

FLORIDA'S TRAFFIC RECORDS COORDINATING COMMITTEE

Executive Board Meeting

presented to

TRCC

December 5, 2025



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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, Florida Department of Health

Robert Kynoch, Florida Department of Highway Safety and Motor Vehicles

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

Brenda Young (Interim), Florida Department of Transportation



SEPTEMBER 19, 2025, MEETING MINUTES

Chris Craig, FDOT



DATA WHEN, WHERE, AND HOW YOU NEED IT

**TRAFFIC RECORDS COORDINATING COMMITTEE
MEETING REPORT**

SEPTEMBER 19, 2025



TRCC

DATA WHEN, WHERE, AND HOW YOU NEED IT

Prepared For:
FLORIDA DEPARTMENT OF TRANSPORTATION

Prepared By:
CHRIS CRAIG, TRAFFIC SAFETY ADMINISTRATOR

Meeting Notes Taken By:
CAMBRIDGE SYSTEMATICS, INC.

FLTrafficRecords.com | 1



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

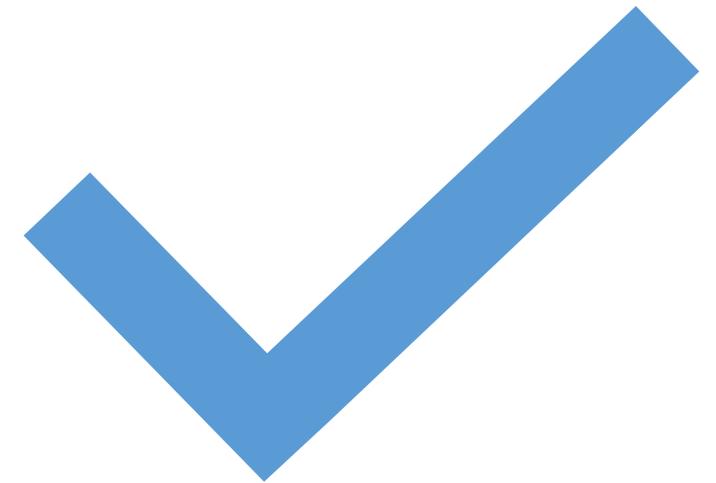


December 5, 2025



FY 25/26

Review of Grant Objectives & Status



Luis Dominguez
Project Director

Brenda Clotfelter
Project Manager

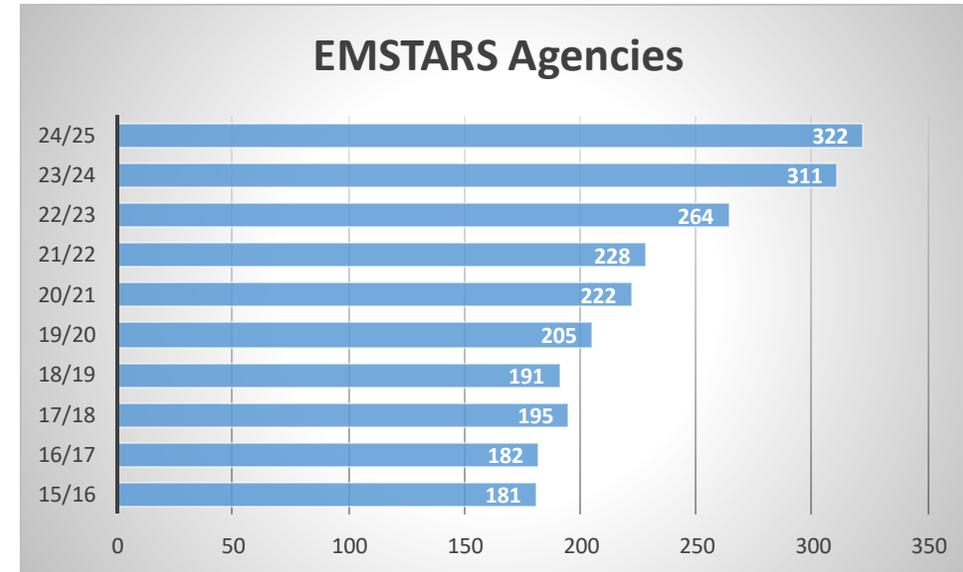
FY 25/26 Objectives



Completeness

Increase % of EMS agencies submitting to state incident level repository to 100% by September 30, 2026

93%



345 Total Licensed Agencies
322 Agencies in EMSTARS –
includes 11 subagencies

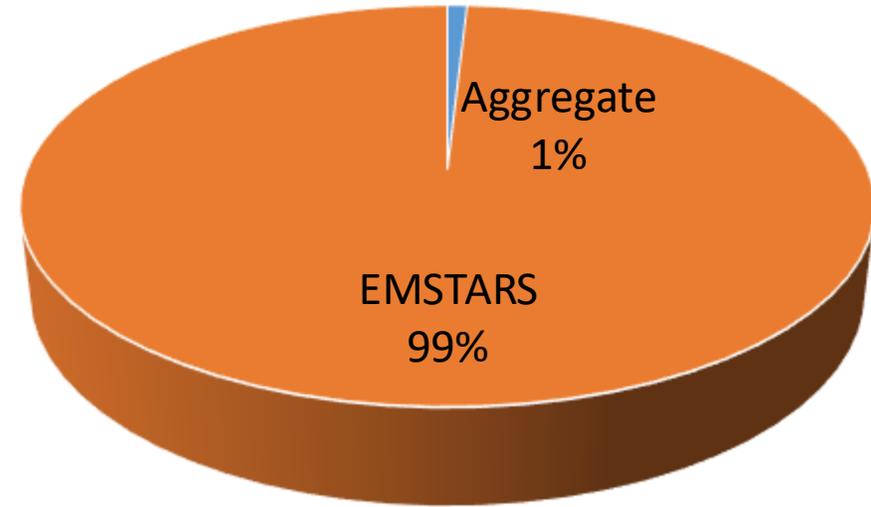
34 Aggregate

FY 25/26 Objectives



Completeness

Increase % of EMS emergency run reports submissions to the state repository to 100% by September 30, 2026.



99%

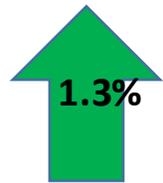
	2023	2024	2025
EMSTARS	4995565	5157239	4660875
Aggregate	116227	79526	47666
Total	5111792	5236765	4708541

