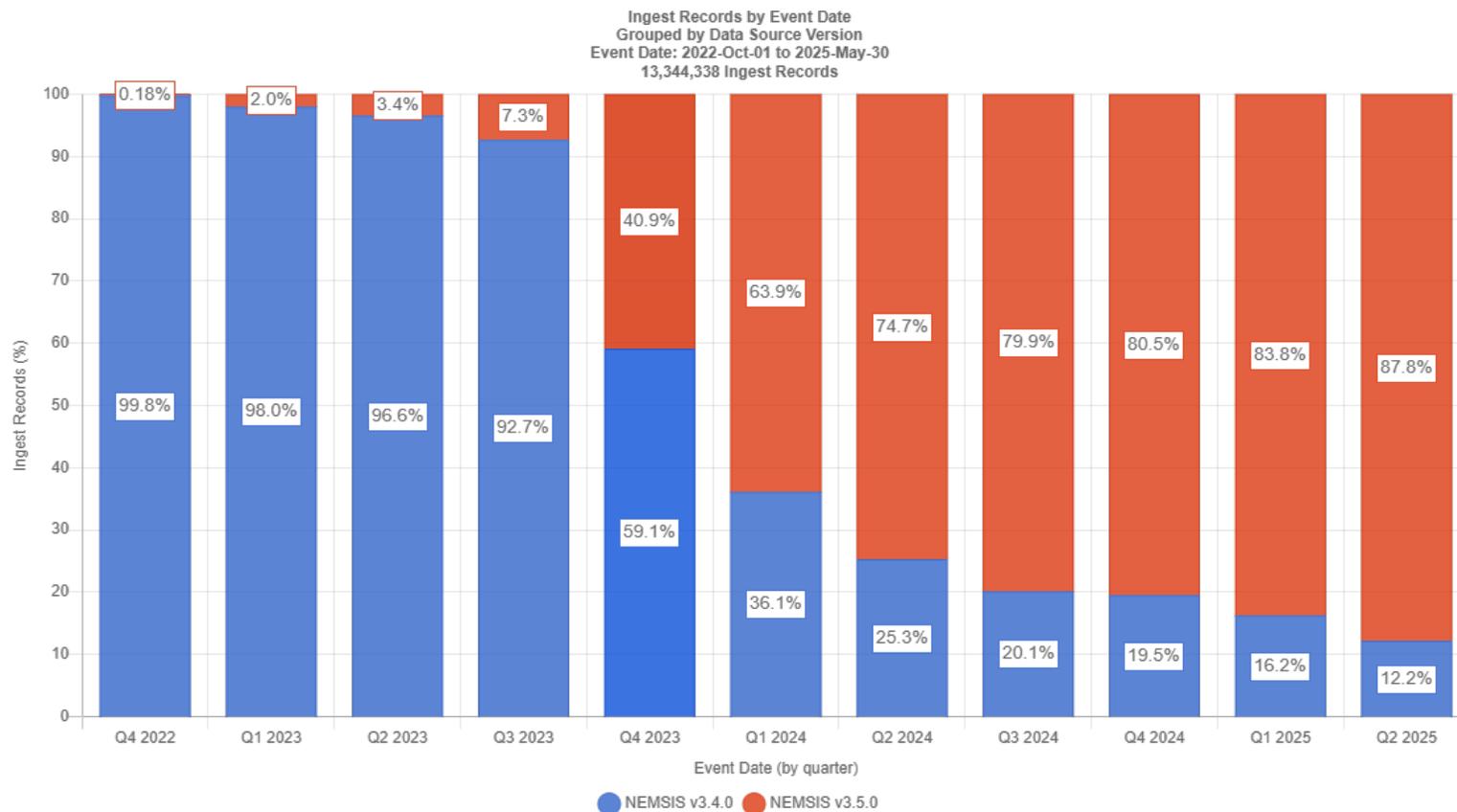
	2023	2024	2025
EMSTARS/biospatial	4994653	5145771	2436401
Aggregate	11627	79526	17050
Totals	5110880	522529	245351
%EMSTARS	97.73%	98.48%	99.31%

# FY 24/25 Objectives



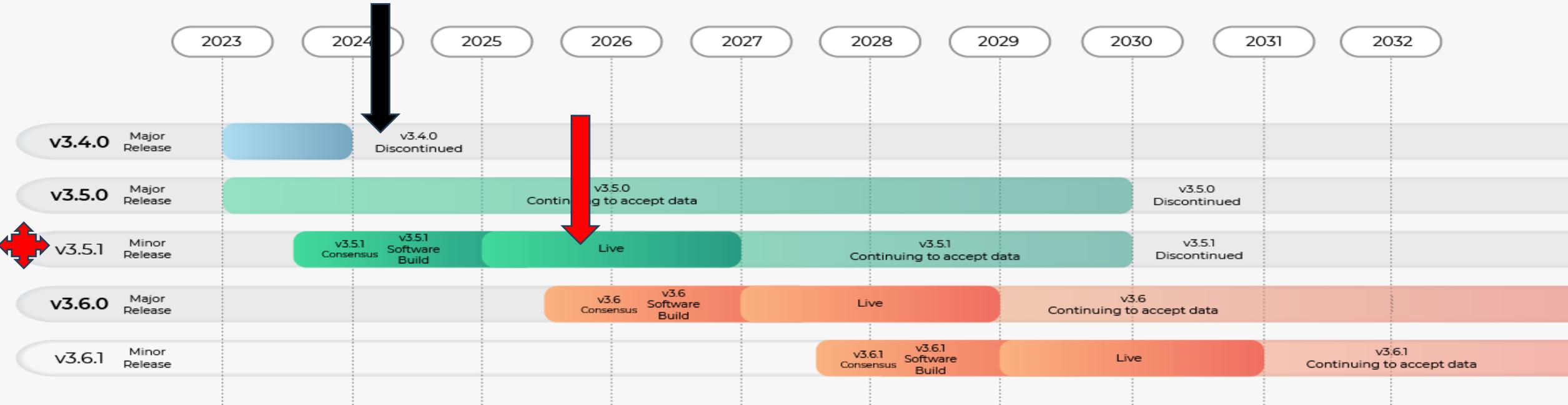
**Uniformity**  
Increase % of EMS  
emergency run  
reports submitted in  
compliance with  
**NEMESIS Version 3.5**  
to 100% by  
September 30, 2025

 **4.4%** **87.8%**





## EMS Data Standard Versioning 10-Year Project Plan



### Legend

- Consensus:** Stakeholders review and reach agreement on revisions.
- Software Build:** Software developers create and release tools for the new version.
- Live:** Version is complete, software is available, and data can be submitted to the TAC.
- Continuing to accept data:** Records in this version are accepted by the TAC.
- Discontinued:** Records in this version are no longer accepted by the TAC.

January 2023, supersedes previous drafts. Calendaring represents approximate start/end dates and should not be construed to represent a set schedule. Actual schedules will be developed as milestones approach. Last Updated: April, 2024

### Type of Release

- Informational Release:** Includes corrections to the dictionary (e.g., typos, comments, update links). The release is “backwards compatible” (e.g., ePCR record generated in v3.5.0 is valid in v3.5.1).
- Minor Release:** Includes changes that are more permissive to the data standard (e.g., new optional elements or changing an error to a warning). The release is “backwards compatible”.
- Major Release:** Includes changes that may be more restrictive (e.g., upgrading an element from state or optional to national). This release is NOT “backwards compatible” to the previous version.
- Critical Patch:** Corrects security or functionality that seriously compromises the daily function of the standard. Released as needed.

# FY 24/25 Objectives



## Uniformity/Accuracy

**Publish an update to the Florida Data Dictionary with business rules for NEMESIS 3.5.1 by September 30, 2025.**

- ✓ **Completed Monthly updates to State Data Set – October and March**
- ✓ **Completed Quarterly Business Rules Review**
- ✓ **Completed Business Rule Schematron Update – October and March**
- ✓ **Completed review of new V3.5.1 elements – December**
- ✓ **Completed review/impact of implementation of Presidential Executive Orders**
- ✓ **Continued review of NEMESIS/MIH elements**
- ✓ **Remaining V3.5.1 changes under review – Revised target 10/25**

# Florida's V3.5.1 Timeframe



- **Data Committee must finalize the V3.5.1 Data Dictionary for EMSAC approval by October meeting.**
- **Florida could begin receiving V3.5.1 submissions by 4<sup>th</sup> qtr 2025. (exact date TBD)**
- **Florida will continue to accept V3.5**
- **Florida agencies submitting V3.4 should migrate asap to the current version by 4<sup>th</sup> qtr 2025**

# FY 24/25 Objectives



## Completeness

**Participate in NEMESIS Technical Advisory Conference and NASEMSO annual meetings to finalize the implementation strategy.**

- ✓ **Participated in NEMESIS Technical advisory calls – biweekly**
- ✓ **Participated in NASEMSO calls – monthly or as scheduled**
- ✓ **NEMESIS Technical advisory Conference – remote attendance planned – no budget, will attend virtually if made available**

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

- ✓ **EMSAC Data Committee**
  - 10/29/24 – completed**
  - 12/12/24 – completed**
  - 01/08/25 – completed**
  - 04/18/25 - completed**
  - 06/11/25 - completed**
- 3 Additional meetings planned, July & Aug**

# FY 24/25 OBJECTIVES



## Accuracy

Monitor and report (quarterly) on a minimum of three data quality measures in addition to the NEMESIS data quality measures by September 30, 2025 (Measure data quality around 3 state Clinical performance measures).

### Overall NEMESIS Data Quality

**90%**

- *Patient Information* 97% +1
- *Cardiac Arrest* 89%
- *Valid System Times* 98%
- *Injury Information* **78%**
- *Clinical Times Recorded* **78%** -2
- *Other incident Information* 97% +1

# FY 24/25 OBJECTIVES

## EMS Clinical Performance Measures

### Accuracy

Monitor and report (quarterly) on a minimum of three data quality measures in addition to the NEMESIS data quality measures by September 30, 2025 (Measure data quality around 3 state Clinical performance measures).

***Implementation of Warnings Dashboard** - A tool designed to provide Regional Coordinators with additional insight into EMS warning messages to help us identify recurring issues, improve data quality, and enhance operational efficiency.*

#### Dashboard Overview:

This tool provides visibility into **warnings received in EMS ePCR reports**, allowing users to analyze data across key dimensions:

- **Region**
- **Area –rural or urban**
- **Agency**
- **Software Company.**
- **Type of Rule**
- **Month**

**⚡ Public Dashboard Release** – A similar version published on the EMSTARS webpage, showing data **by region (RDSTF) excluding agency details.**

[EMS Data Quality – Warning Messages Dashboard](#)

# EMS Clinical Performance Measures

[EMS Data Quality – Warning Messages Dashboard](#)

Definitions for the Dashboard

**Warnings:** A warning consists of a code and message that indicate a data rule violation, meaning some required information is missing in an ePCR record.

**Types of Rules:** Warnings are generated based on either Florida Rules or NEMSIS Rules (National Emergency Medical Services Information System). Both sets of rules apply to Florida's Data Dictionary.

**Interpretation:** Warning messages identify the data dictionary element that needs correction. Florida Warning Messages also include the affected element's code.

**Note:** A single ePCR record may contain multiple warnings.

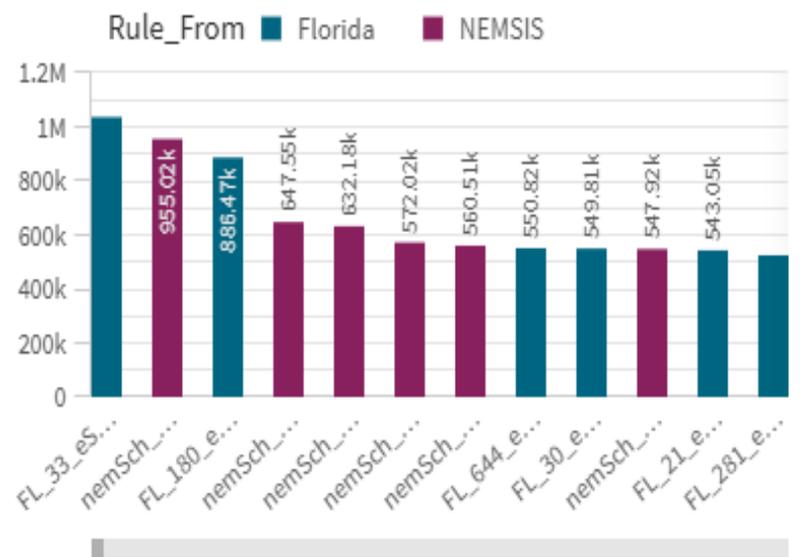
**Number of Records per Warnings per Month**



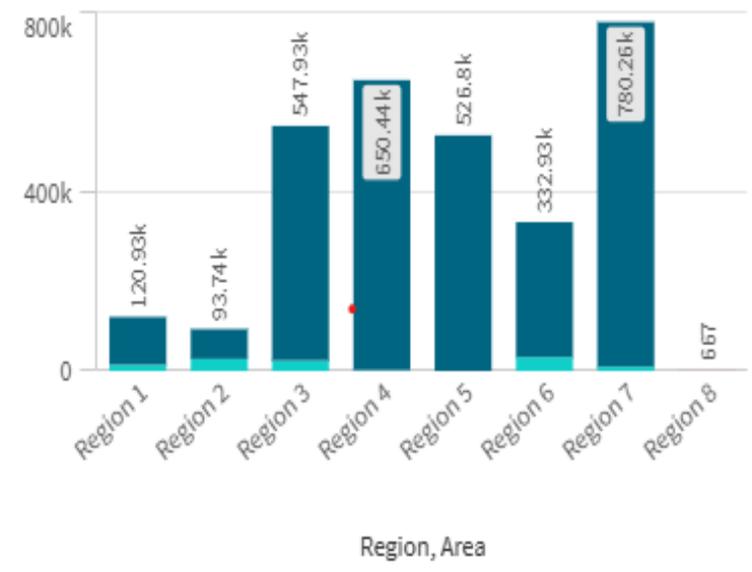
**Number of Records per Warning**

Warning_Code	Warning_Message
Totals	
FL_33_eScene.01	First EMS Unit on Scene (eScene.01) cannot equal when Unit Arrived on Scene (eTimes.06) has a da
nemSch_e187	Level of Care Provided per Protocol should be rec value other than "No Care Provided") when Patie Evaluation/Care is "Patient Evaluated and Care P
FL_180_eSituation.01	Date/Time of Symptom Onset/Last Normal (eSitu cannot equal a NOT Value when Primary Symptom (eSituation.09) has a value other than a NOT VALL
nemSch_e187	Primary Method of Payment should be provided

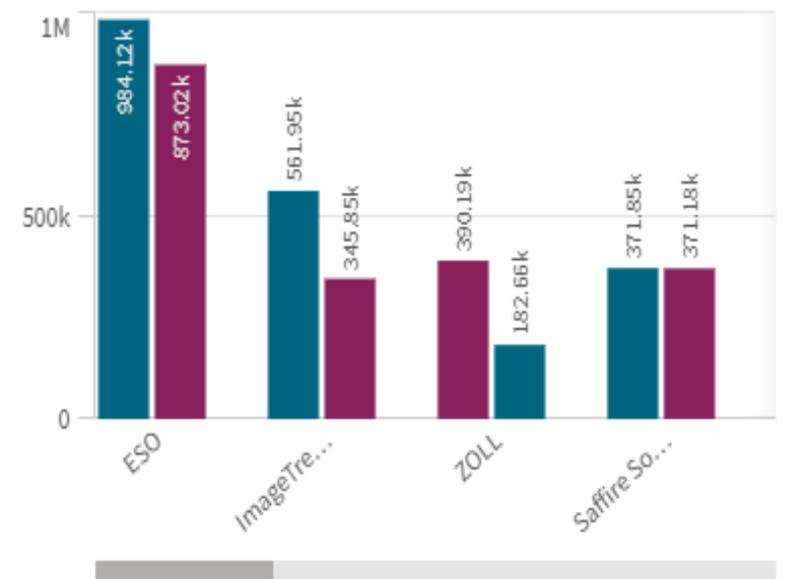
**Number of Records per Warning and Type of Rule**



**Number of Warnings per Region**



**Number of Warnings per Software and Type of Rule**



# FY 24/25 OBJECTIVES

## DATA QUALITY SCORE

### Dashboard

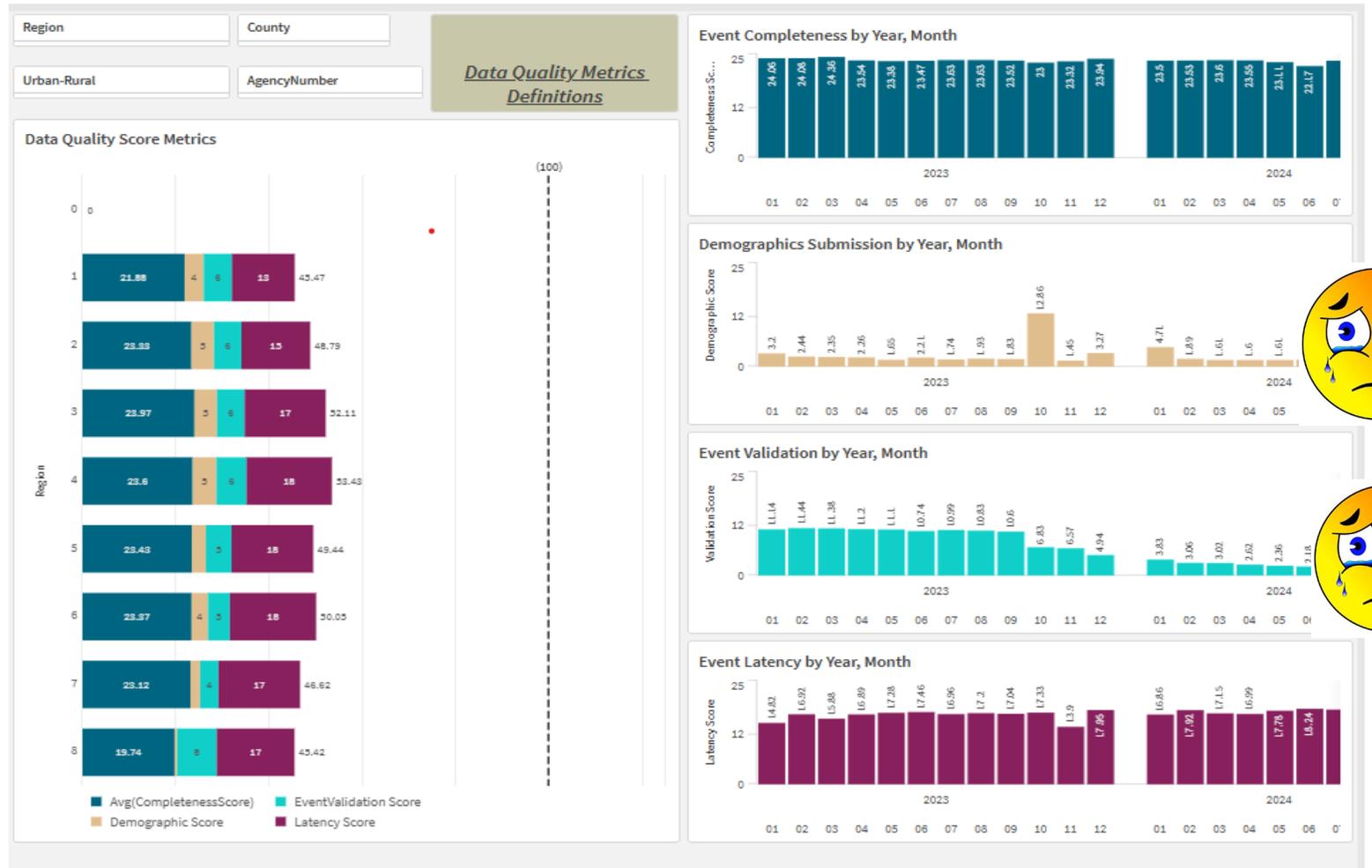
COMPLETENESS

TIMELINESS

TIMELINESS

ACCURACY

Data Quality Scores provided Monthly to Regional Coordinators for review with Agencies as needed