FY 25/26 Objectives



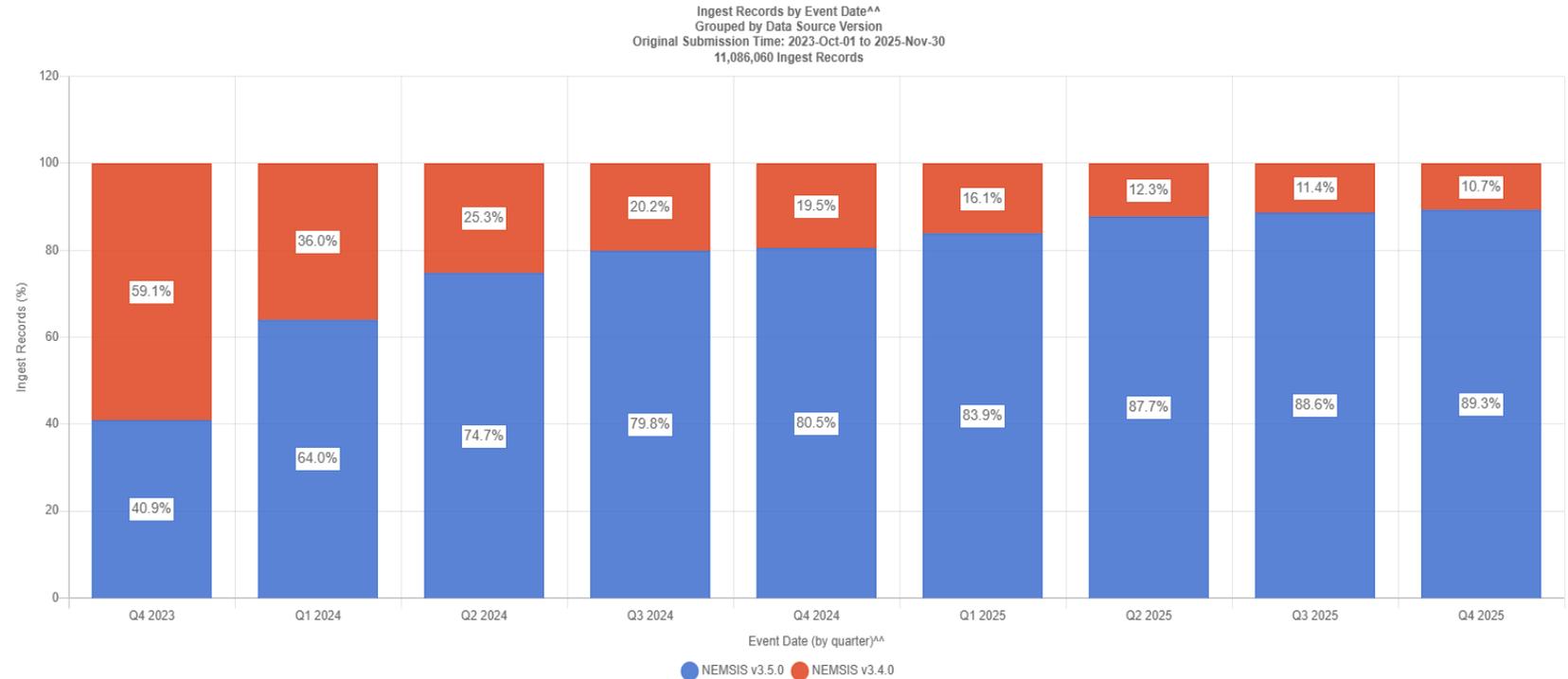
Uniformity

Increase % of EMS emergency run reports submitted in compliance with NEMESIS Version 3.5 to 100% by September 30, 2026



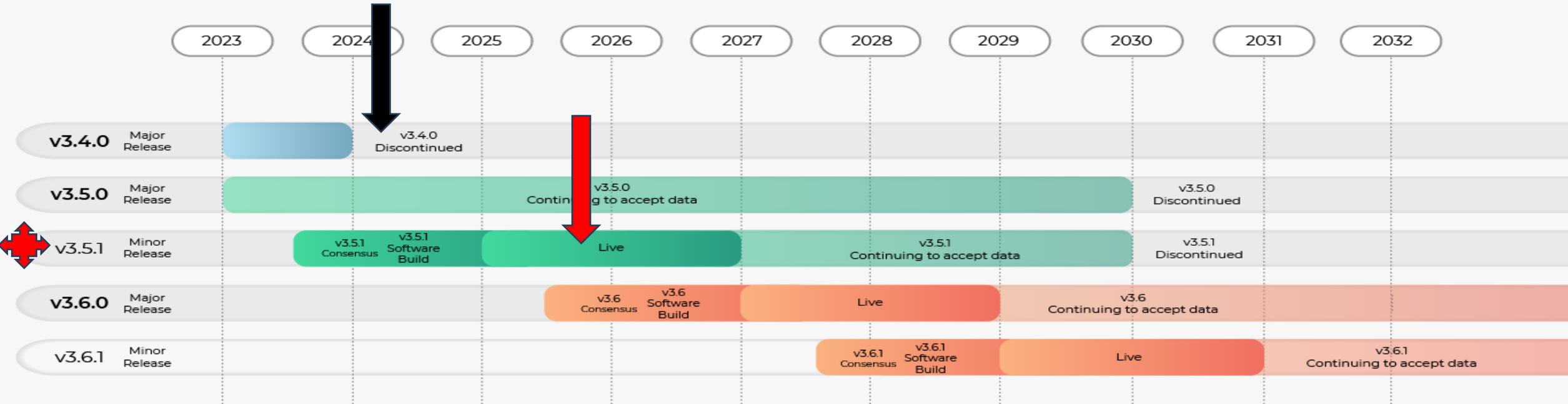
1.3%

89.3%





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 25/26 Objectives



Uniformity/Accuracy

Publish an update to the Florida Data Dictionary with business rules for NEMESIS 3.5.1 by September 30, 2026.

- **Original V3.5.1 Data Dictionary published 10/1/25**
- **Update Projection 3/1/25**

Florida's V3.5.1 Timeframe



- **Florida is positioned to receive V3.5.1 submissions by January 2026**
- **Florida will continue to accept V3.5**
- **Florida agencies submitting V3.4 should migrate asap to the current version by 4th qtr 2025**

FY 25/26 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**

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

- ✓ **EMSAC Data Committee**
 - 10/02/25 - completed**
 - 11/18/25 - completed**
 - 12/10/25 - scheduled**
 - 01/04/26 - scheduled**

FY 25/26 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 25/26 Objectives

DATA QUALITY SCORE

Dashboard

COMPLETENESS

TIMELINESS

TIMELINESS

ACCURACY

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



FY 25/26 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, 2026 (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
- **Strategic Quality Measure**
- 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](#)

Warning by Strategic Measure



EMS Data Quality - Warning Messages Dashboard

Rule_From County Strategic_Measure

Definitions for the Dashboard

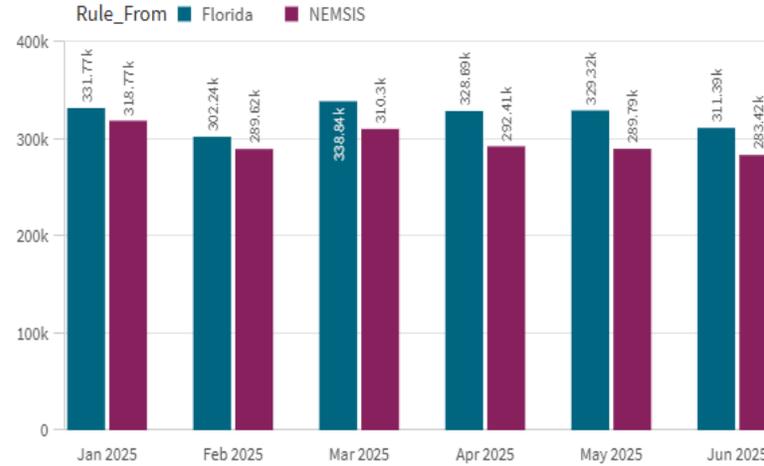
Warnings: A warning consists of a code and message that indicate a data rule violation, meaning some required information is missing in an ePCR record.

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.