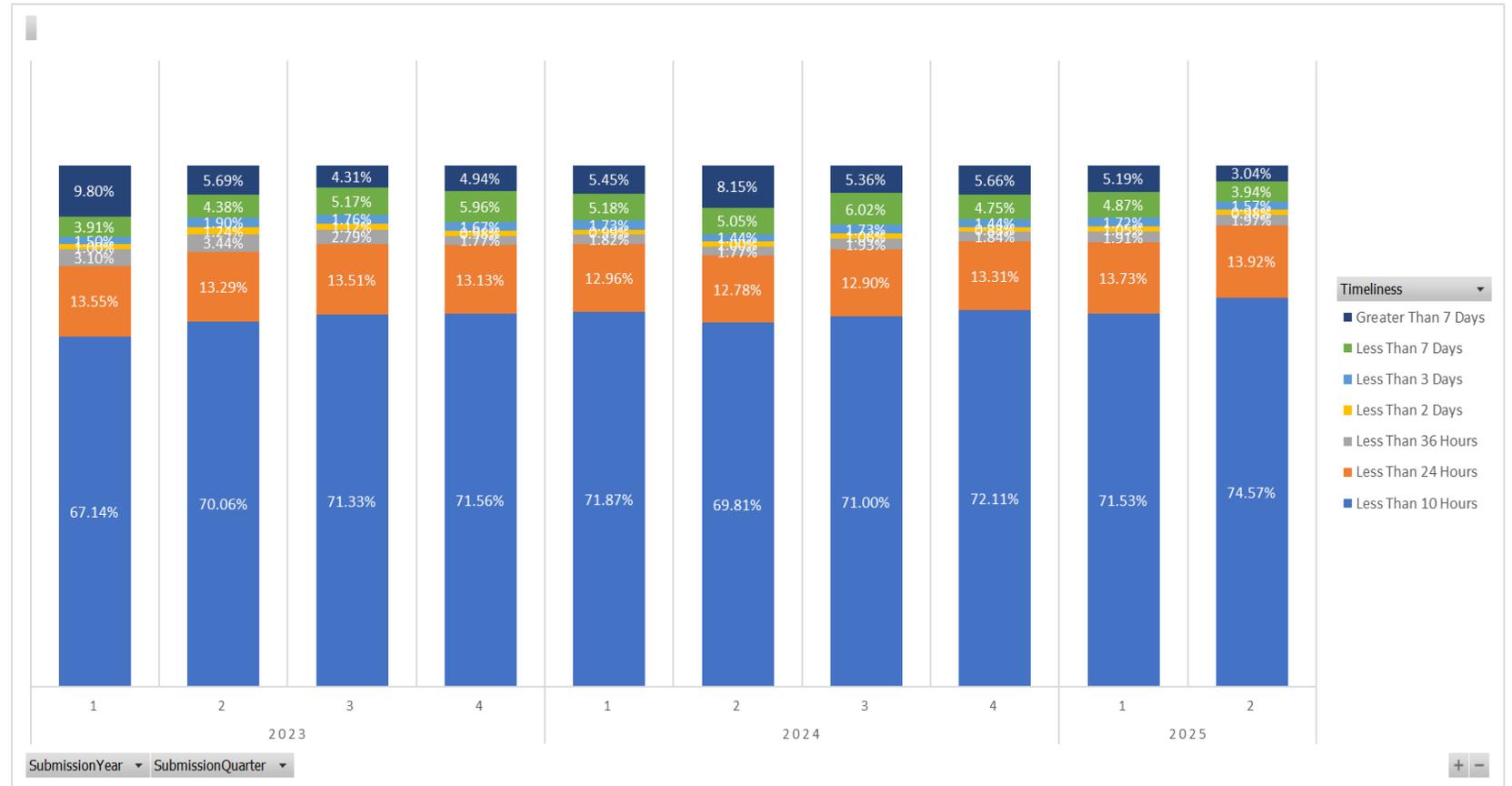
# FY 24/25 OBJECTIVES



## Timeliness

Increase % of V3 EMS emergency run reports received within 10 hours of the run to 97% by September 30, 2025

74.57%  
 .57% increase 



88% within 24Hr

# FY 24/25 Objectives



## Timeliness

Increase % of agency Demographic records resubmissions received every 30 days to 60% by September 30, 2025

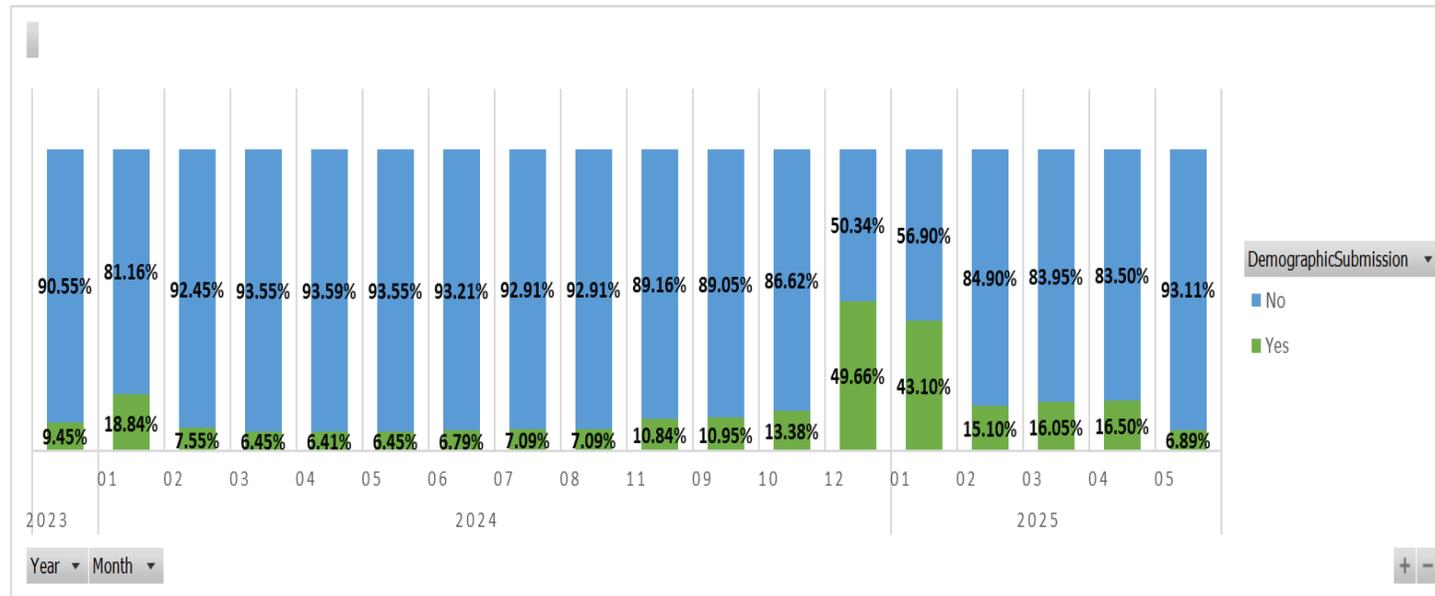
2/25 15.10%

3/25 16.05%

4/25 16.50%



5/25 6.8%



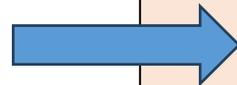
- ✓ Baseline – 8.92% as of 8/23
- ✓ Monitoring/Reporting on measurements – Move to 3.5 -10/23
- ✓ New submission policy 10/23

# FY 24/25 Objectives



## Integration

Link two additional data sources to the EMS state repository by September 30, 2025.



### Current integrations within Biospatial

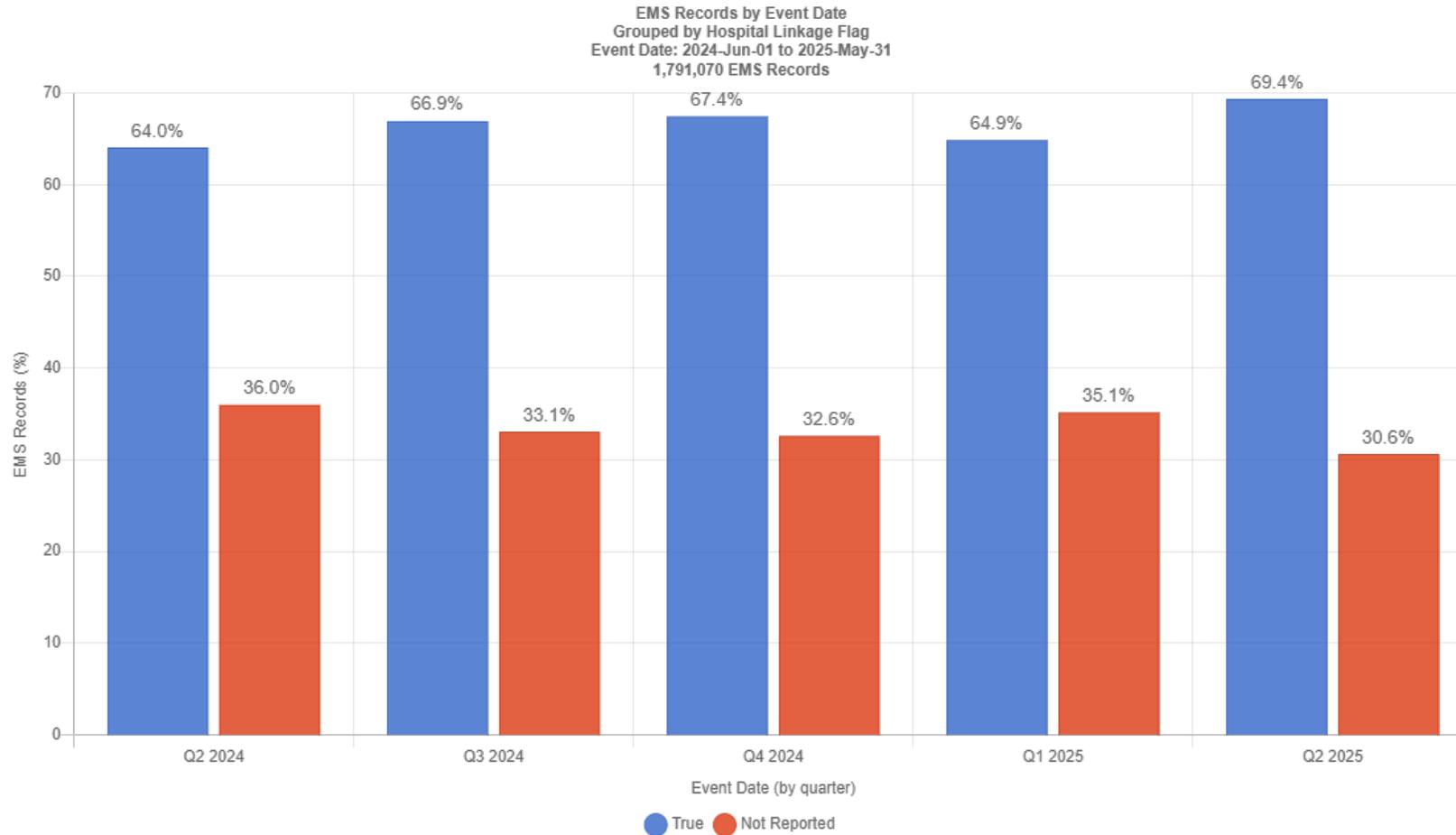
- Health Information Exchange
- Crash Records – *in progress*
- ESSENSE Integration
- Trauma Data (no formal linkage)
- Florida Stroke Registry in progress
  - ✓ Requirements – complete
  - ✓ Implementation – 10/23
    - ✓ Data Use Agreement executed
    - ✓ Export configuration completed
- Cardiac Registry (CARES) – April 2025 – **completed**
- **Potential to integrate with Signal Four**



# Florida HIE Linkage – 69%



## Integration

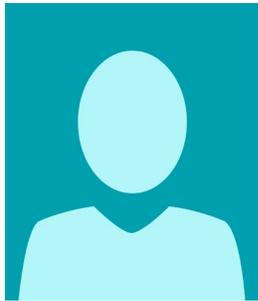


# Motor Vehicle Crash Dashboard

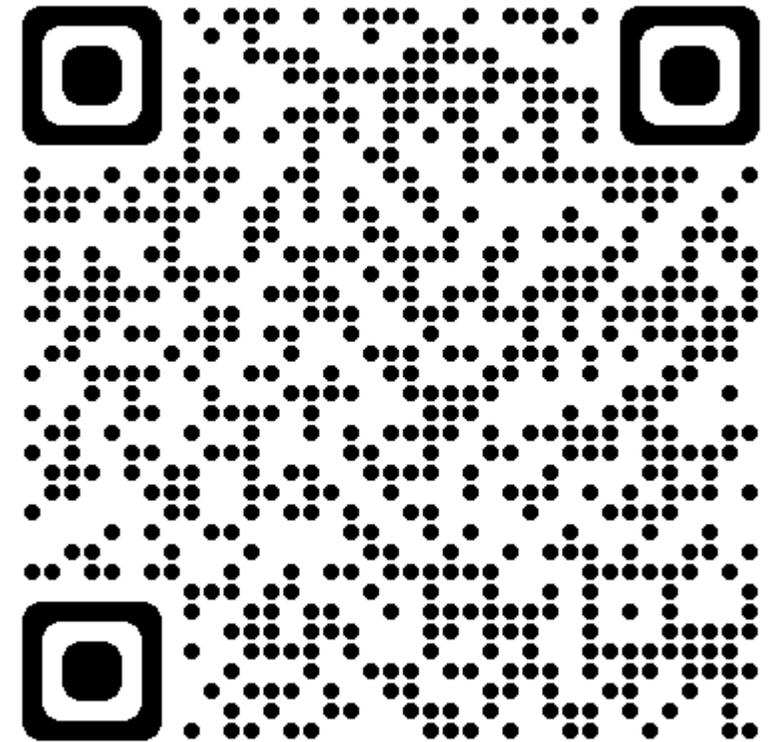
# EMS Field Data Collection



**We appreciate your continued support.**



Brenda Clotfelter  
Data Unit / Bureau of  
Emergency Medical Oversight  
727-424-4530  
[Brenda.clotfelter@flhealth.gov](mailto:Brenda.clotfelter@flhealth.gov)



[www.floridaemstars.com](http://www.floridaemstars.com)



# ***TRAFFIC AND CRIMINAL SOFTWARE (TRACS) SUPPORT & ENHANCEMENT, AND TRAINING***

*Florida State University*

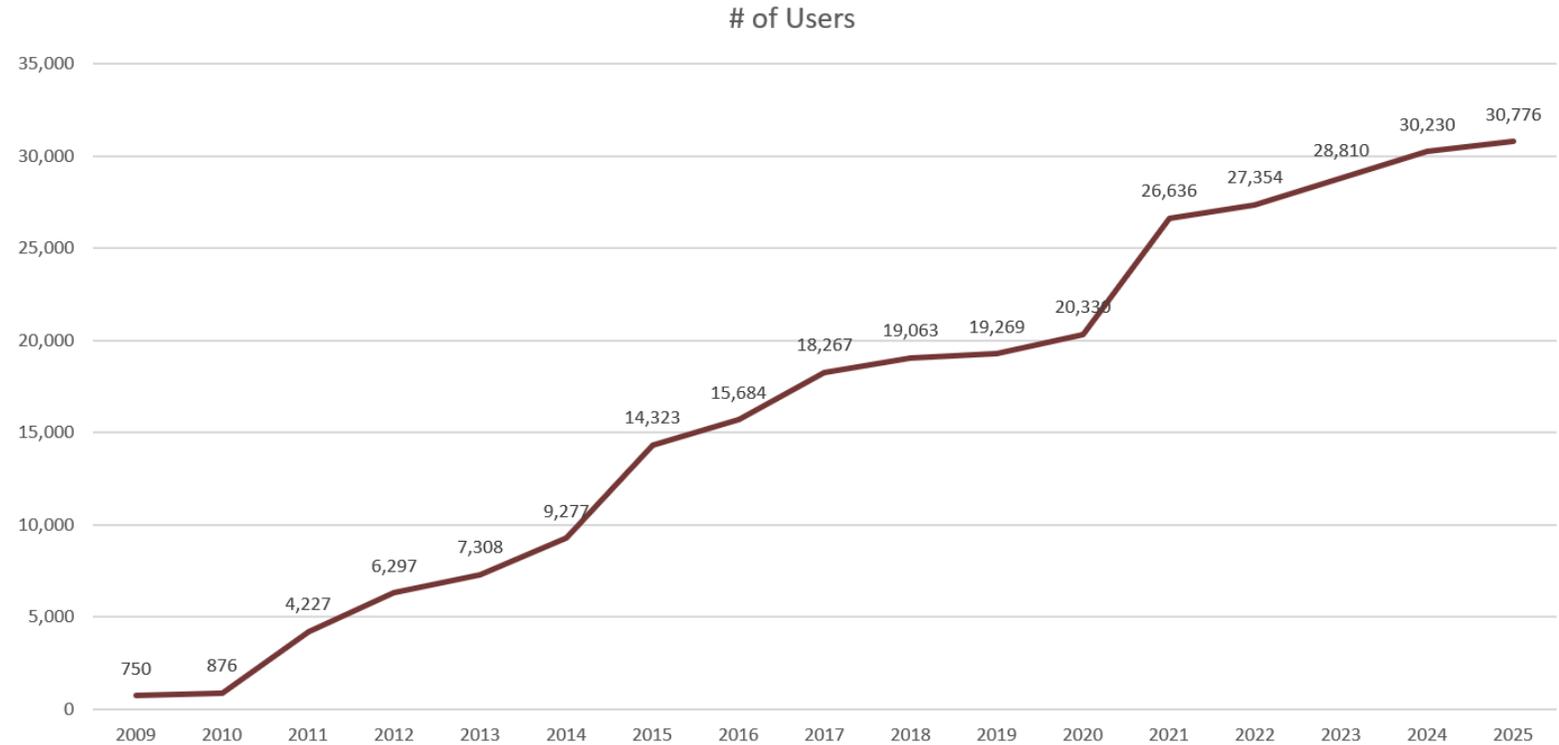
# Traffic and Criminal Software (TraCS)

June 27, 2025

# TraCS Growth - Users

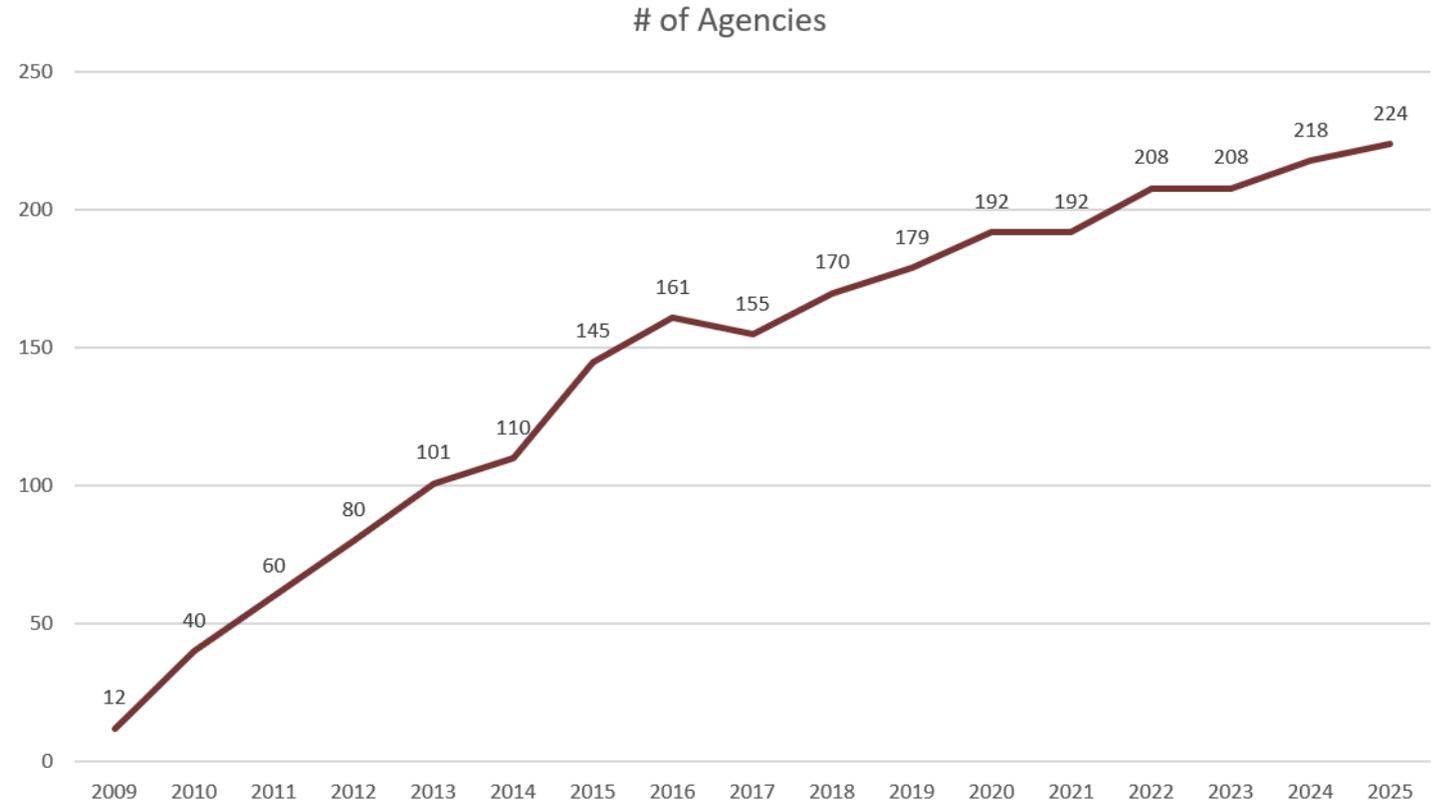
- Users

- 2008: 750
- 2025: 30,776



# TraCS Growth - Agencies

- Agencies
  - 2008: 12
  - 2024: 224



# Objective: Accuracy

- **FY24-25: 99.99% (Q2)**
- To maintain the low number of load errors for crash reports submitted electronically to FLHSMV using TraCS at less than one percent.



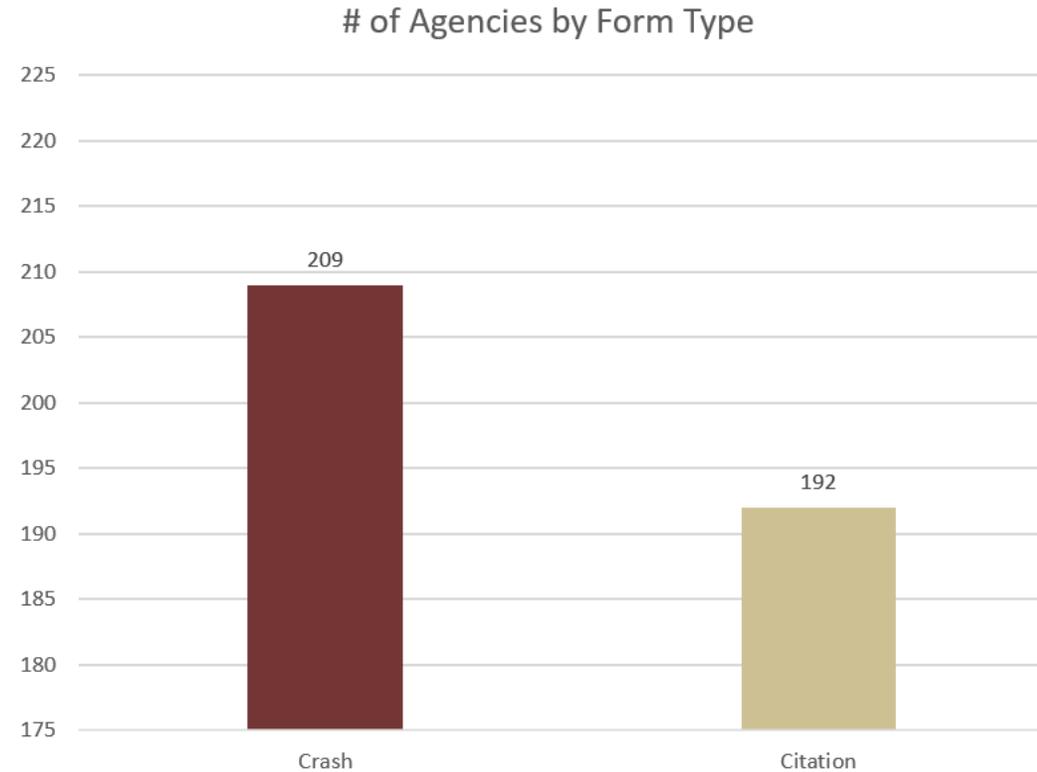
# Objective: Completeness

- **FY24-25: 45% (Q2)**
- To maintain or increase the total percentage of statewide **crash reports** submitted electronically by agencies using the TraCS Florida software.
  - **170,864** total submitted electronically between January 1<sup>st</sup> – March 31<sup>st</sup>, 2025. Of these, TraCS submitted **77,011**.



# Objective: Uniformity

- To improve uniformity in data collection methods.



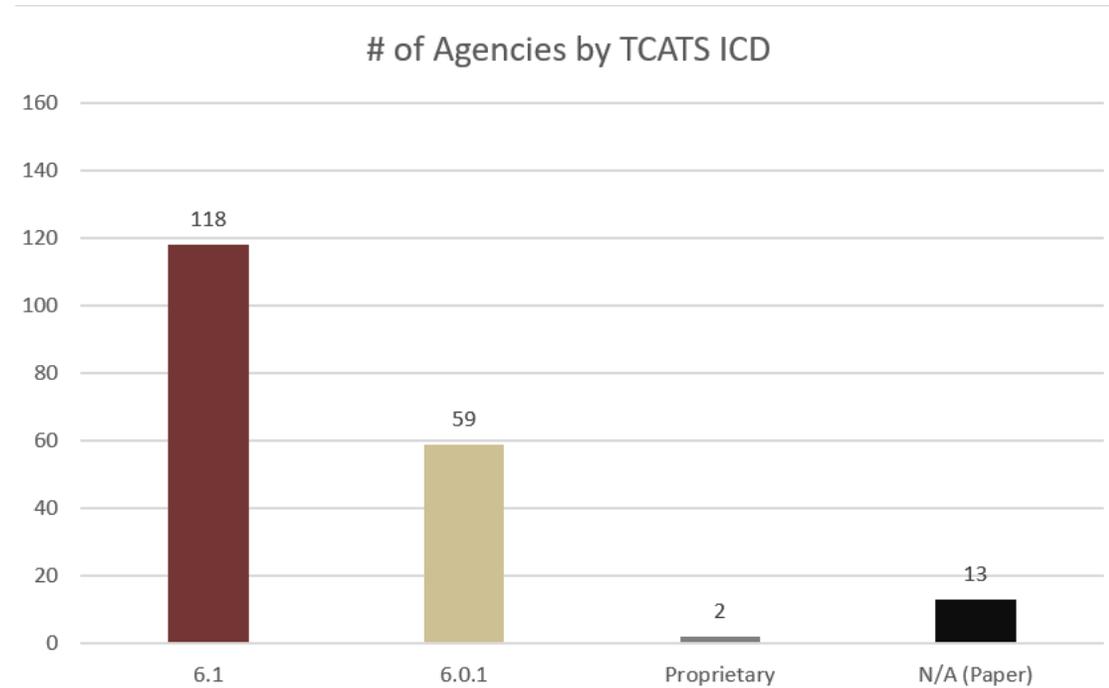
# eCrash Submission Updates

- Cape Coral PD went live 1/21
- Davie PD went live 2/25
- Northwest Florida State College PD went live 4/1
- Springfield PD went live 4/8
- Parker PD went live 5/27
- Key West PD went live 6/9



# Objective: Uniformity

- To improve uniformity in data collection methods.



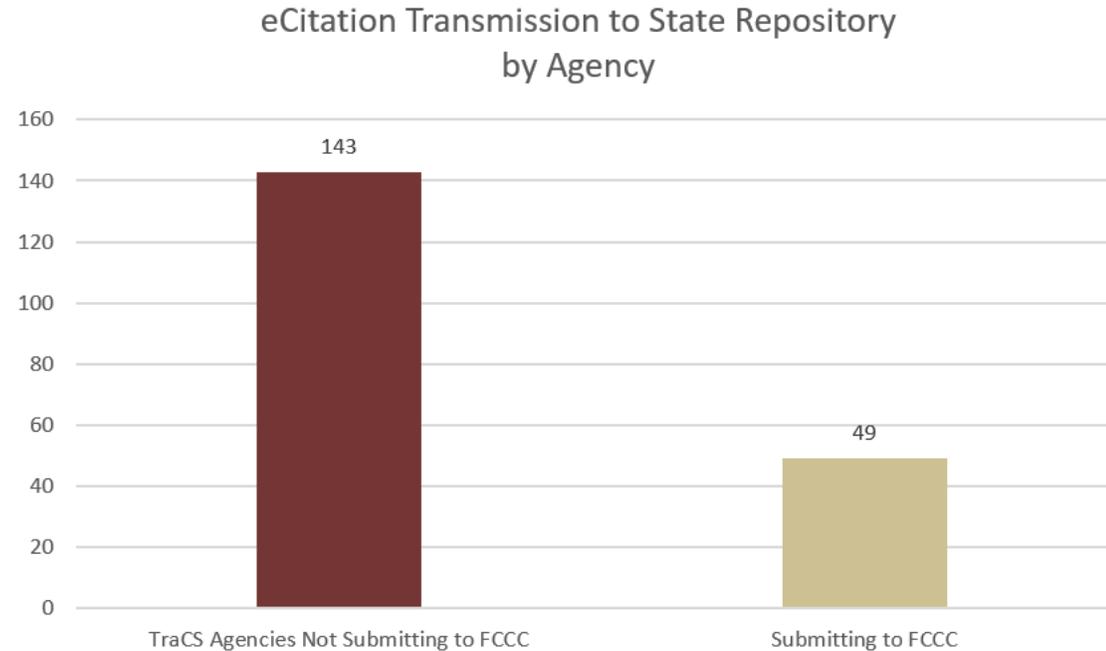
# eCitation Clerk Submission Updates

- Agencies are submitting paper in Broward & Escambia
- Plantation PD will likely be the first agency in Broward County to go live with eCitation using TraCS
- State attorney's offices are still delivering paper but now that they have the option to submit criminal this could change.
- All of Volusia County (13 agencies) submitting electronic citations and is no longer a "paper" county as of Q2
- Collier County is now taking Naples PD eCitation files in the 6.1 format. CCSO and Marco Island are still proprietary XML. They will submit to statewide repository soon.
- Cape Coral PD (Lee county), Key West PD (Monroe county), and Northwest Florida State College PD (Okaloosa county) went live submitting electronic citations to their clerk of court.



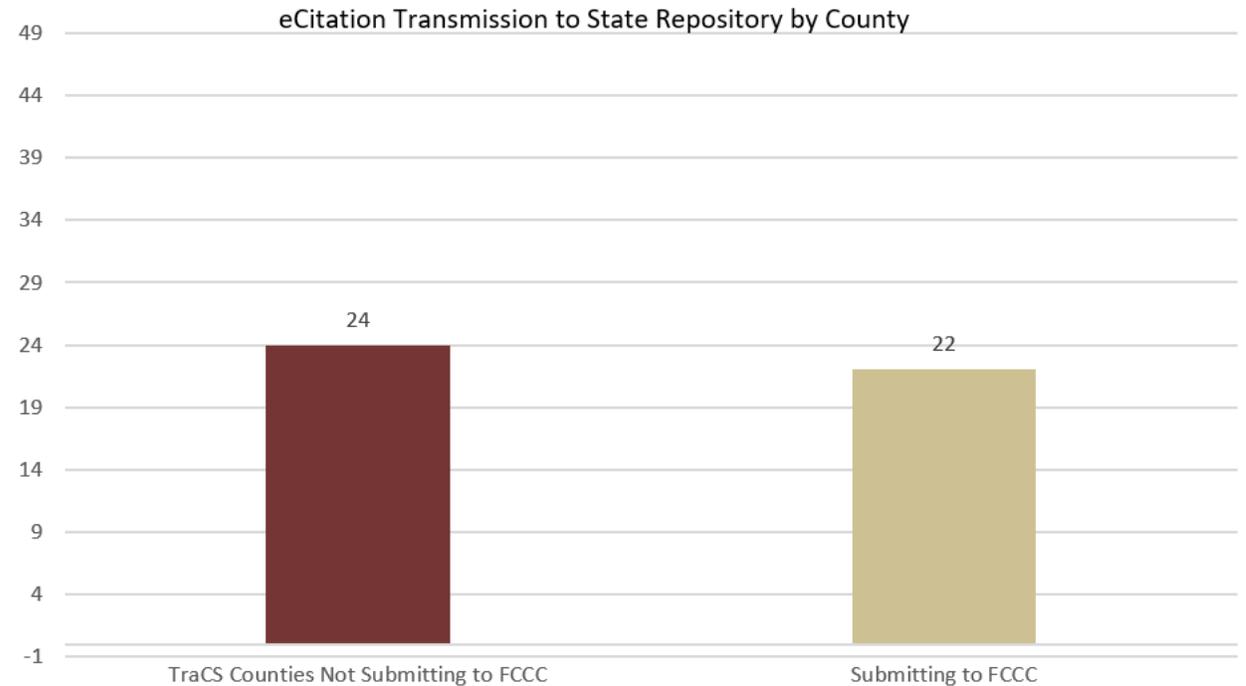
# Objective: Uniformity

- Submitting to the FCCC (state citation repository)



# Objective: Uniformity

- Agencies in 46 counties use TraCS for citations
- 22 of these counties submit citations directly to the FCCC
- 24 counties still receive citations from LEAs



# eCitation Central Repository Updates

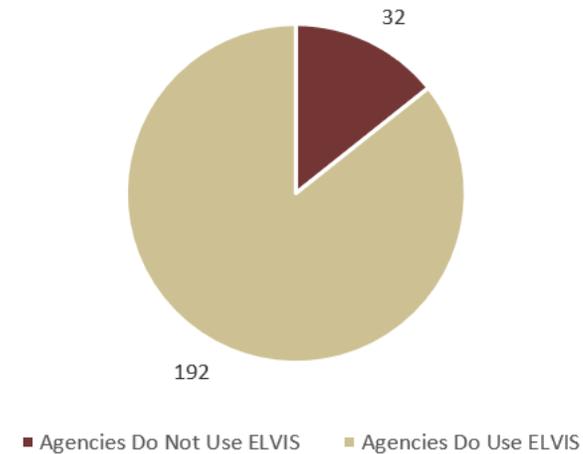
- Hillsborough county TraCS agencies (Tampa PD, Plant City PD, Tampa International Airport PD, Temple Terrace PD) to submit to the statewide repository possibly August now that they have the option to submit criminal.
- Martin county TraCS agencies (Martin County SO, Sewalls Point, Stuart PD, and Jupiter Island PD) went live submitting to the statewide repository Q3.
- Additional Bay county agencies (Parker PD, Bay District Schools, and Springfield) started submitting to the statewide repository Q3.



# Objective: Integration

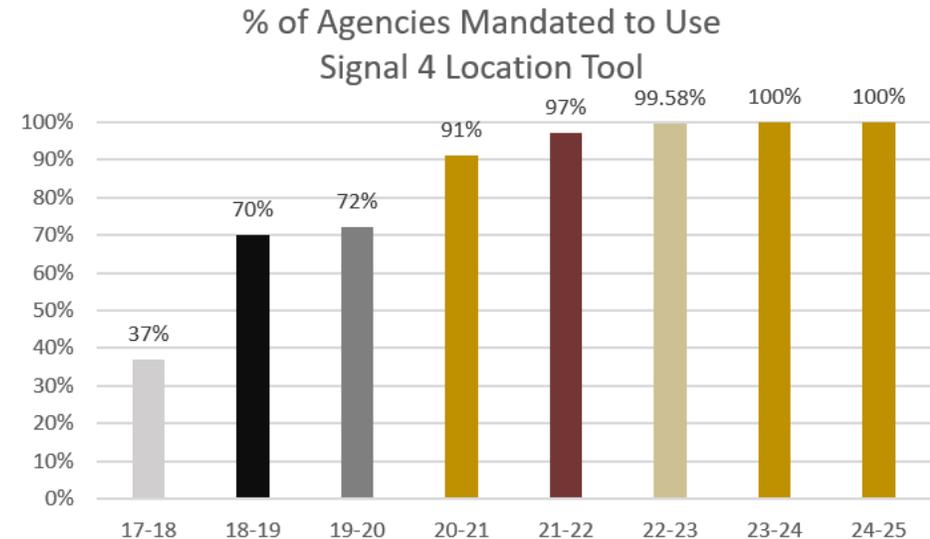
- To maintain the number of agencies using FCIC/NCIC interfaces.
  - All agencies use an FCIC/NCIC interface

TraCS-ELVIS Integration Use



# Objective: Integration

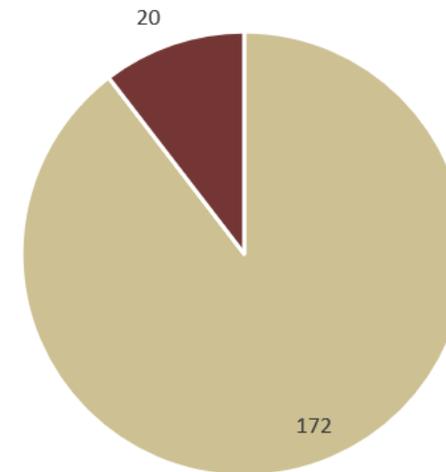
- To increase the number of TraCS agencies using a location tool to plot accidents on the crash form.
  - 15 agencies do not use our crash form
  - All agencies now have the mandate turned on.