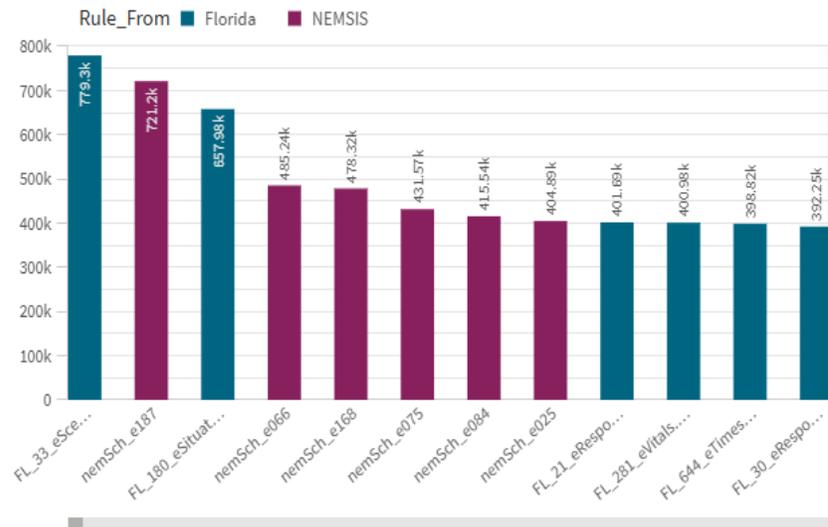
Number of Records per Warnings per Month



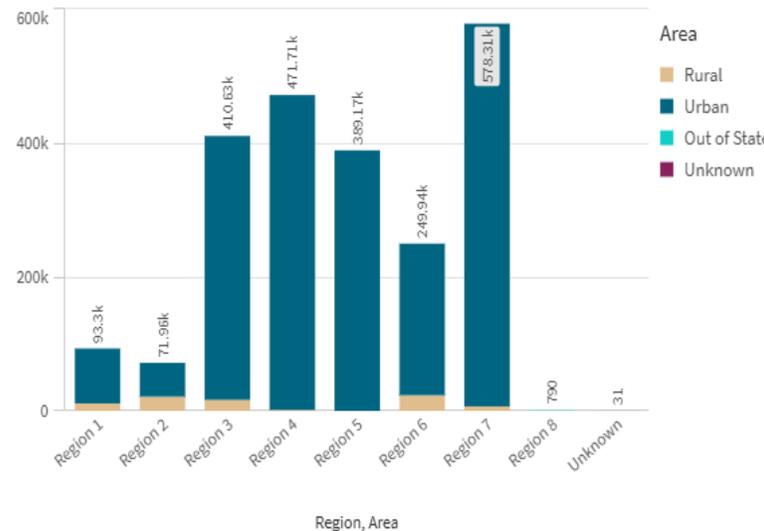
Number of Records per Warning

Warning_Code	Warning_Message	# of Records
Totals		2,265,850
FL_33_eScene.01	First EMS Unit on Scene (eScene.01) cannot equal a NOT Value when Unit Arrived on Scene (eTimes.06) has a date/time value.	779,297
nemSch_e187	Level of Care Provided per Protocol should be recorded (with a value other than "No Care Provided") when Patient Evaluation/Care is "Patient Evaluated and Care Provided".	721,198
FL_180_eSituation.01	Date/Time of Symptom Onset/Last Normal (eSituation.01) cannot equal a NOT Value when Primary Symptom (eSituation.09) has a value other than a NOT VALUE.	657,984
nemSch_e066	Primary Method of Payment should be recorded when Transport Disposition is "Transport by This EMS Unit...".	485,242
nemSch_e168	Final Patient Acuity should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided".	478,325
nemSch_e075	Date/Time of Symptom Onset should be recorded when Type of Service Requested is "Emergency Response (Primary Response Area)" and	431,572

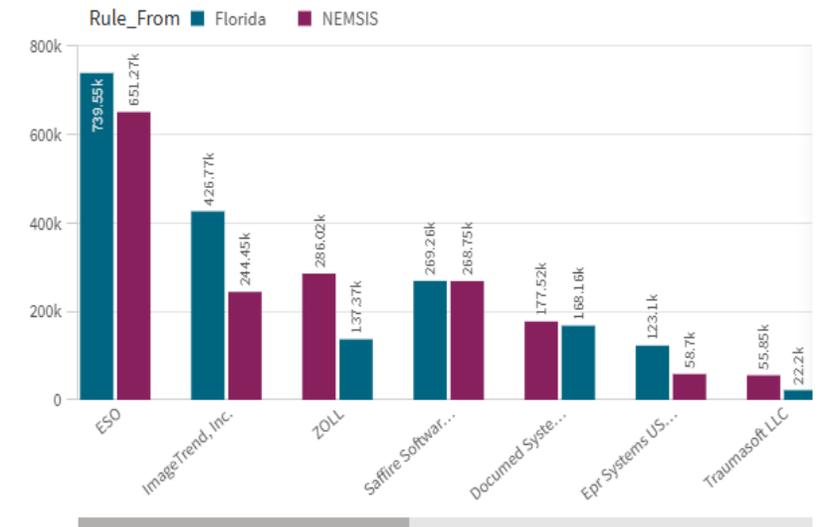
Number of Records per Warning and Type of Rule



Number of Warnings per Region



Number of Warnings per Software and Type of Rule



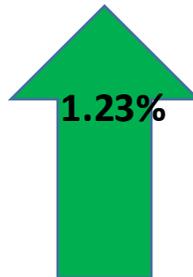
FY 25/26 Objectives



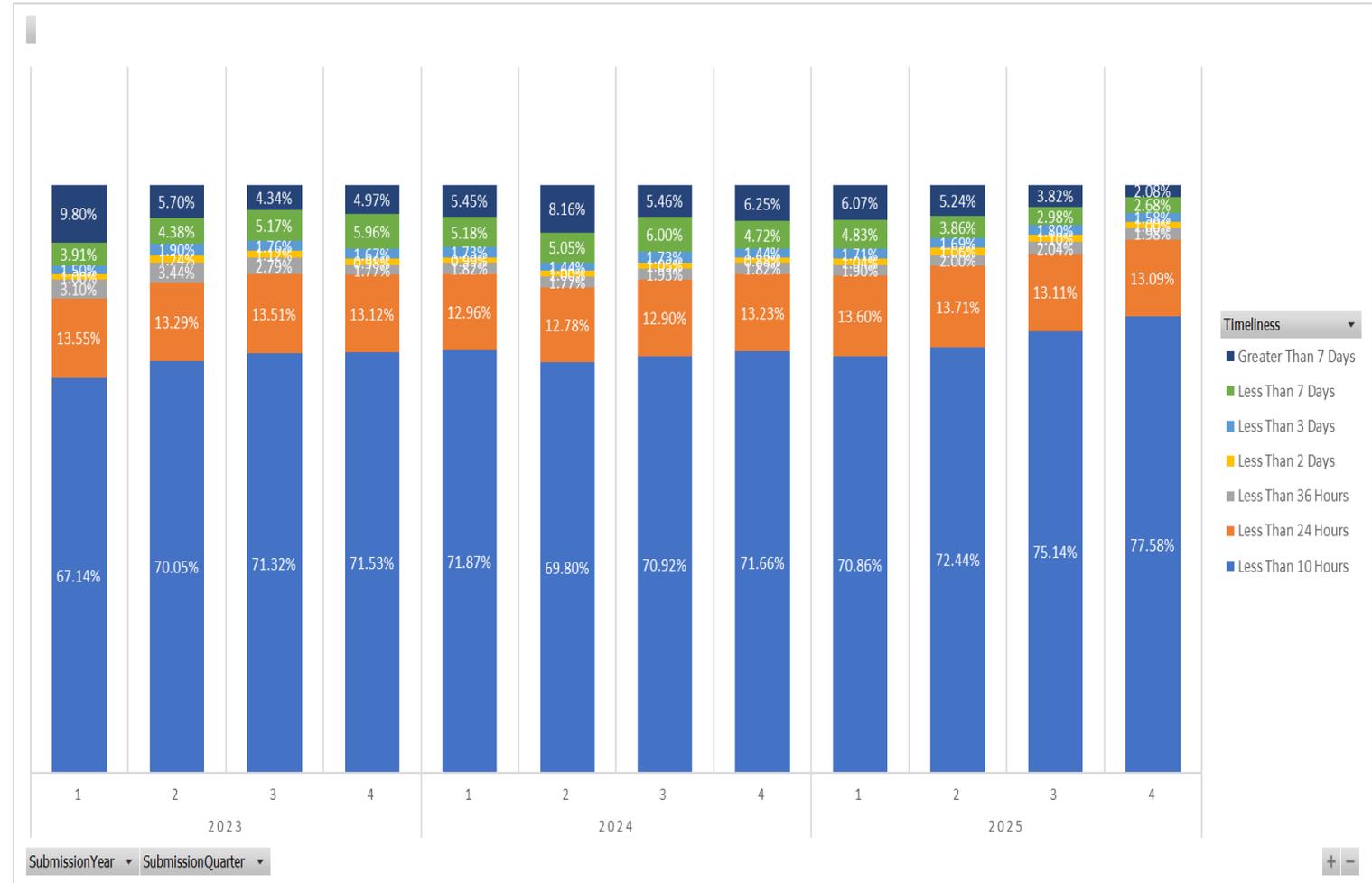
Timeliness

Increase % of V3 EMS emergency run reports received within 10 hours of the run to 96% by September 30, 2026

77.58%



90.67% within 24Hr



FY 25/26 Objectives



Timeliness

Increase % of agency **Demographic** records resubmissions received every 30 days to 50% by September 30, 2026

2/25 15.10%

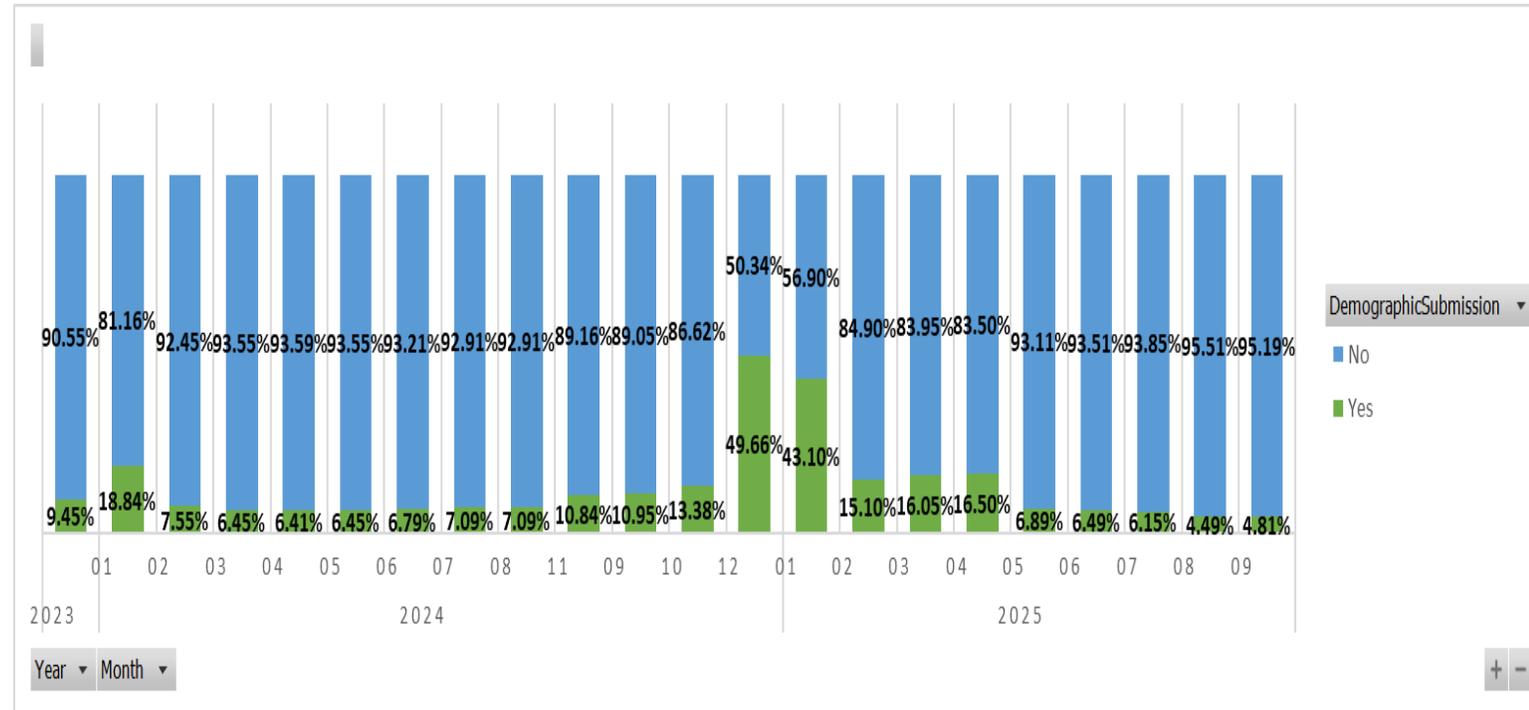
3/25 16.05%

4/25 16.50%

5/25 6.8%

9/25 4.5%

12/5 4.78



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

FY 25/26 Objectives



Integration

Link two additional data sources to the EMS state repository by September 30, 2026.

Current integrations within Biospatial

- ✓ Health Information Exchange
- ✓ Crash Records – *history in progress*
- ✓ ESSENSE Integration
- ✓ Trauma Data (no formal linkage)
- ✓ Florida Stroke Registry
- ✓ Cardiac Registry (CARES)