# Objective: Integration

- To increase the number of TraCS agencies using a location tool on the citation form.

# of Agencies Mandated to Use Signal 4 Location Tool on Citations

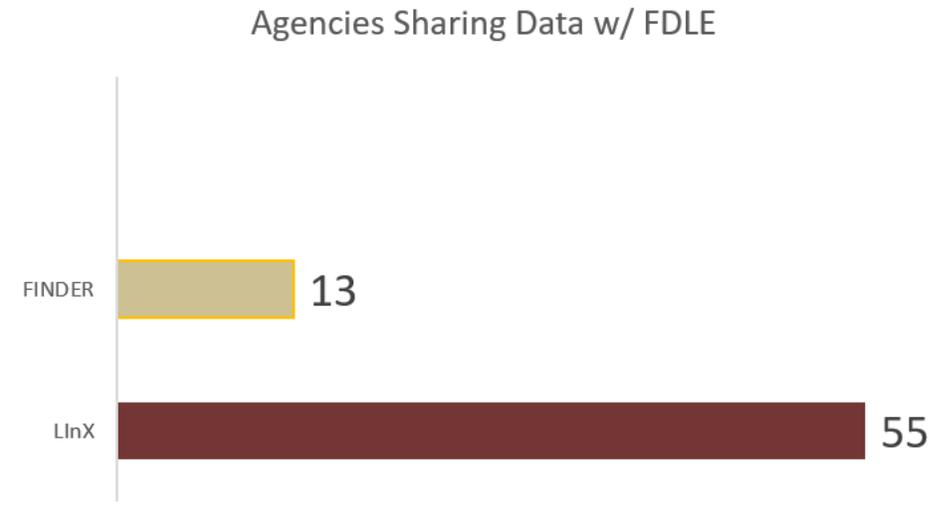


■ # of Agencies NOT Mandated ■ # of Agencies Mandated



# Objective: Integration

- Data sharing programs w/ FDLE



# Objective: Integration

- **To Date: 197 agencies** using the Signal 4 Diagram Tool
  - 94% of total agencies using crash use this tool for diagramming.



# Objective: Accessibility

- To maintain a primary data hosting site
  - Hosting data for 200 agencies
  - 24 still self-hosted

# Objective: Timeliness

- FY23-24 Q4: 8.89 days average
- 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 FLHSMV.



# Support: FY 24-25

- Support
  - Onboard new agencies
  - Continue support for existing agencies
  - Continue training new support person
  - Produce more YouTube training videos
  - Update Media Wiki page
  - Hold Webinars
  - Migrate citation transmission jobs to submit to the eCitation repository (FCCC)
  - Manage exports of data to respective repositories
  - Data site migration Q3 & Q4
    - Installing equipment, migrating data, executing contracts, executing MOUs



# Development: 24-25

- Development
  - Expedite any changes required by FLHSMV for crash and citation
    - Approved for new citation revision 5/2025 for Option 4 (increased to 8 elections in lifetime)
  - Continue to deploy Multi-Factor Authentication (MFA) with TraCS for end users: DUO, Microsoft Authenticator, Google Authenticator
  - Test IP filtering to block unwanted traffic directly through TraCS
  - Continue building an electronic signature interface for violators
  - Maintain/improve interfaces (location tool, diagram tool)
  - Maintain existing and develop new interfaces for FCIC/NCIC vendors
  - Maintain/improve web-based analysis reports (location tool usage, diagram tool usage)
  - Continue to provide patches and upgrades to the TraCS software
  - Go live in production w/ submitting arrest data to FDLE



# Thank you for your continued support!

Amy Pontillo

Systems Architect

[amyp@tracsflorida.org](mailto:amyp@tracsflorida.org)

850-509-2381



FAMU-FSU  
Engineering



# ***ELECTRONIC LICENSE AND VEHICLE INFORMATION SYSTEM (ELVIS)***

*Florida State University*

# ELVIS

Electronic License and Vehicle  
Information System

www.elvisflorida.org

## ELVIS TRCC UPDATE June 27, 2025

Better Data, Safer Roads.

OR [Tag Number] FL - Florida No CCW

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

Driver Summary



Full Name: GALINDO-CLINE ONE PAO LICENSE Status: VALID LICE

License Number: L-252-294-61-501-0 State: FL

Height: Race: Sex:

First Registered Owner

Full Name: LICENSE, GALINDO-CLINE ONE PAO

License Number: L252294615010 Sex: F Date of Birth: 01/01/1961



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
- Terryon Larkins, Support/Development

# April 2025 Statistics

---

## Current ELVIS Usage

- 294 Agencies (+4 agencies since April)
- 42,206 user accounts (+2,124 since September)
- 20,195,078 queries run this fiscal year
- Nearly 2.3M queries per month
  - Increase of ~170,000 queries per month over April numbers

# FY24-25

---

- **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 continues to be expanded and improved
  - TraCS
  - Axon
  - Mark43
  - LexisNexis
  - FINDER
  - Others

- **Security Features**

- Microsoft SSO and SAML Integration In Production
- Many agencies switching to SSO and Duo from Grid Cards
- SSO Integration allows for additional Two-Factor options like Microsoft Authenticator

- **Accessibility**

- New agencies continue to be brought on board
  - Bay Harbor Islands Police Department
  - Marco Island Police Department
  - Northwest Florida State College Police Department
- Added 4 new agencies since April meeting
- 2,124 new user accounts
- Increase of approx. 170,000 queries per month since last TRCC meeting
- Evaluating future hardware requirements based on continuing increase in usage and current limitations
- Average FY up-time is 99.83% averaged over the current fiscal year

- **Upcoming Changes**

- Adding additional two-factor security methods for CJIS
- Adding new training materials
- Attending FDLE CJIS Symposium in July
- Attending Traffic Safety Challenge Awards in July
- Hosting Annual User Forum in Tampa in August

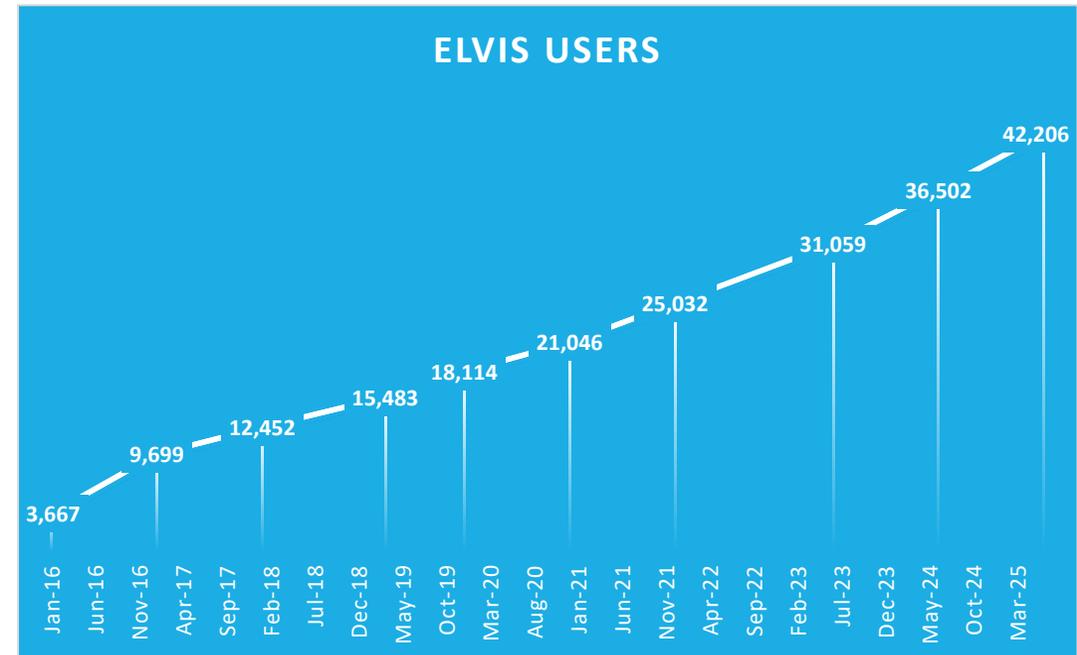
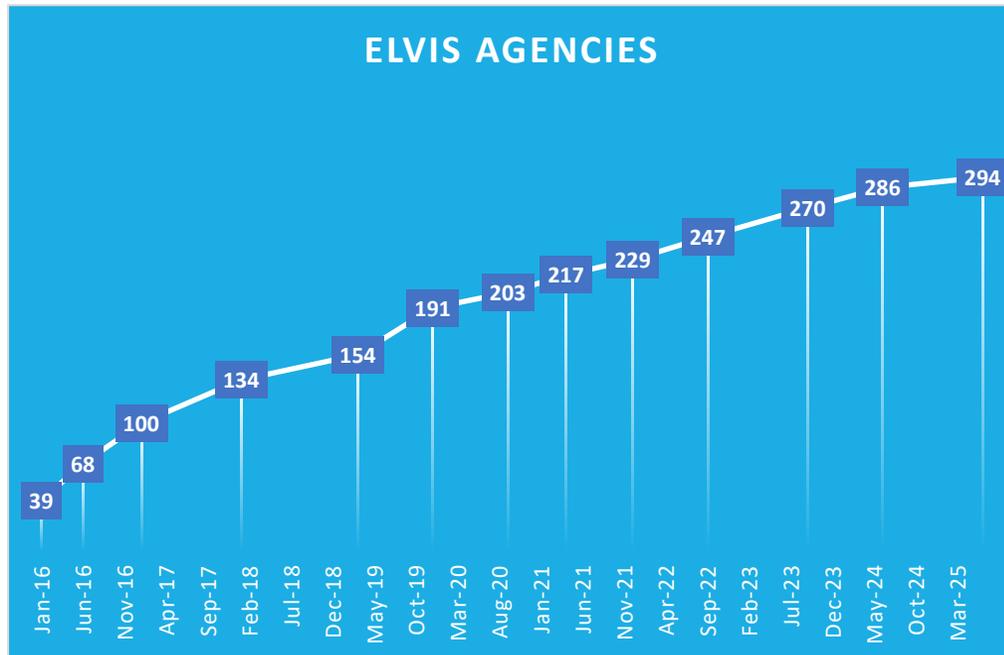
# ELVIS Usage over time, 2016-Present

## Law Enforcement Agencies

- 1/2016: 39
- 6/2025: 294

## User Accounts

- 1/2016: 3,667
- 6/2025: 42,206

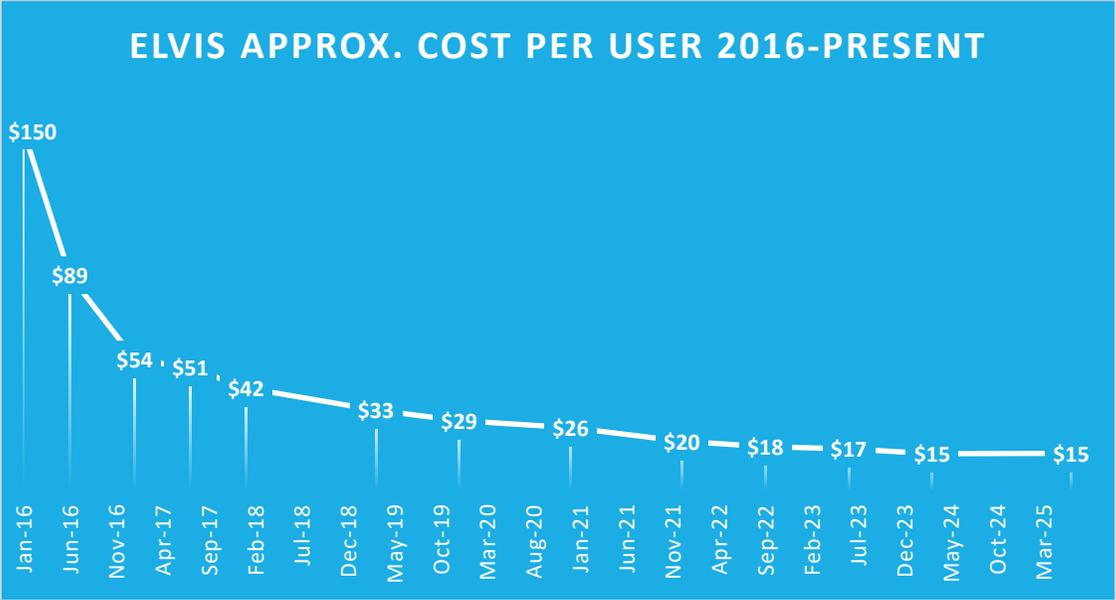


# ELVIS Cost per User

FY24-25 Total Funding Request: \$633,00

Total users (as of 6/25/25): 42,206

Avg. Cost per User per Year: \$15.00



# Thank You

---

QUESTIONS?



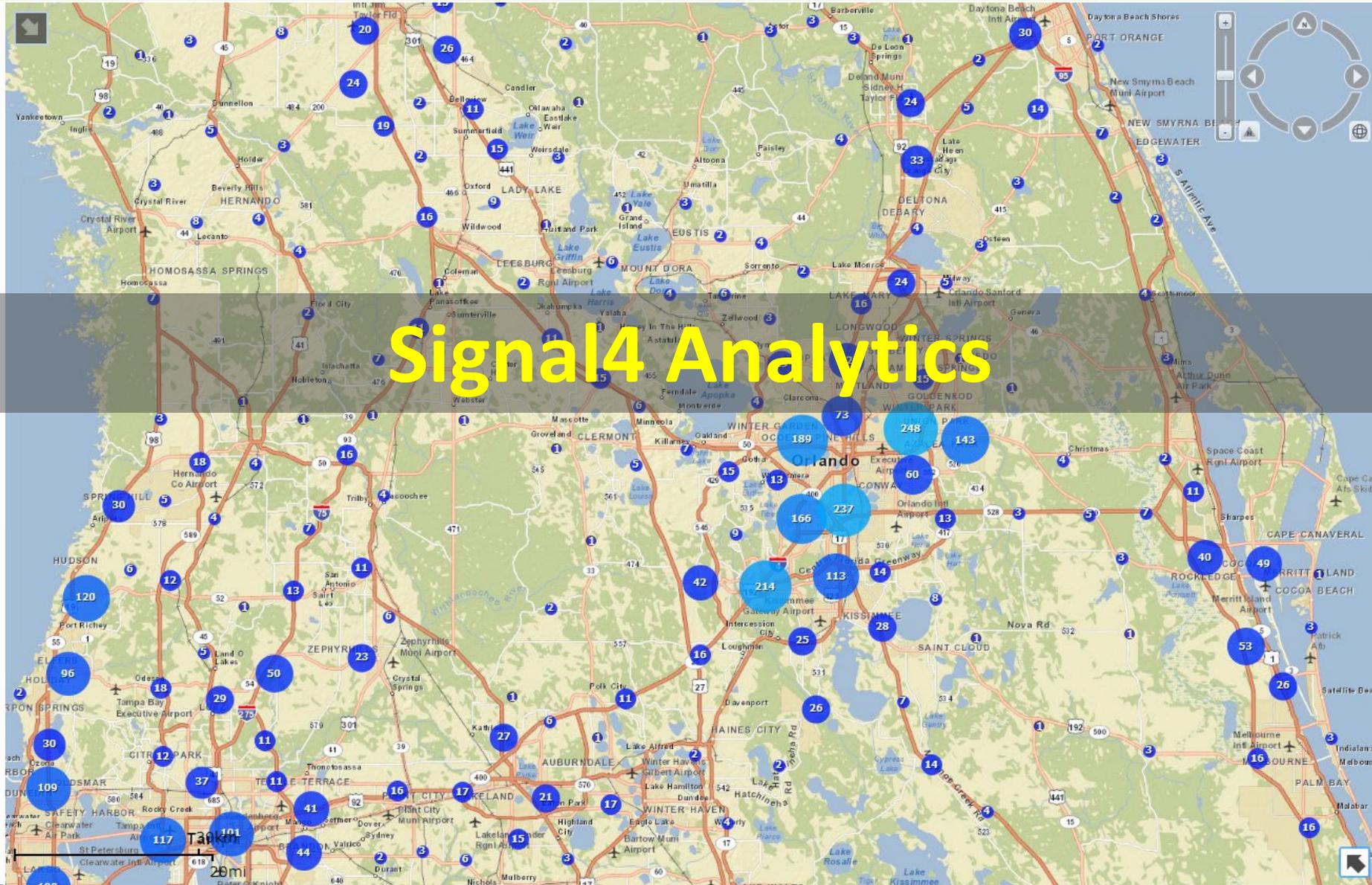
# ***EXPANDING ACCESSIBILITY, UTILIZATION, AND DATA INTEGRATION OF SIGNAL FOUR ANALYTICS***