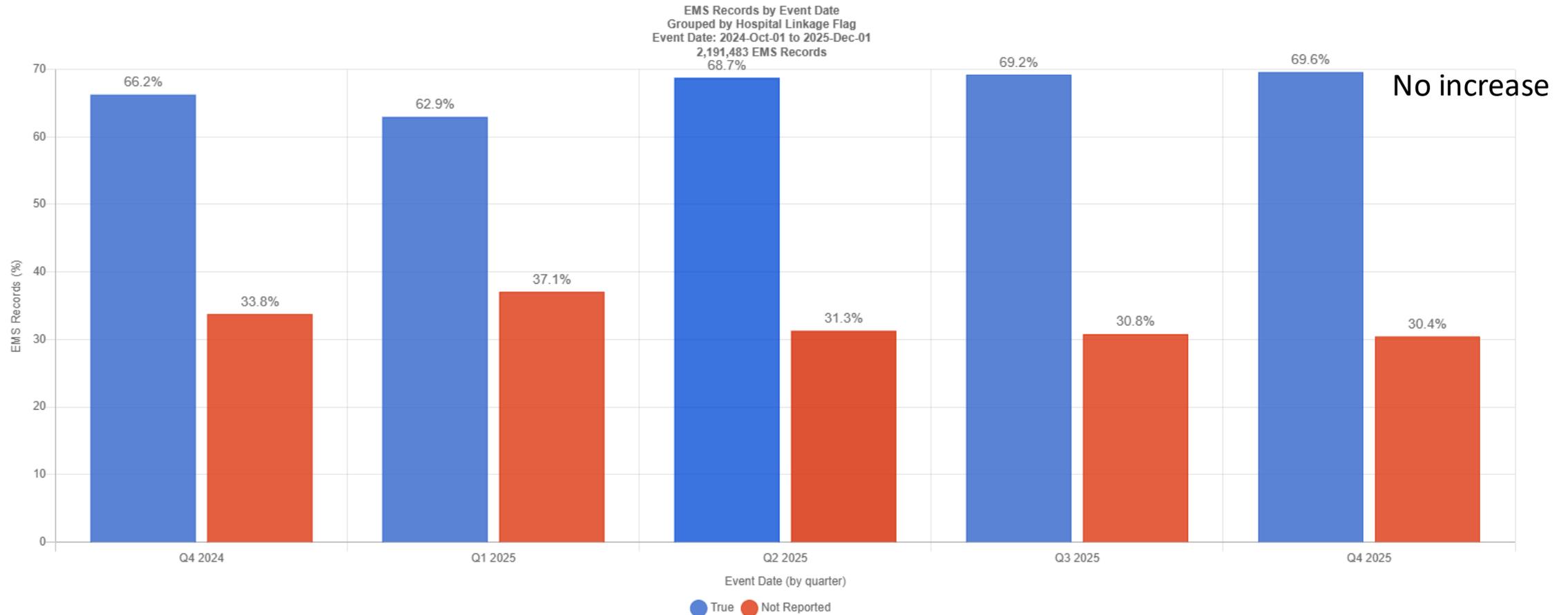
- Initial Meeting conducted to discuss integration of EMS event data with Signal Four



Florida HIE Linkage – 69.9%



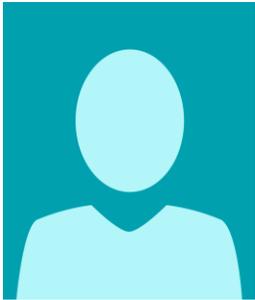
Integration



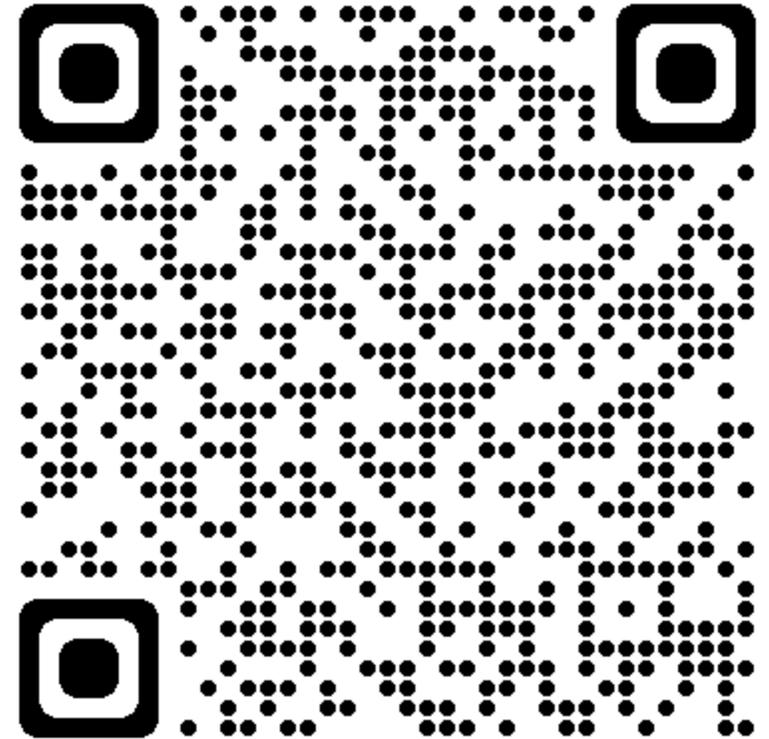
EMS Field Data Collection



We appreciate your continued support.



Brenda Clotfelter
Data Unit / Bureau of
Emergency Medical Oversight
727-424-4530
Brenda.clotfelter@flhealth.gov



www.floridaemstars.com



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

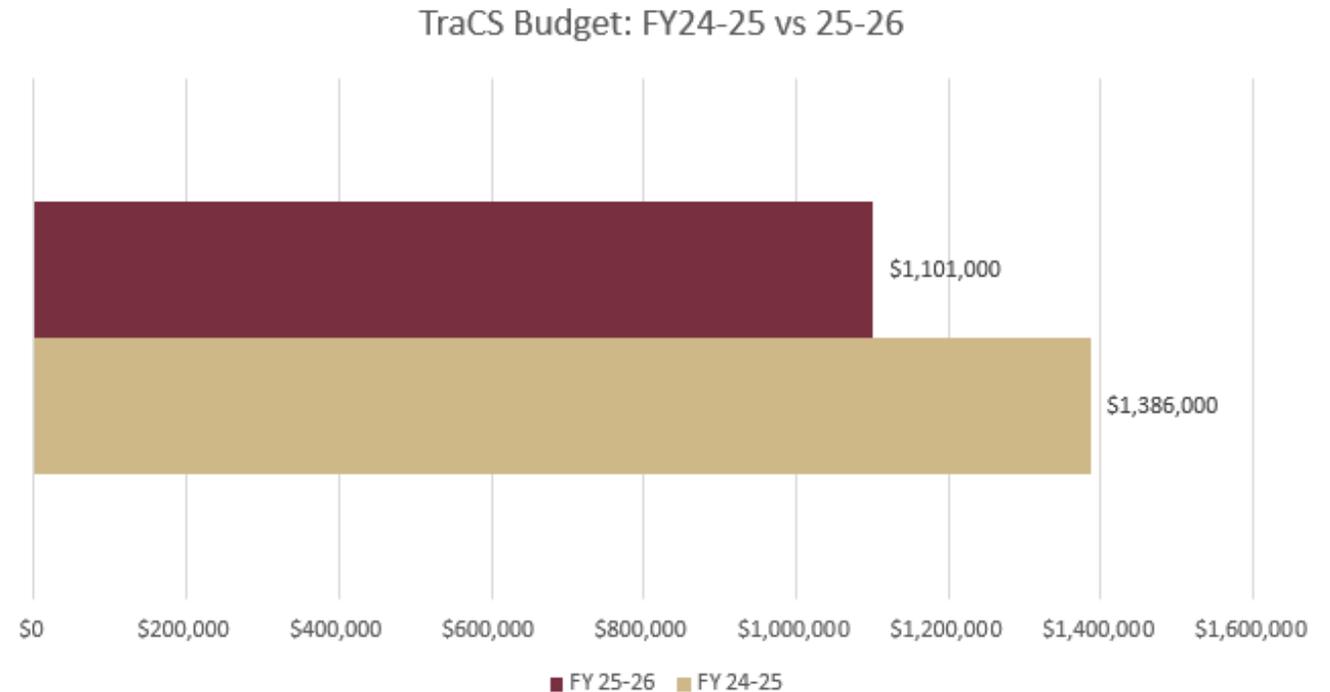
Florida State University

Traffic and Criminal Software (TraCS)

December 5, 2025

TraCS Budget Comparison

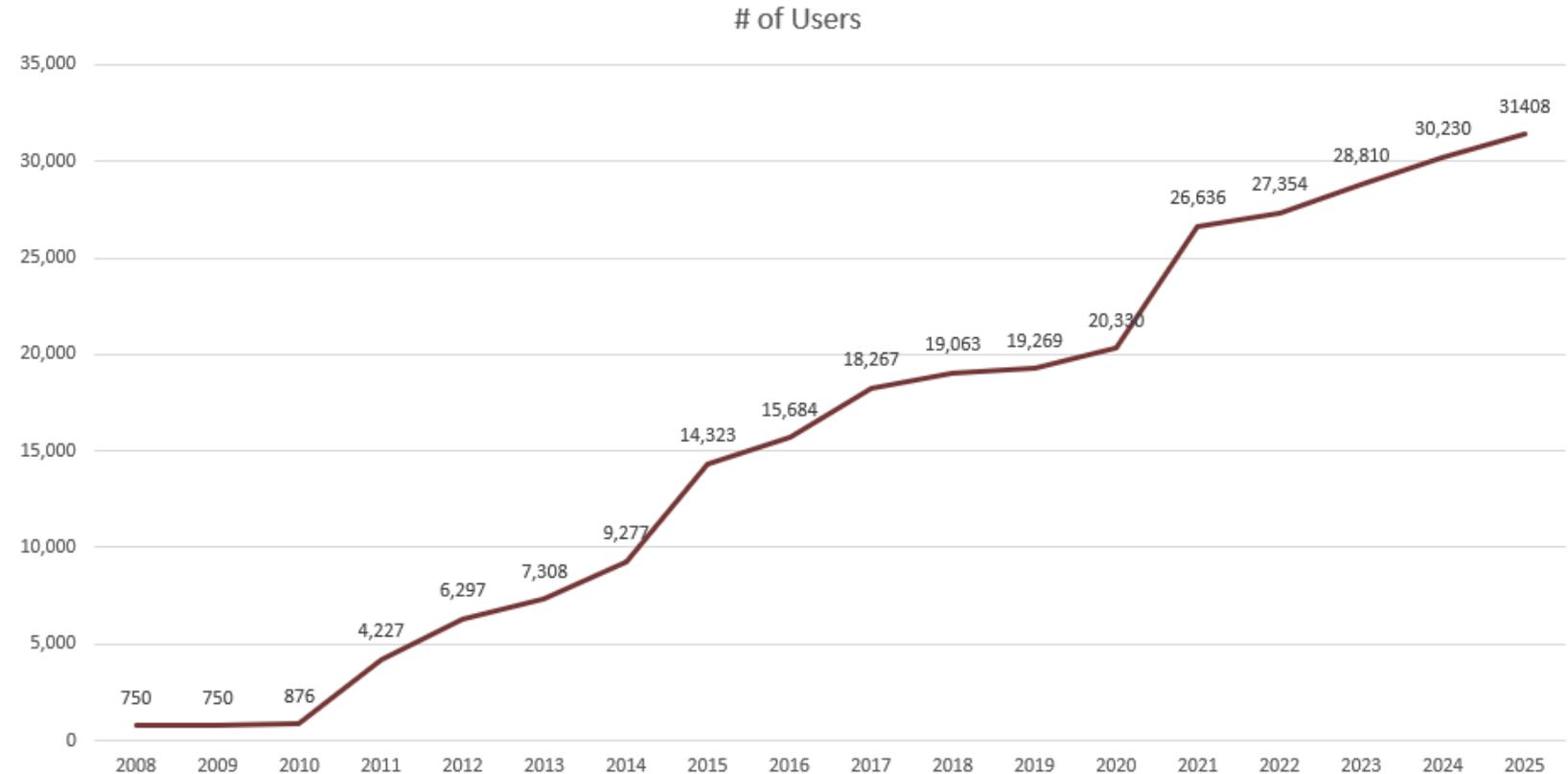
- FY 24-25
 - \$1,386,000
- FY 25-26
 - \$1,100,000
- Decrease: -\$286,000



TraCS Growth - Users

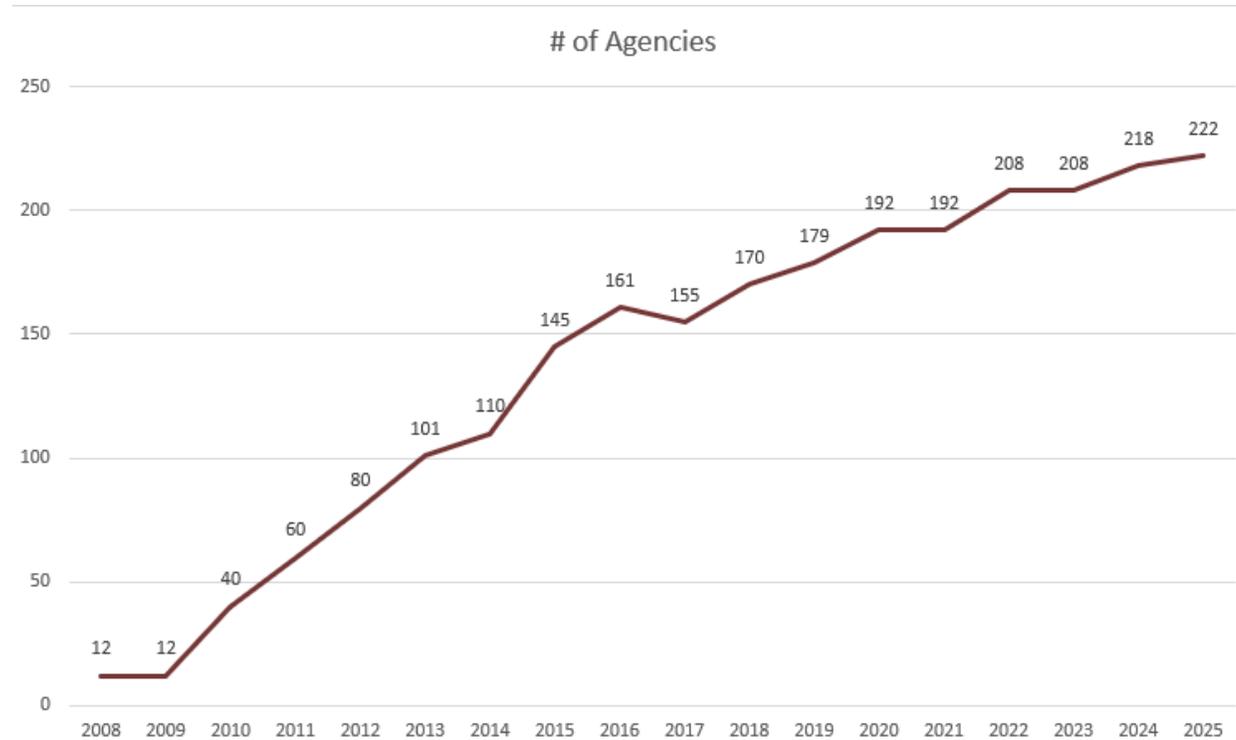
- Users

- 2008: 750
- 2025: **31,408**



TraCS Growth - Agencies

- Agencies
 - 2008: 12
 - 2025: **222**
- Ocala PD
 - Nov 2025



Objective: Accuracy

- To maintain the low number of load errors for crash reports submitted electronically to FLHSMV using TraCS at less than one percent.
- FY 24-25
 - Q4: 99.99%
 - Fiscal year average: 99.99%