*University of Florida*



# Projects

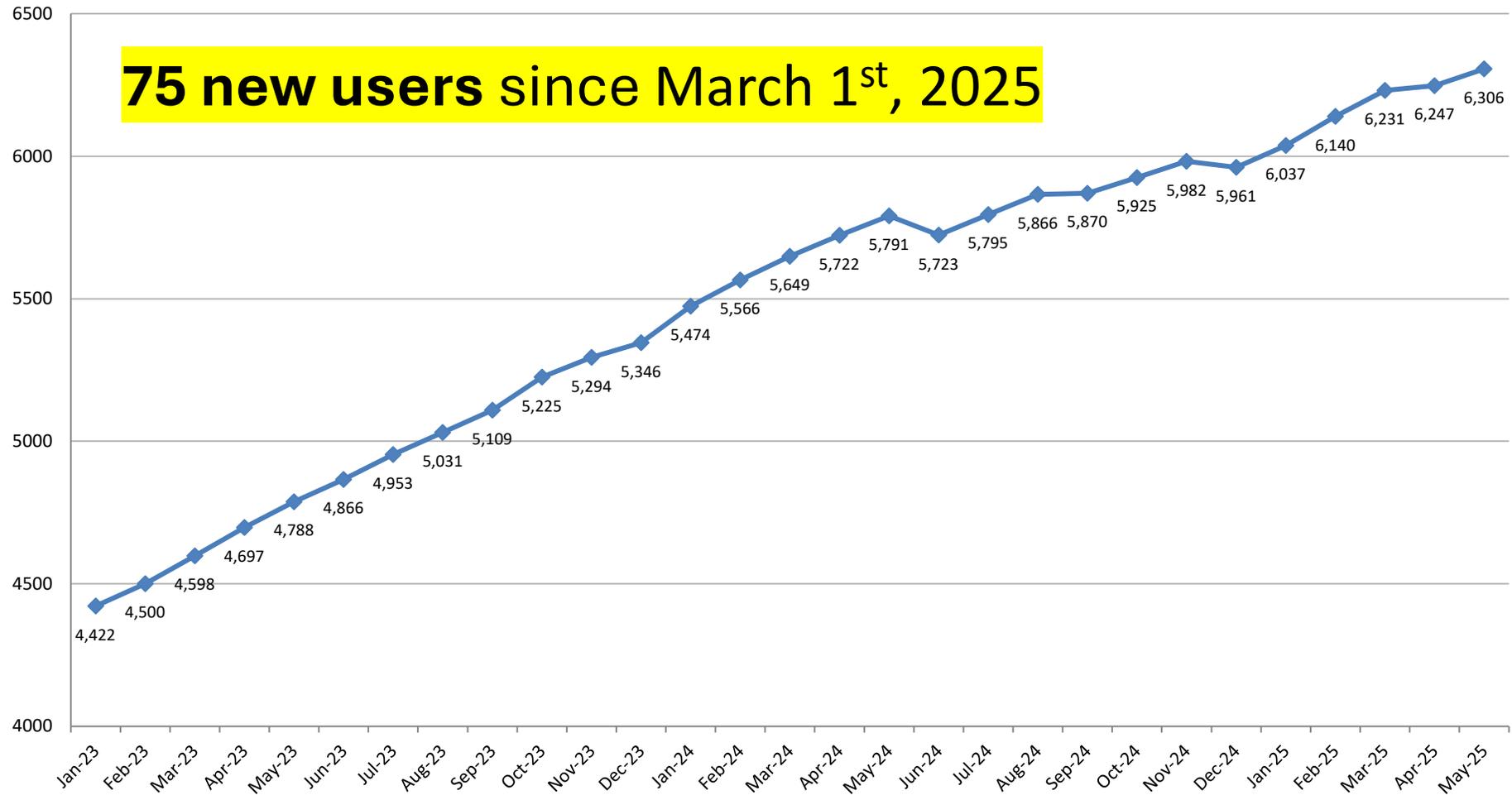
- **Signal4 Analytics** (Expanding Accessibility, Utilization, and Data Integration of Signal4 Analytics)
- **Signal4 Geolocation & Diagram** (Geolocation and Crash Diagramming to Improve Crash Data Location, Timeliness, and Quality)



# Objectives

- Accessibility
- Utilization
- Integration
  - Crash
  - Citation
  - Roadway

# User Growth



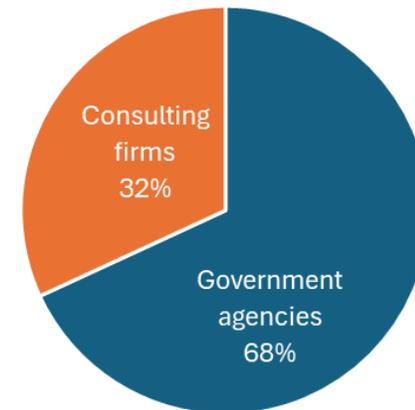
# Agencies & Firms Growth



## Agencies and Users to Date

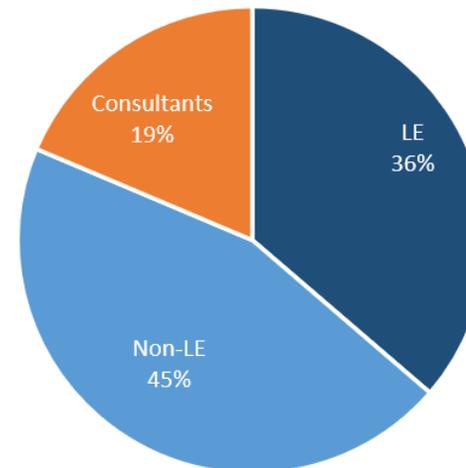
Agencies and firms: **1,208**

- Government agencies: **817**
- Consulting firms: **391**

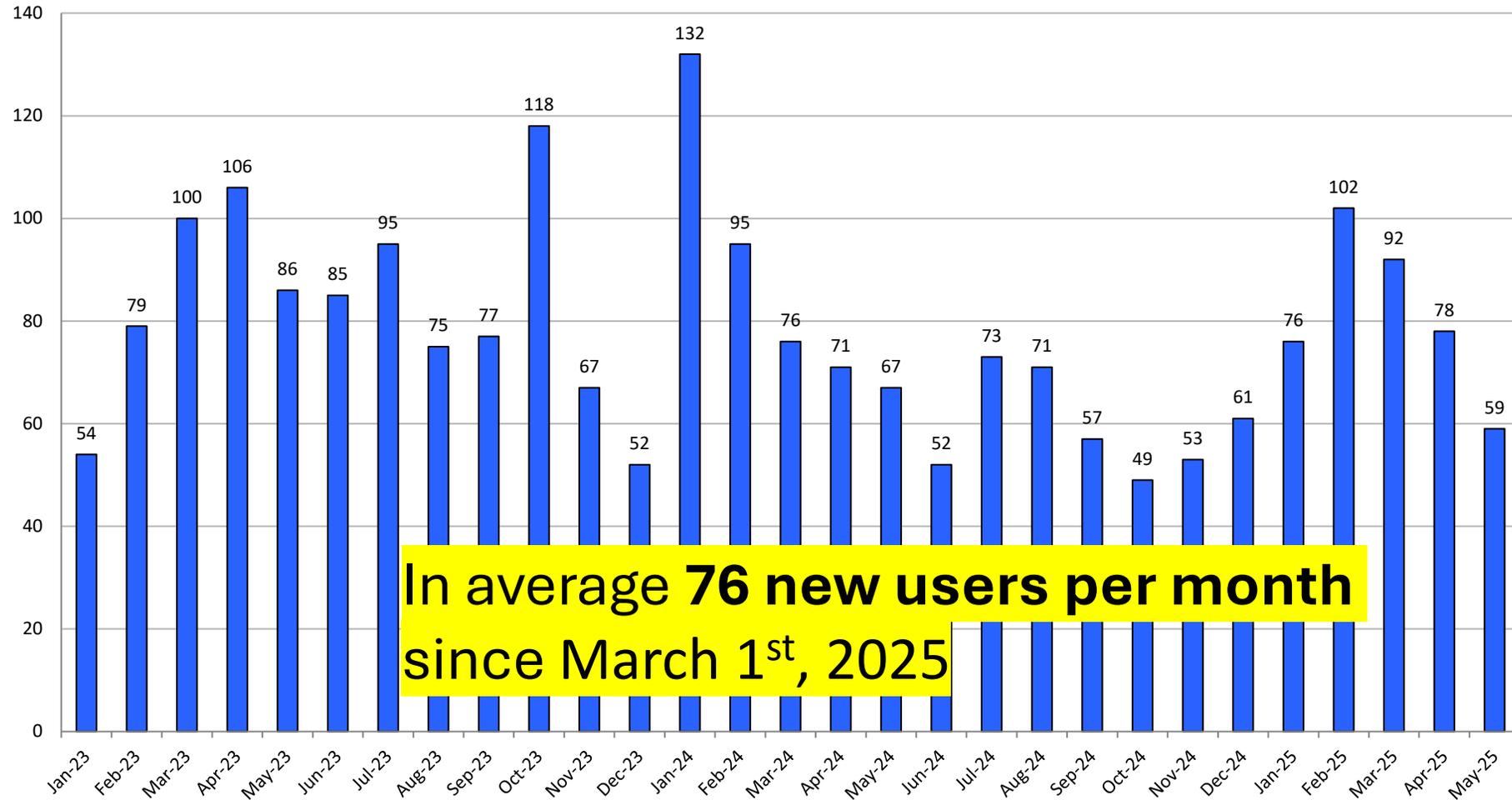


Users: **6,306**

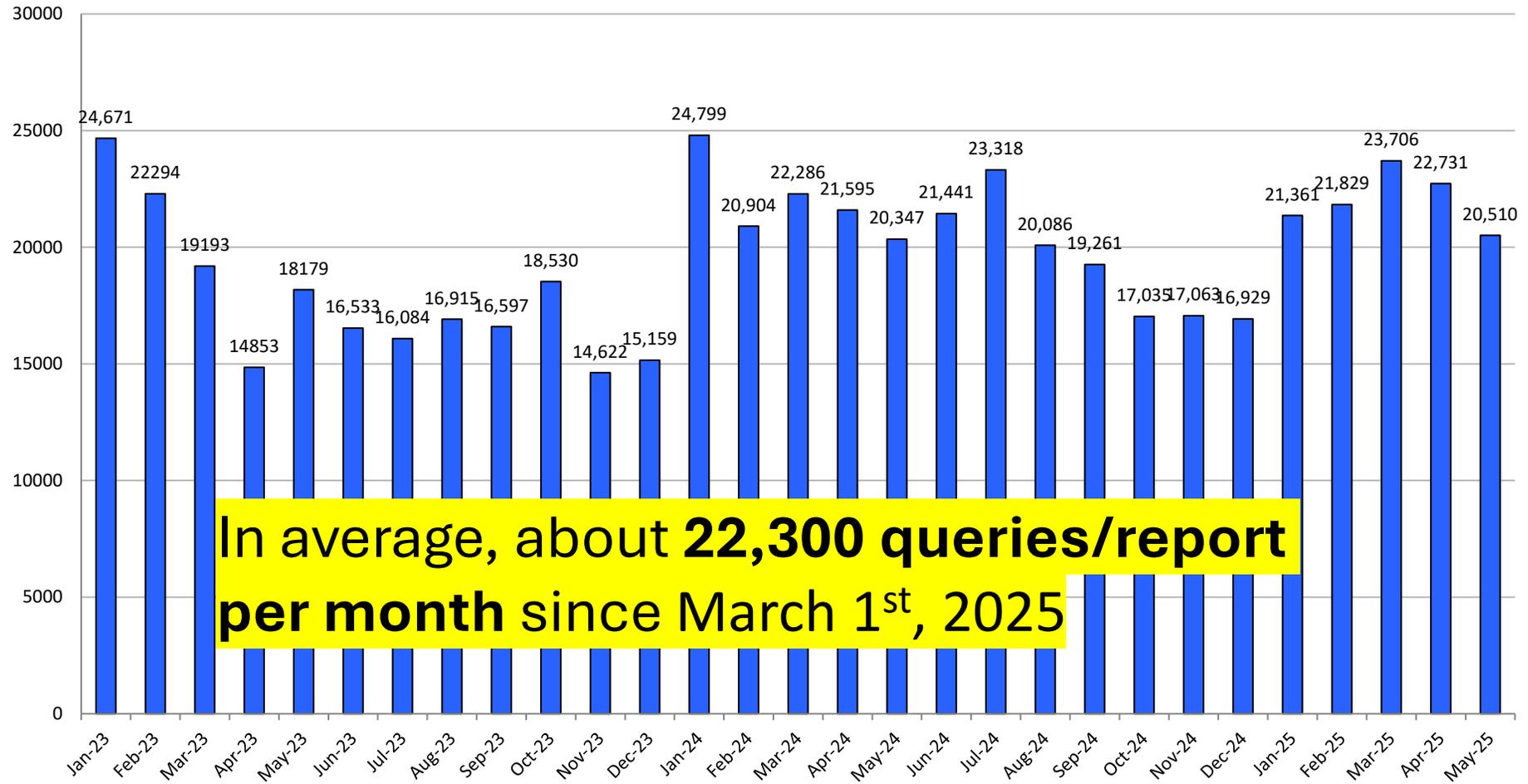
- LE: **2,291**
- Gov. non-LE: **2,841**
- Consultants: **1,174**



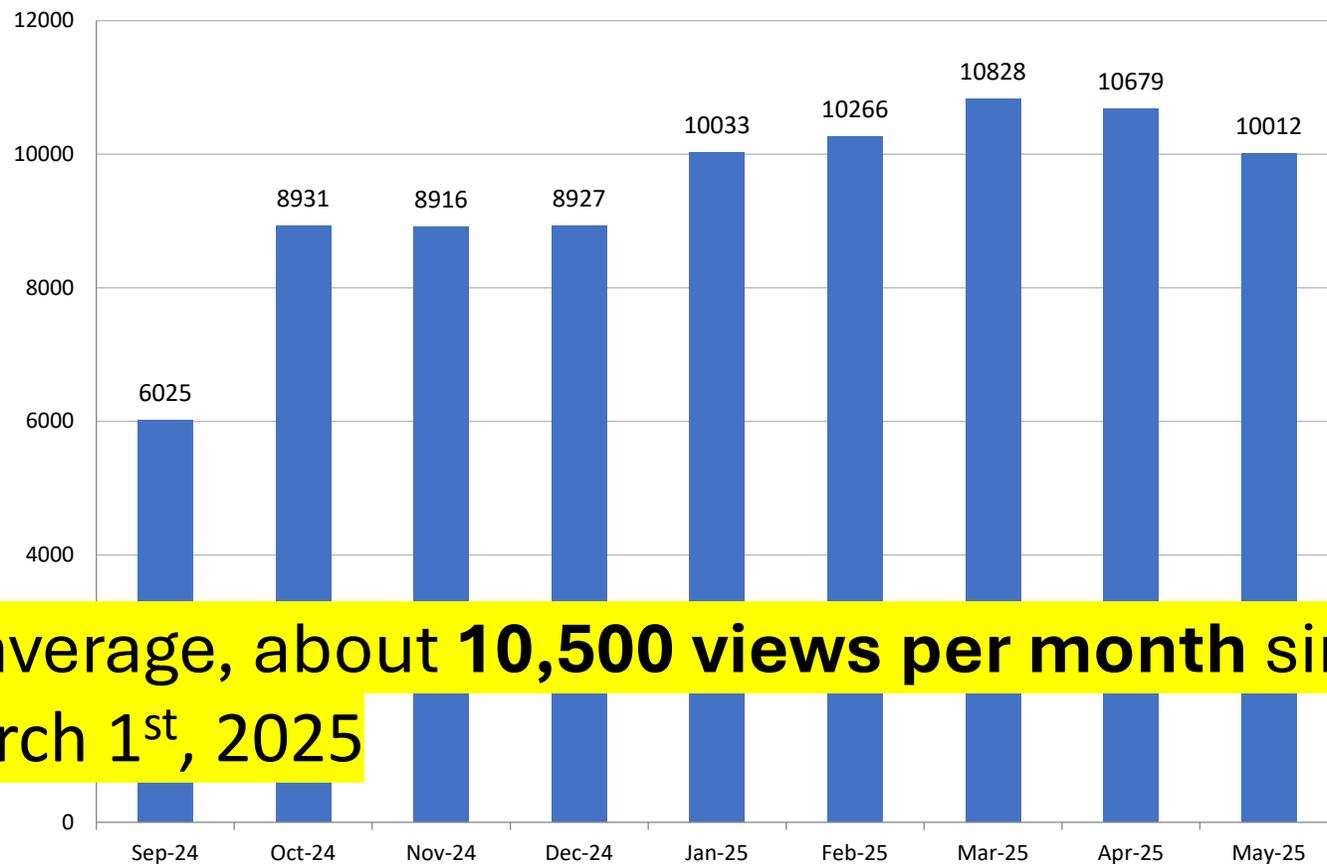
# New Users By Month



# Queries/Reports by Month



# Public Dashboard Pageviews by Month

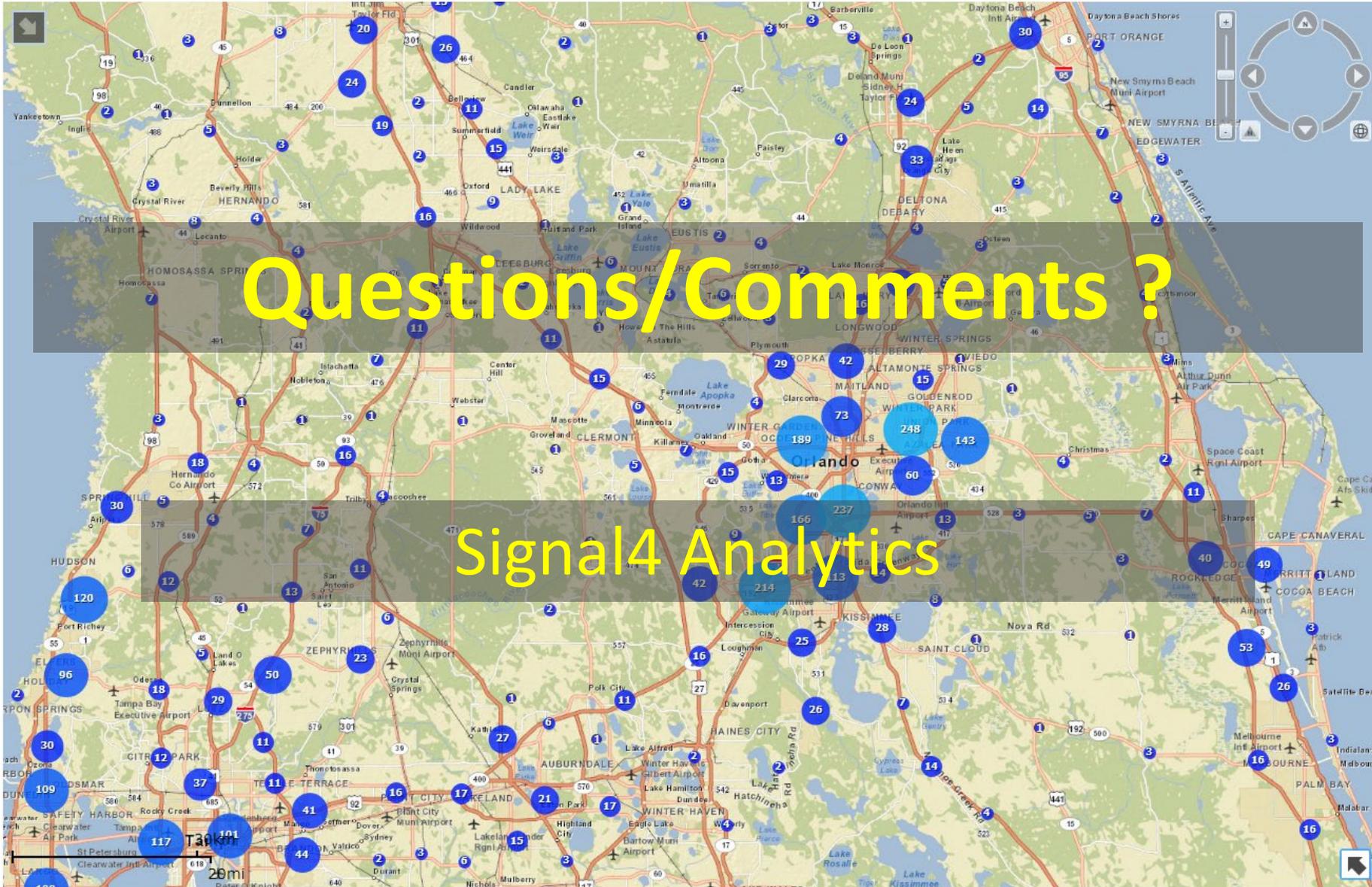


In average, about **10,500 views per month** since March 1<sup>st</sup>, 2025

Source: Elastics. Unique Pageview: Number of sessions that the page is viewed at least once.