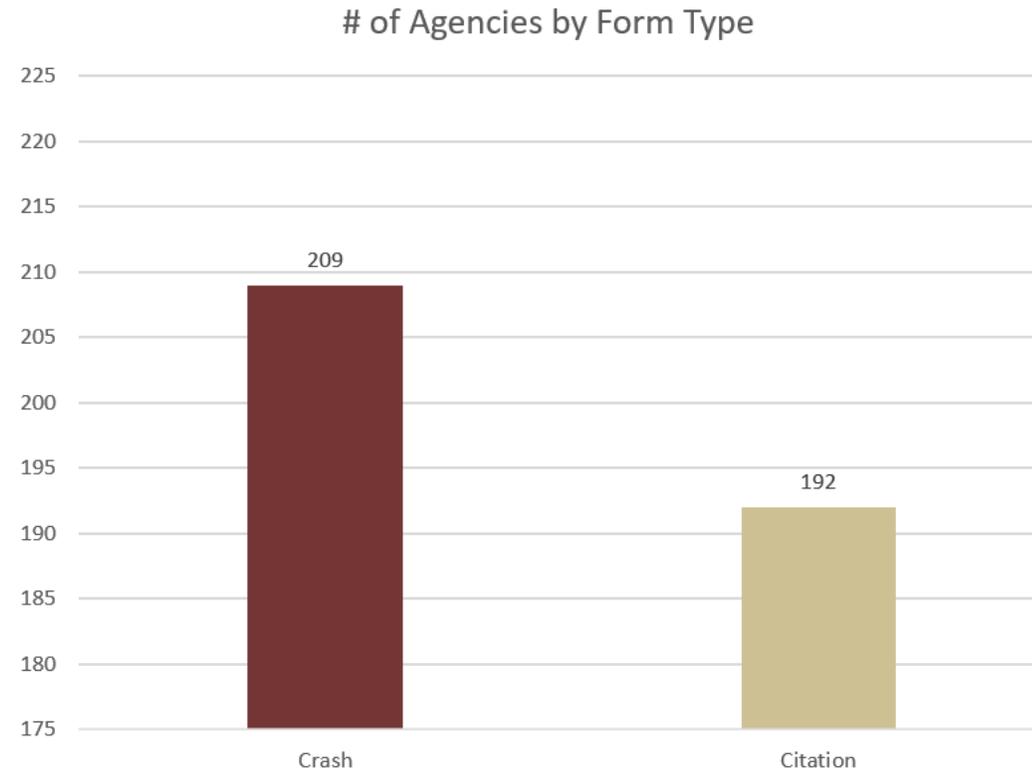
Objective: Completeness

- To maintain or increase the total percentage of statewide **crash reports** submitted electronically by agencies using the TraCS Florida software.
- FY 24-25
 - Q4: **71,257 (42%)**
 - Fiscal year total: **301,537 (43.5%)**



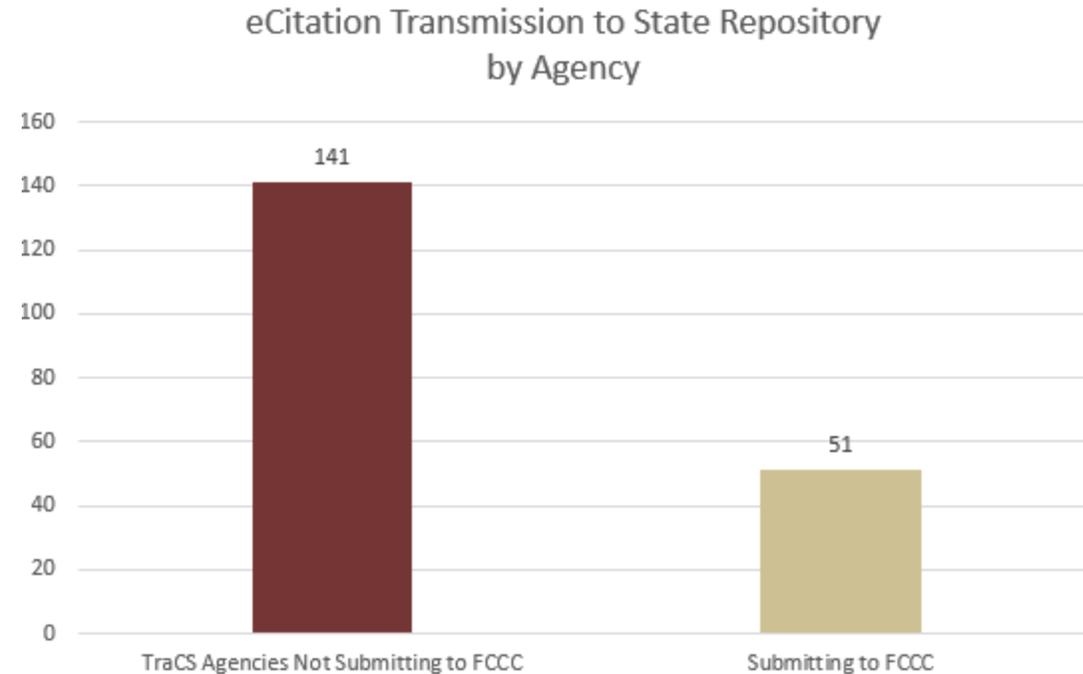
Objective: Uniformity

- To improve uniformity in data collection methods.
- FY 24-25
 - Q4:
 - Citation: 192
 - Crash: 209



Objective: Uniformity

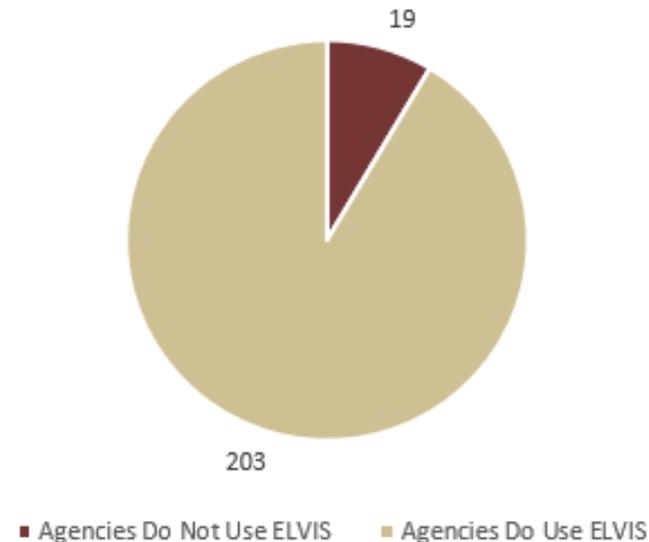
- To improve uniformity in data collection methods.
- FY 24-25
 - Alachua
 - Alachua PD, Santa Fe College PD
 - Bay
 - Bay County District Schools PD, Springfield PD, Parker PD
 - Nassau
 - FL State College at Jax PD
 - Franklin
 - Carrabelle PD
 - Martin
 - Jupiter Island PD, Martin County SO, Sewall's Point PD, Stuart PD
 - Pasco
 - Pasco County SO