## Main Activities

- Daily loading, monitoring and support
- Improve user management
- Participation in FLHSMV provider focus group effort
- Updated and unified method to load redacted and non-redacted data (using tech\_key)
- Developing citation data download

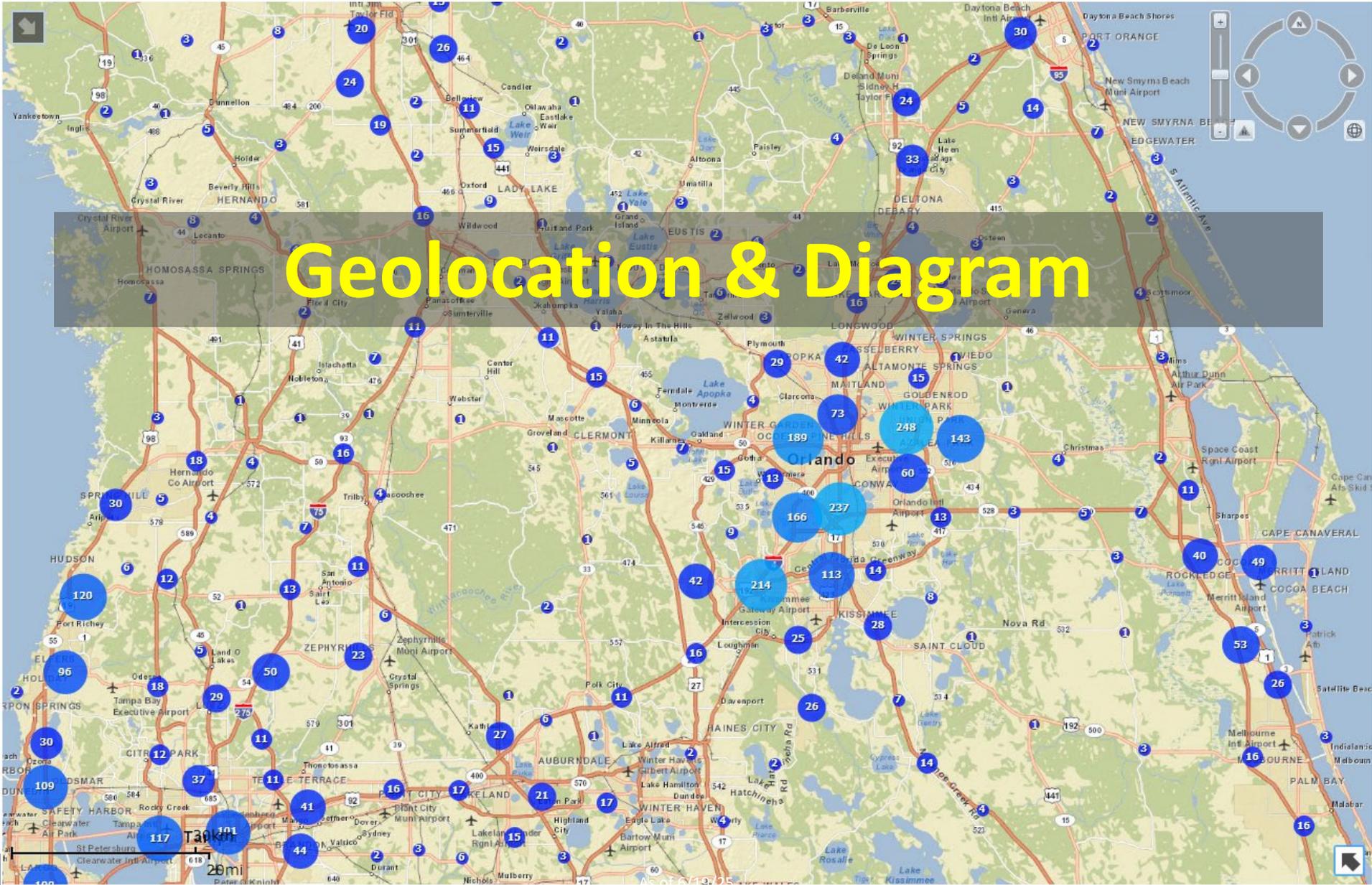




# ***GEOLOCATION & CRASH DIAGRAMMING TO IMPROVE CRASH DATA LOCATION TIMELINESS AND QUALITY***

*University of Florida*

# SIGNAL 4 GEOLOCATION & DIAGRAM



## Objectives

- Improve the overall **accuracy, consistency** and **integrity** of crash reports statewide
- Tie **crashes** and **citations** to the FDOT **roadway** information (RCI)
- Addresses all **6 NHTSA's** crash location **data quality attributes**:  
timeliness, accuracy, completeness, uniformity, integration, accessibility
- Benefits **beyond data**
  - Save time, reduce burden and improve reporting efficiency
  - Help **agencies** – less IT need, no installation, no cost
  - Help **vendors** in the long run

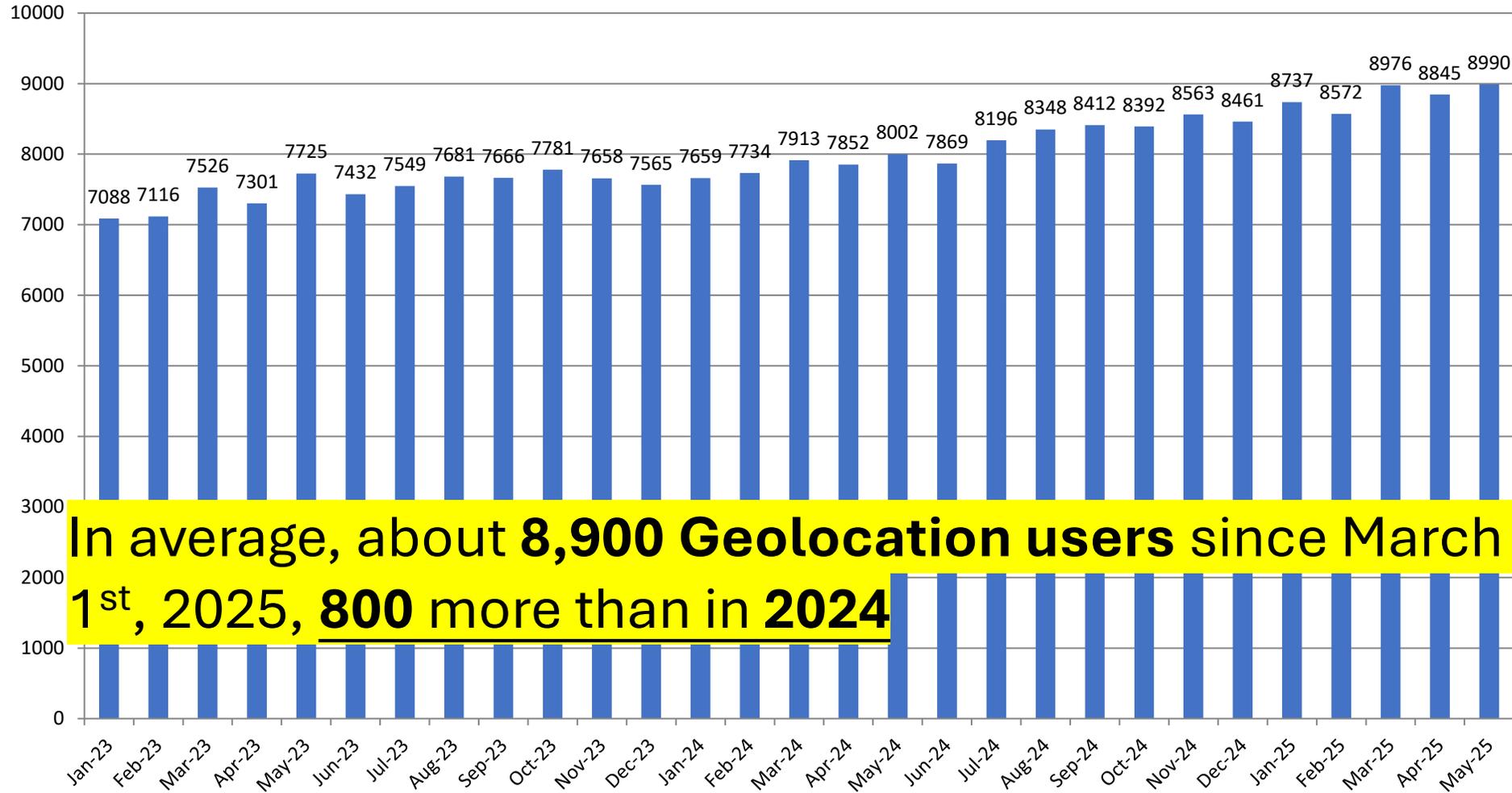
## Geolocation Usage Stats

- **TraCS**
  - **100%** of agencies that report **crashes** (209 of 209)
  - **10%** of agencies that write **citations** (20 of 192)
- **SmartCOP**
  - Jacksonville SO for crashes

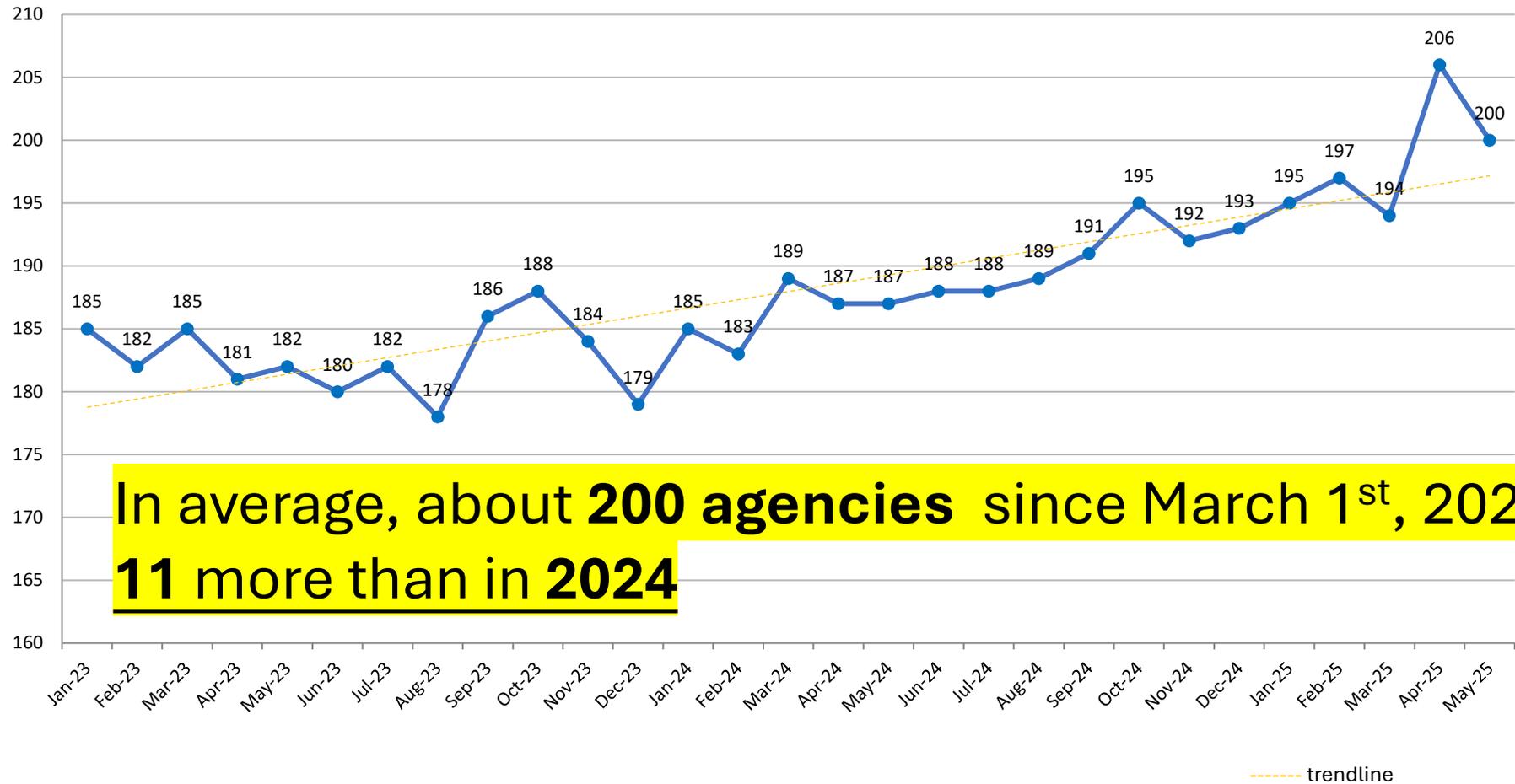
## Crashes Mapped by Geolocation



## Geolocation Users

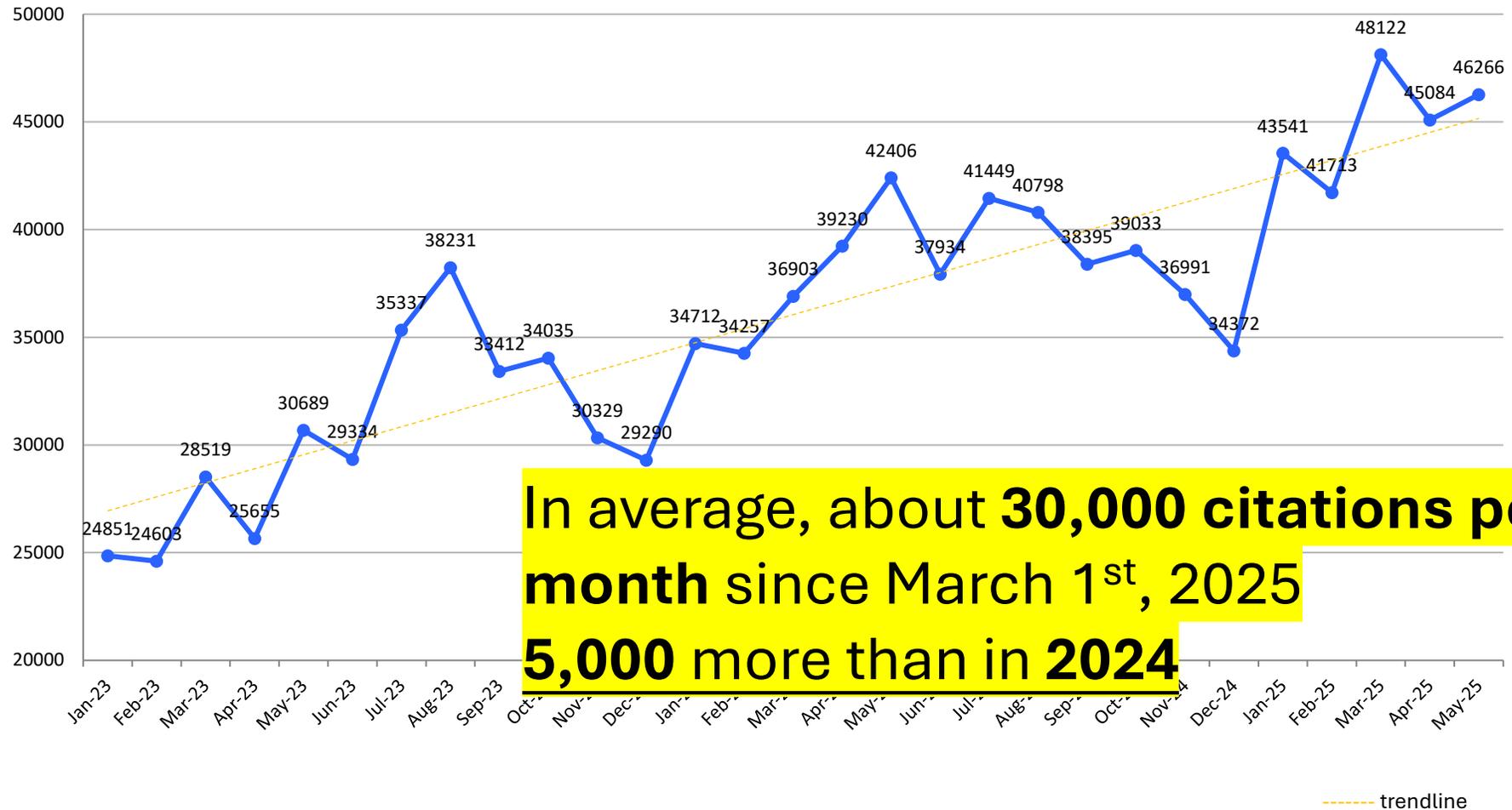


# Crash Geolocation Agencies

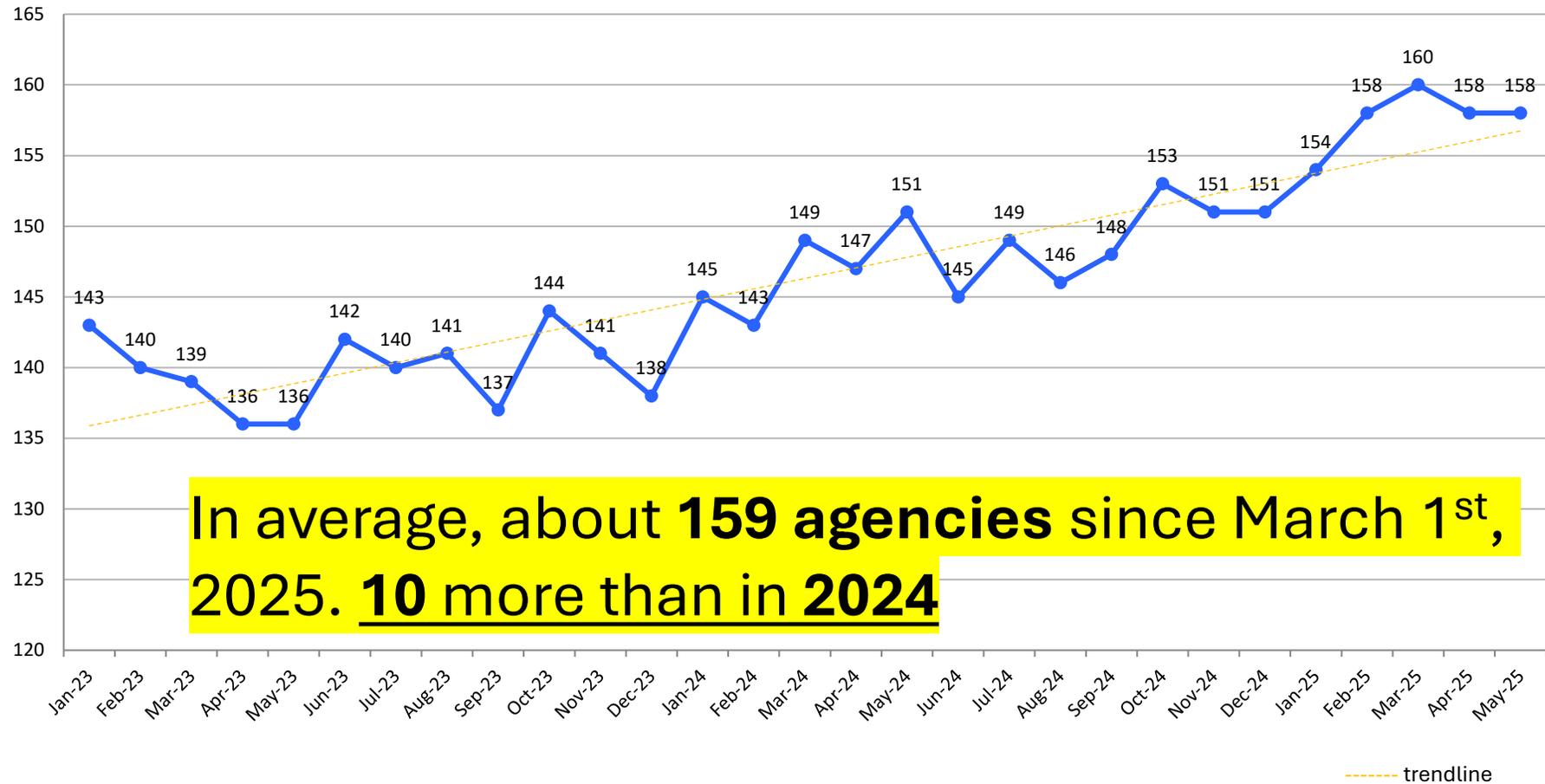


**In average, about 200 agencies since March 1<sup>st</sup>, 2025  
11 more than in 2024**

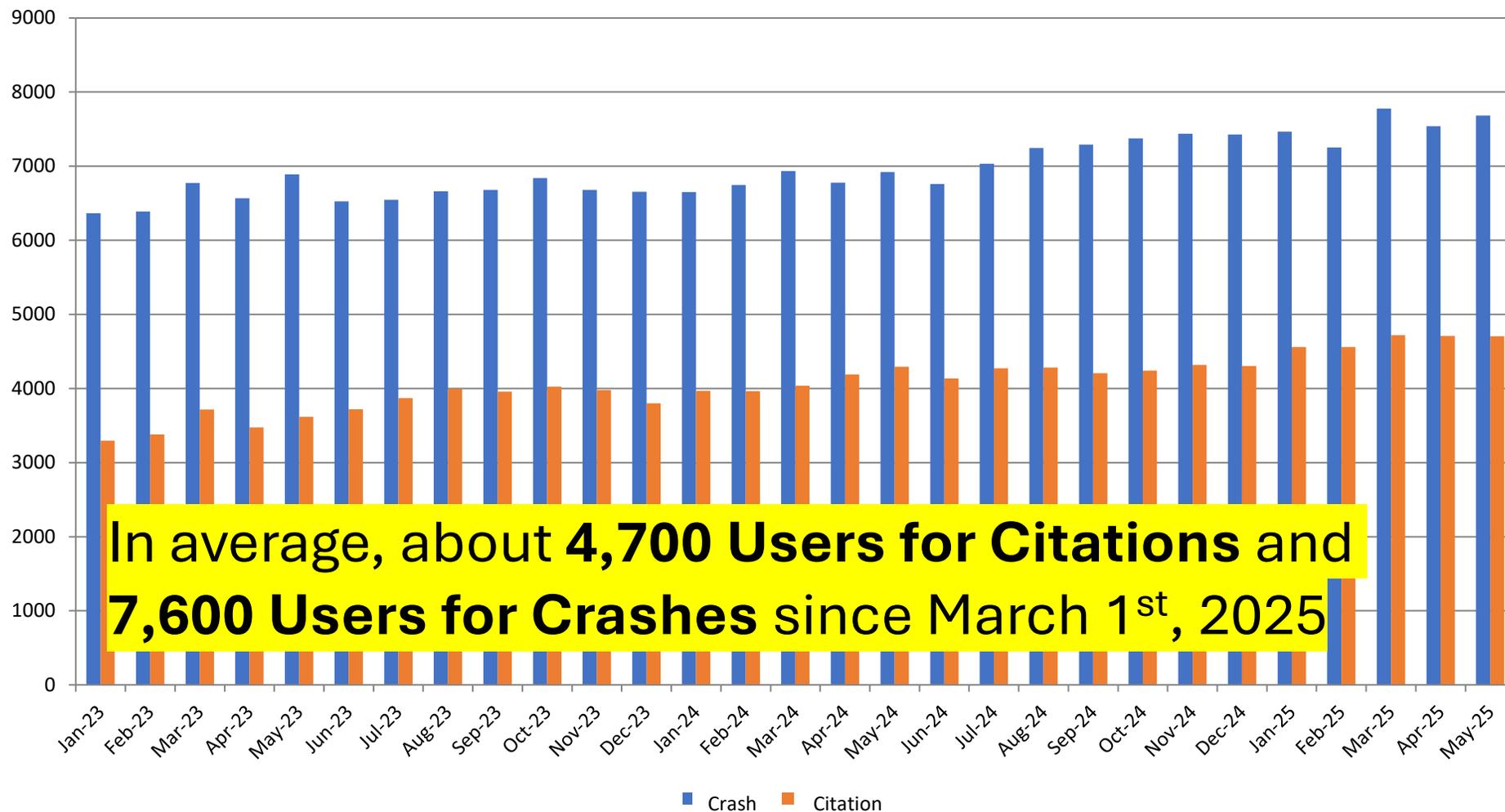
# Citations Mapped by Geolocation



# Citations Geolocation Agencies



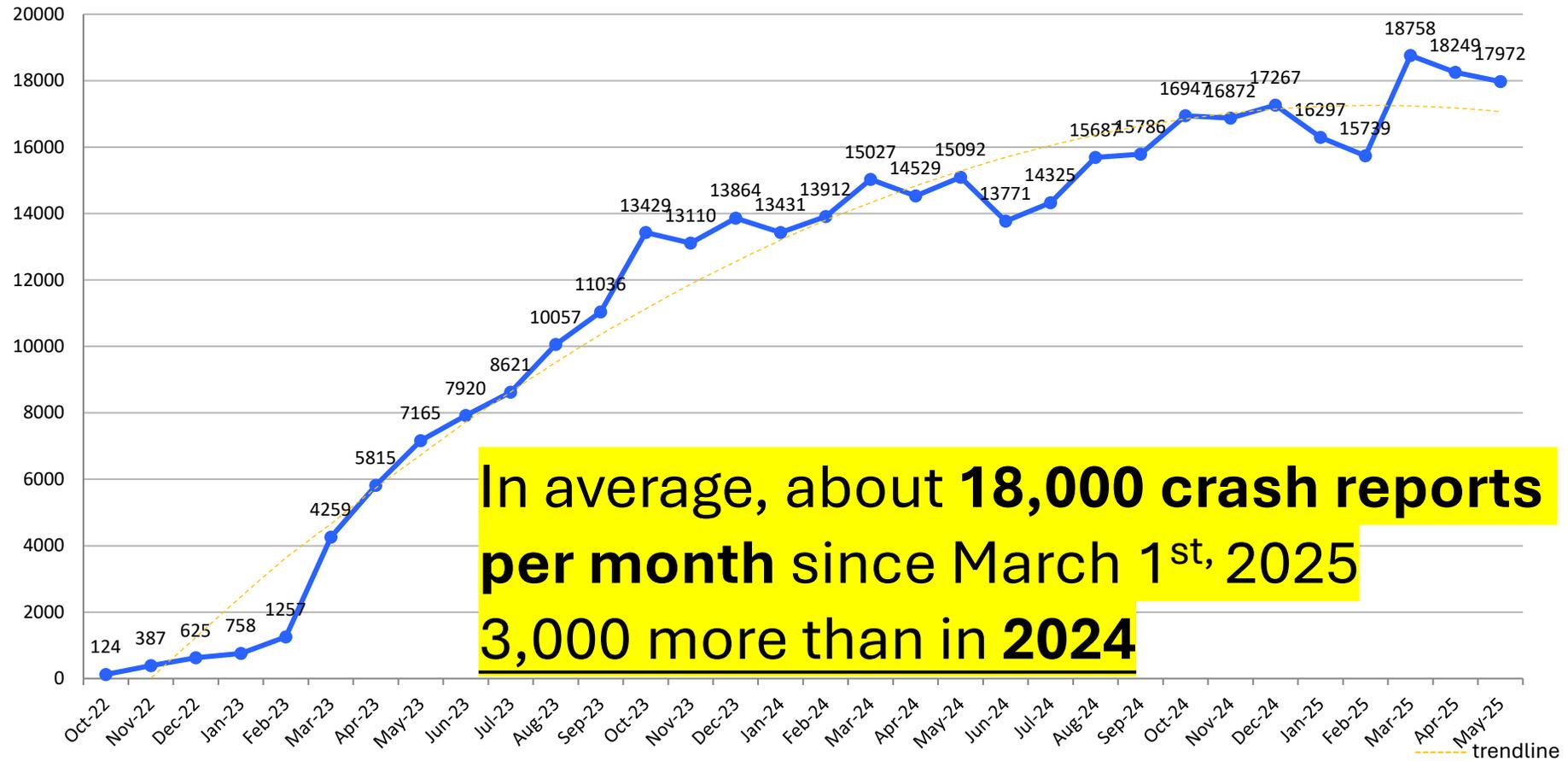
## Geolocation Crash vs Citations Users



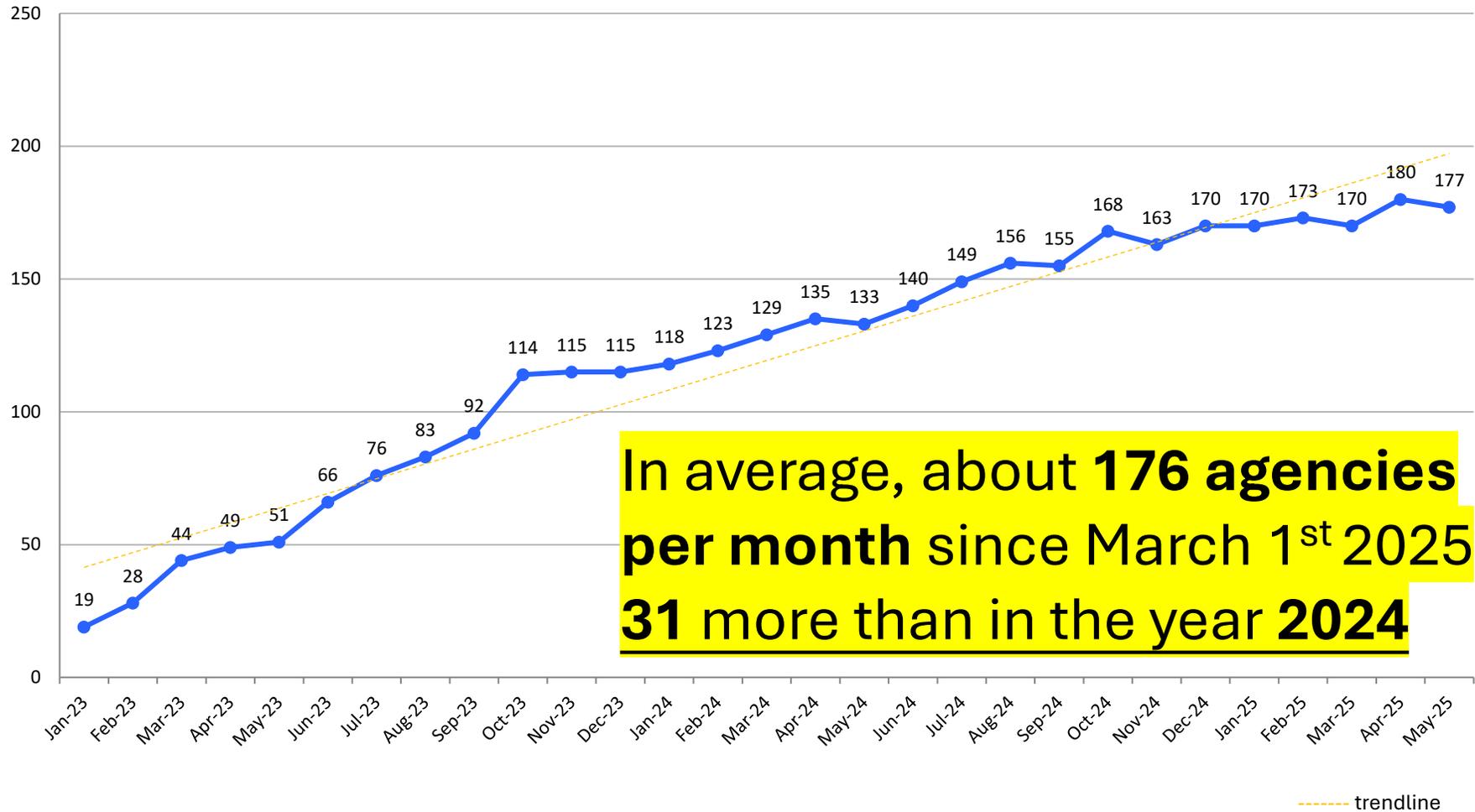
## Signal4 Diagram Usage Stats

- **TraCS**
  - **360,000** diagrams since October 2022 launch
  - **58,000** diagrams since March 1st, 2025
  - **197** TraCS agencies are currently using the Signal4 Diagram (197 of 209)

## Crashes that used Signal4 Diagram

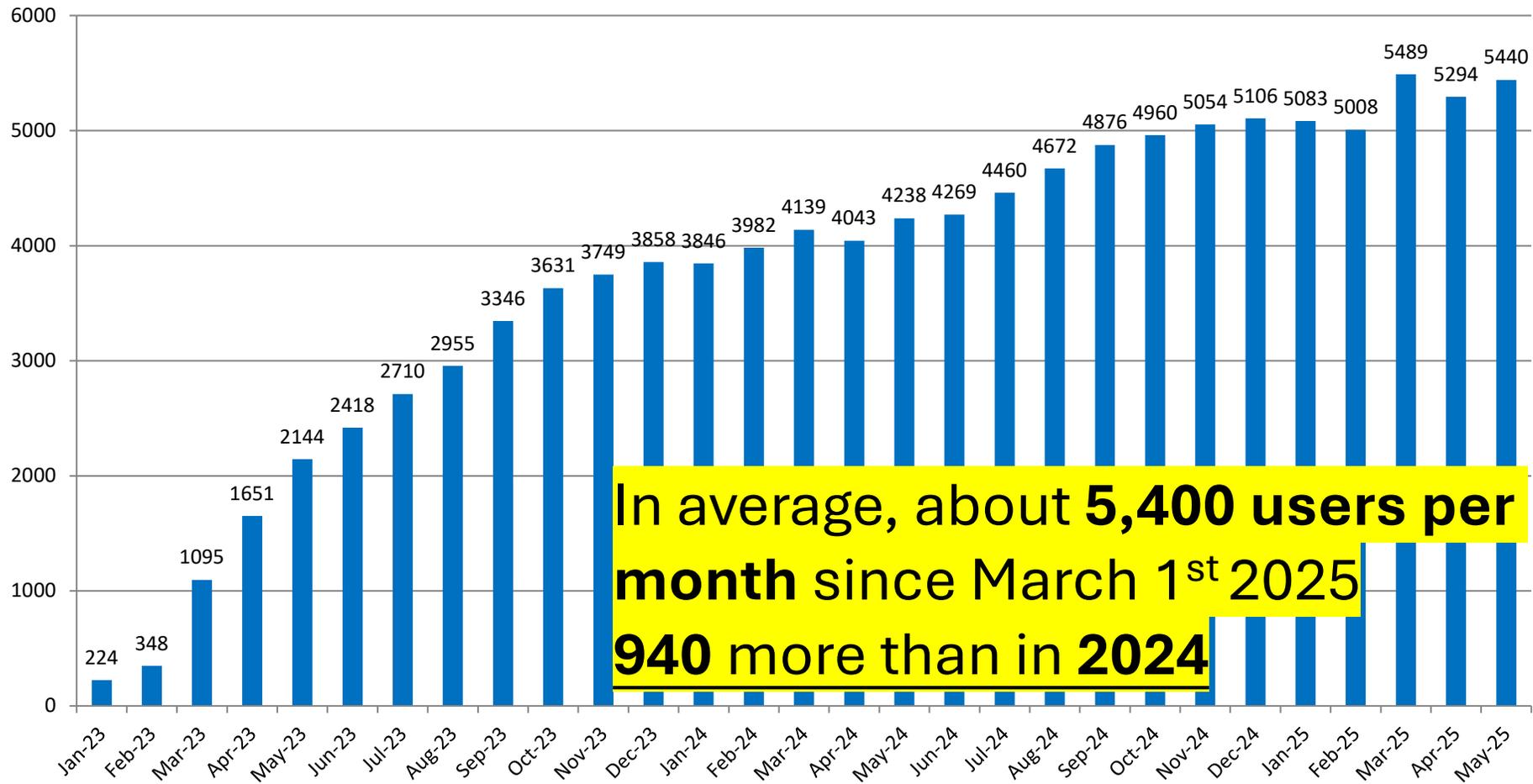


## Agencies that used Signal4 Diagram



**In average, about 176 agencies per month since March 1<sup>st</sup> 2025 31 more than in the year 2024**

## Users that used Signal4 Diagram



## Outreach

- **Presented at LE Quarterly Meetings**
  - District 6 in Miami
  - District 4 in Davie (Broward)

## New Vendor Implementation Status

- **365Labs**
  - Went live a few weeks ago
  
- **SmartCOP**
  - Completed, ready for deployment on Mobile Forms Version 11.7.0 release
  
- **Other vendors**
  - Central Square, earliest second quarter of 2026
  - Lexis Nexis – waiting for meetings with Miami Beach PD and Miami-Dade SO
  - Tyler Technologies – no response

## SmartCOP – Signal4 Integration

- Webinar held on Wednesday (June 25)
- Presented the integration of Geolocation and Diagram into SmartCOP
- **53** people from **20** agencies participated
- Next step is for agencies to upgrade to **Mobile Form version 11.7.0** and request enabling the tool

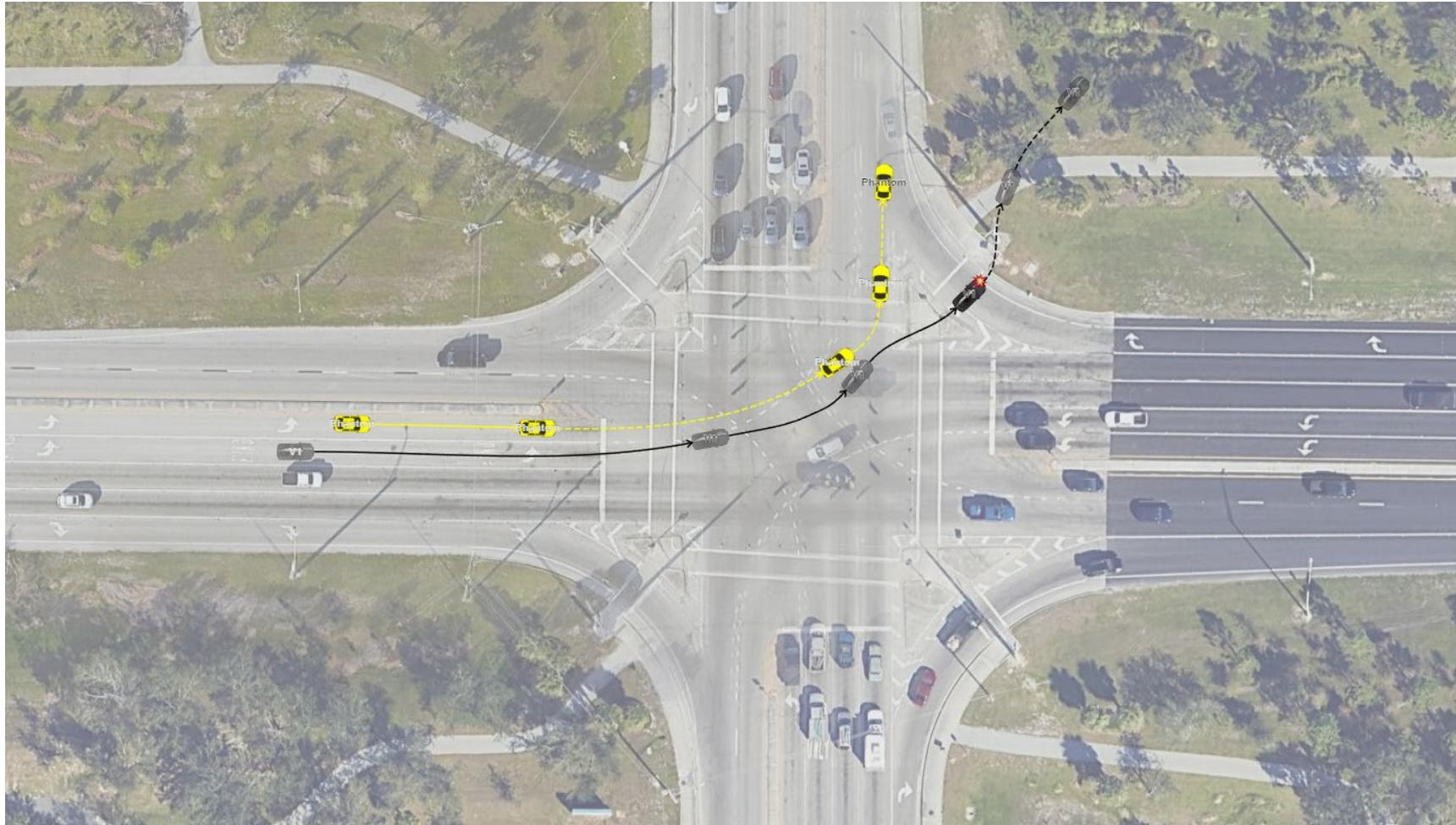
## Tool Updates

- New, improved vehicle and object icons
- Miscellaneous User Interface (UI), User Experience (EX) improvement
- **AI tool to remove aerial photo vehicles**

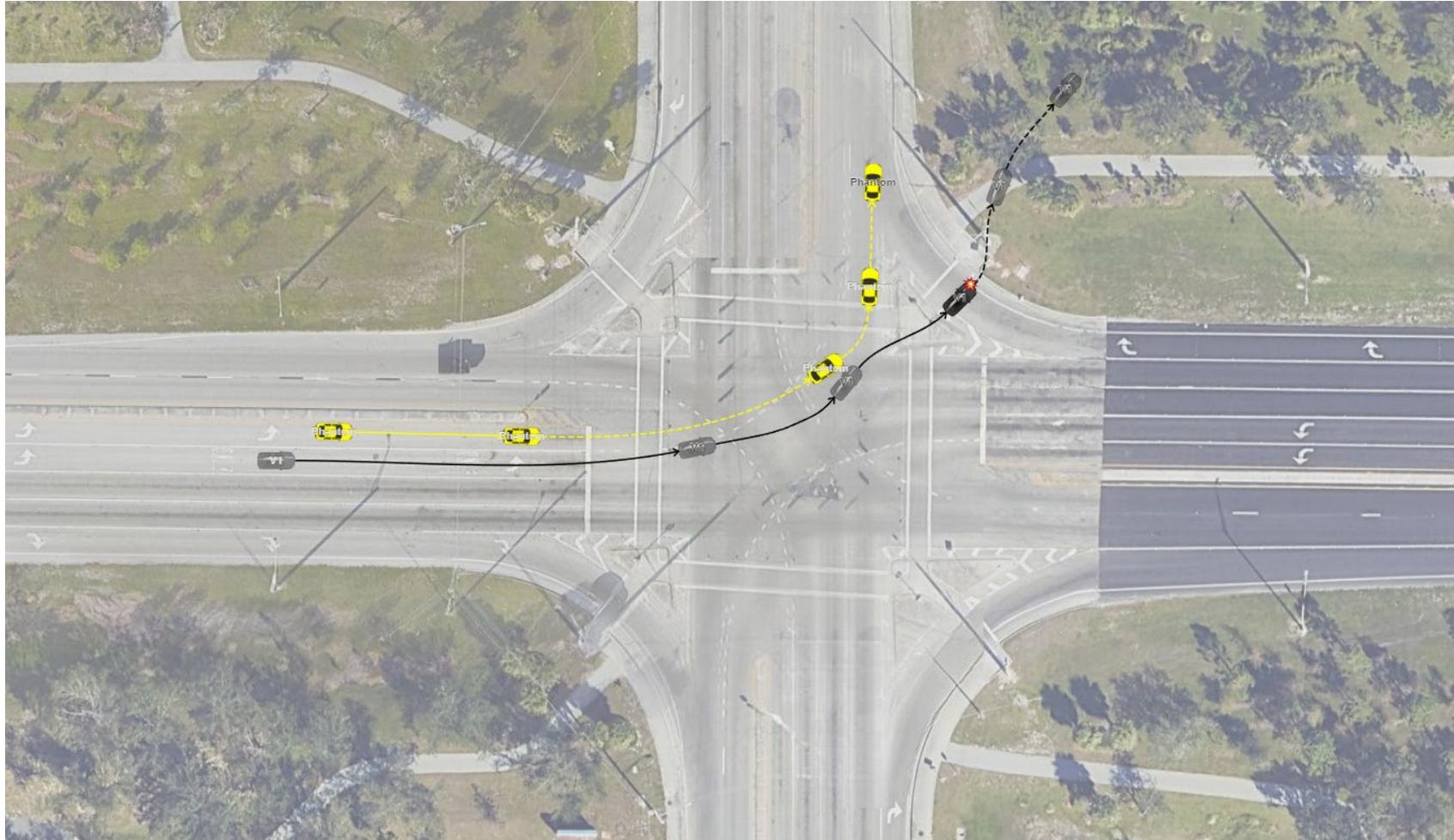
## AI Tool

- <https://diagram-demo.signal4lab.com/diagram?id=20101&vi=S4DiagramTesting1f7b4777-3e86-481f-a634-88a3c7fded8a>
- <https://diagram-demo.signal4lab.com/diagram?id=21745&vi=S4DiagramTestingfece4c77-b3c7-4688-a2b4-6f2ce2b6fa07>

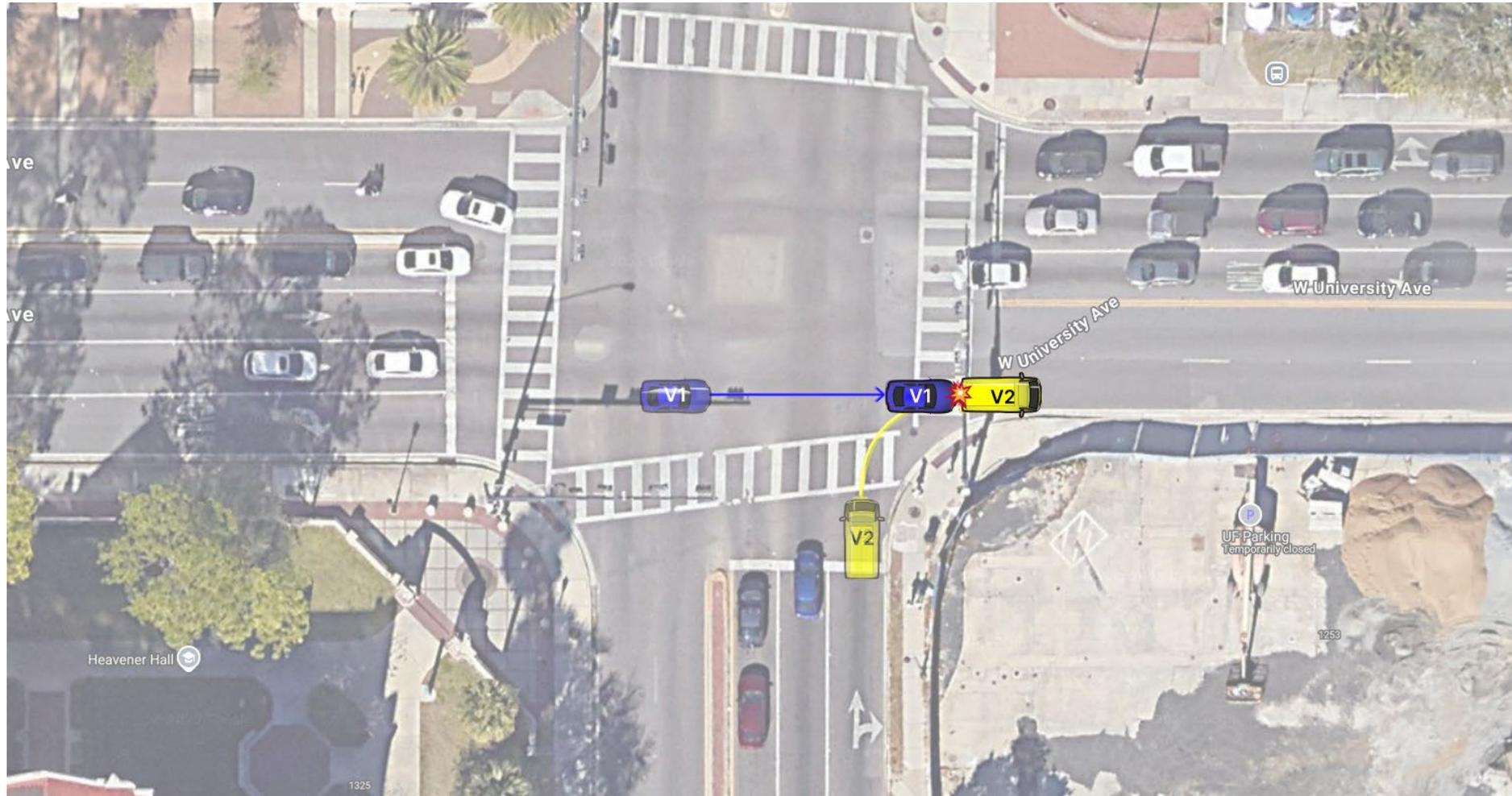
# Before



## After

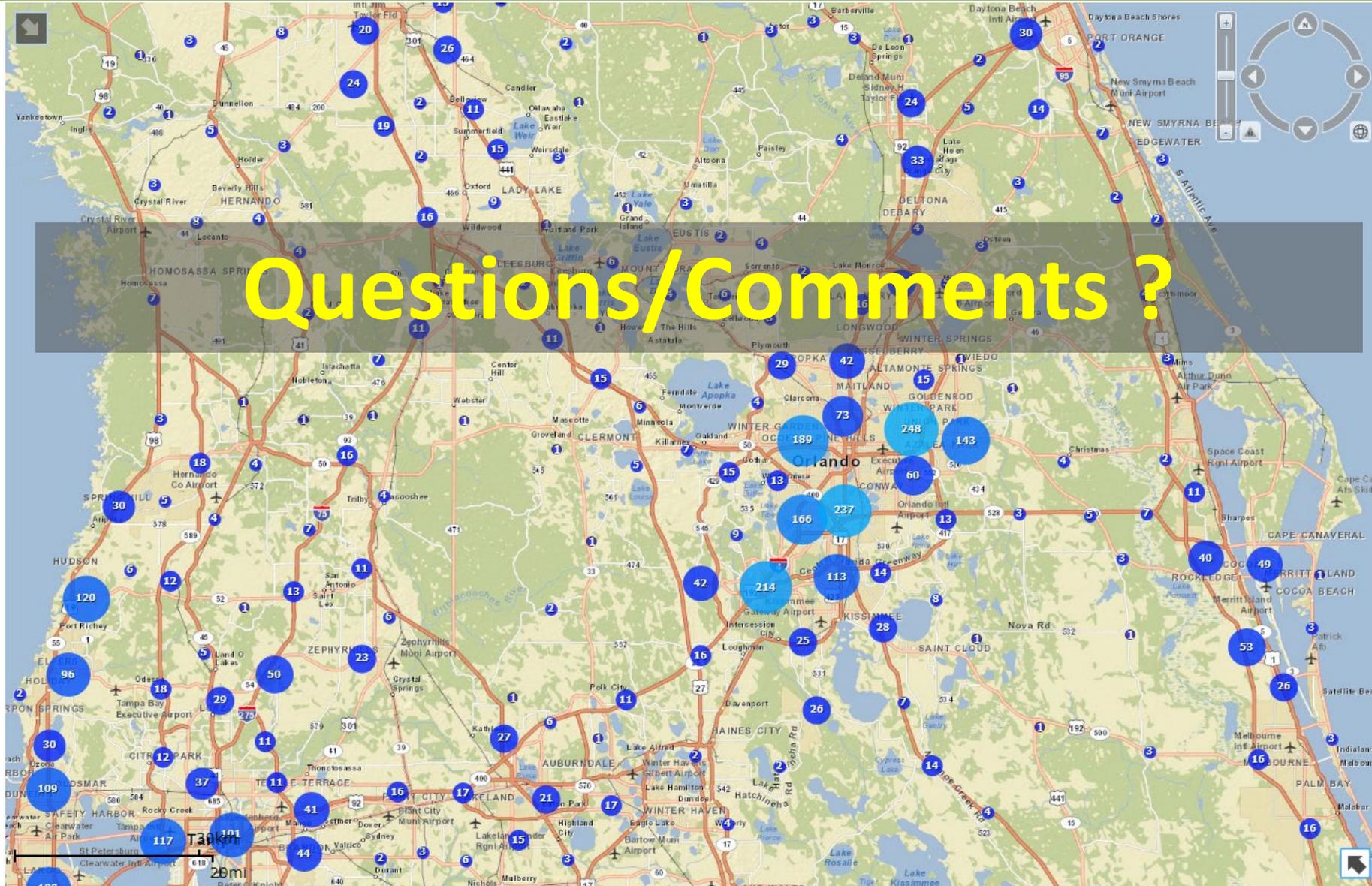


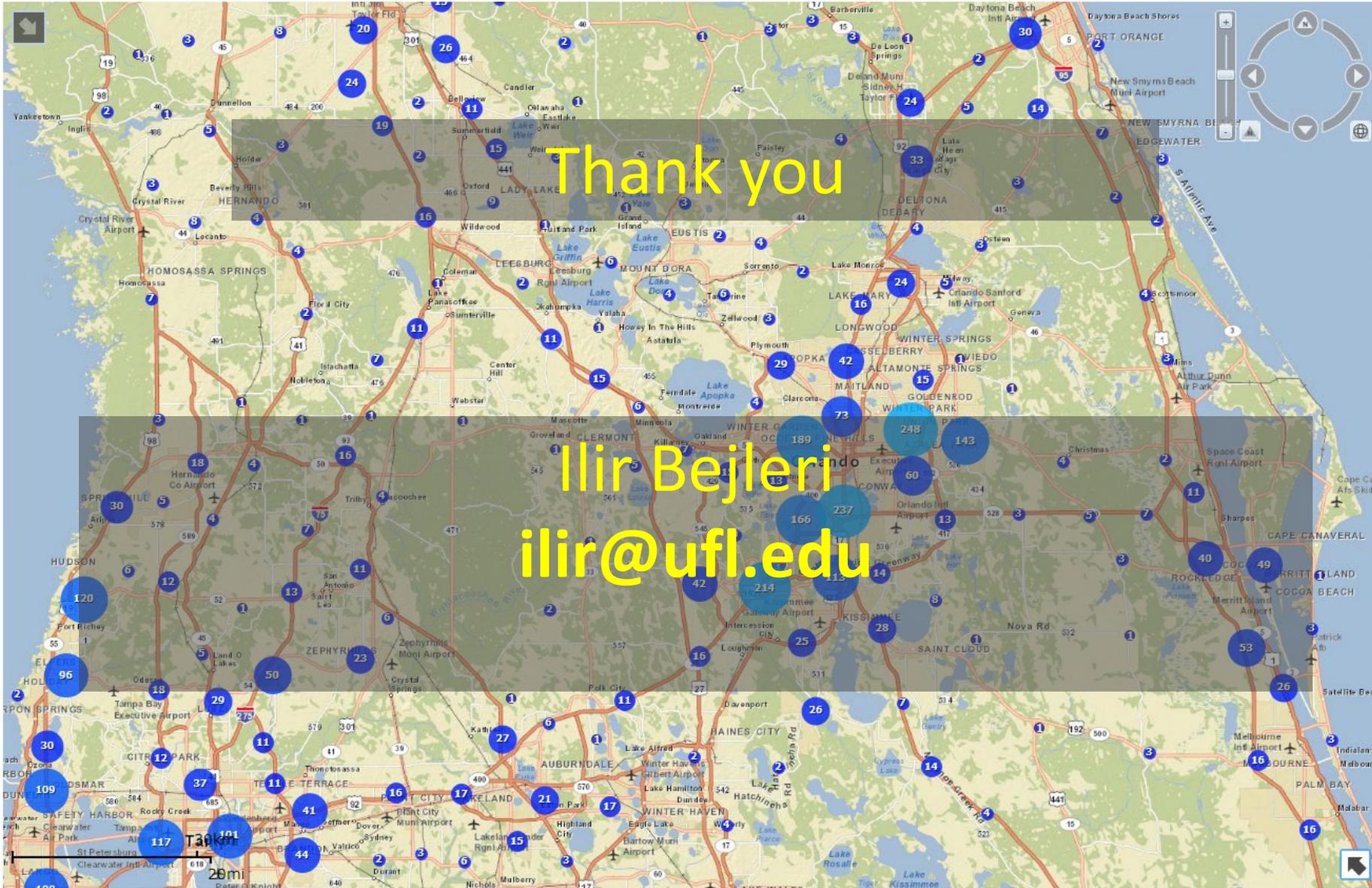
# Before



After









# ***TCATS AND CCIS DEMONSTRATION***

*Beth Allman, Florida Court Clerks and Comptrollers*



# ***PUBLIC COMMENT***

*Chris Craig, FDOT*



# *WRAP UP AND NEXT STEPS*

*Chris Craig, FDOT*

# *WRAP UP AND NEXT STEPS*



- Upcoming TRCC Meetings
  - September 19<sup>th</sup>, 2025



***THANK YOU AND SAFE TRAVELS!***