Objective: Integration

- To maintain the number of agencies using FCIC/NCIC interfaces.
- FY 25-26
 - To date: **203** agencies use ELVIS with TraCS
 - To date: **100%** of agencies integrate with an FCIC/NCIC vendor with TraCS to import vehicle and license data

TraCS-ELVIS Integration Use



Objective: Integration

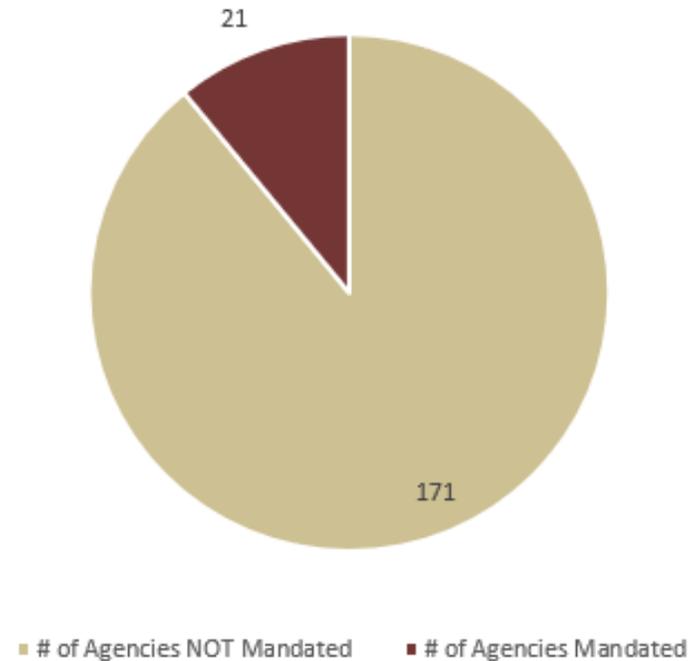
- To increase the number of TraCS agencies using the S4 location tool to plot accidents on the crash form.
- FY 24-25
 - Q4: 100%
 - Fiscal year average: 100%



Objective: Integration

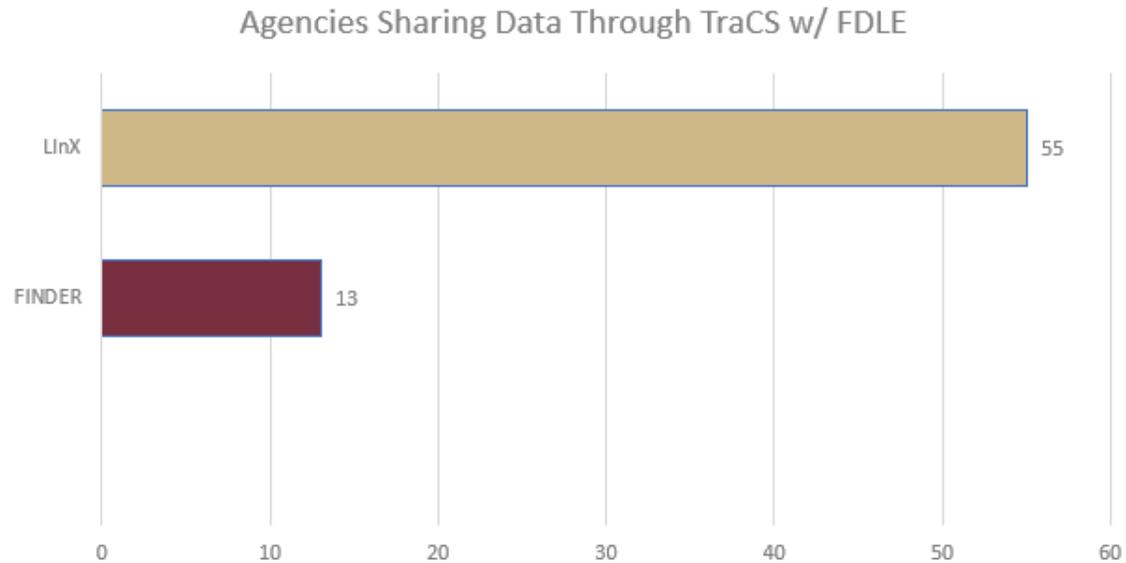
- To increase the number of TraCS agencies using a location tool on the citation form.
- FY 24-25
 - Q4: **11%**
 - Fiscal year average: **11%**

of Agencies Mandated to Use Signal 4 Location Tool on Citations



Objective: Integration

- FDLE Data sharing programs
 - FY 24-25
 - LInX (55)
 - FINDER (13)



Objective: Integration

- To increase the number of TraCS agencies using the S4 diagram tool on the crash form.
 - FY 24-25
 - Q4: 204
 - FY 25-26
 - To Date: 205 agencies using the Signal 4 Diagram Tool

98% of total agencies using crash use this tool for diagramming.



Objective: Accessibility

- To maintain a primary and secondary data hosting site
 - FY 24-25
 - Q4: Hosting data for **200** agencies at a primary site only
 - Primary data site migration to NWRDC
 - Completed by **9/30/2025**
 - FY 25-26
 - To date: Hosting data for **200** agencies at a primary site only
 - In progress: Secondary hosting site
 - Management control agreement with LEA in progress
 - Quote for equipment in progress



Objective: 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 FLHSMV.
- FY24-25
 - Q4: 5.9 days
 - Fiscal year average: 7.33 days



Support: FY 24-25

- Support
 - Onboard new agencies (12)
 - Continue support for existing agencies (>8,200 issue tracker tickets)
 - Continue training new support person
 - Produce more YouTube training videos (3)
 - Update Media Wiki page (324 updates)
 - Hold Webinars (1)
 - Migrate citation transmission jobs to submit to the eCitation repository (FCCC) (12)
 - Manage exports of data to respective repositories (>1,100)



Support: New Agencies – FY 24-25

Agency Name	Go Live Date
Pasco SO	10/1/2024
Duval County Schools PD	10/14/2024
Ponce Inlet PD	11/18/2024
Florida Gulf Coast Univ PD	12/1/2024
Flagler County SO	12/16/2024
Cape Coral PD	1/21/2025
Davie PD	2/25/2025
NW FL State College PD	4/1/2025
Springfield PD	4/8/2025
Parker PD	5/27/2025
Key West PD	6/9/2025
Surfside PD	7/30/2025



Development: FY 24-25

- Development
 - Expedite any state form changes
 - Approved by FLHSMV for new UTC revision (May 2025)
 - Released FLHSMV updates to Appendix C (April 2025, September 2025)
 - Continued building an electronic signature interface for violators
 - Maintained/improved interfaces (location tool, diagram tool)
 - Maintained existing and develop new interfaces for FCIC/NCIC vendors (1 new)
 - Maintained/improved web-based analysis reports (location tool usage, diagram tool usage)
 - Continue to provide patches and upgrades to the TraCS software



Development: FY 25-26

- Development
 - Expedite any state form changes
 - Released new **Implied Consent** form changes to remain in compliance with FSS 316.1932 (**October 2025**)
 - Released new FLHSMV **Refusal to Submit** form to remain in compliance with FSS 316.1939 (**October 2025**)
 - Released FLHSMV updates to **Appendix C** (**October 2025**)
 - In progress - go live in production w/ submitting arrest data to FDLE (**2 agencies**)



Development: FY 25-26

- 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
- Test single sign on w/ new baseline version 21



Thank you for your continued support!

Amy Pontillo

Systems Architect

amyp@tracsflorida.org

850-509-2381



FAMU-FSU
Engineering



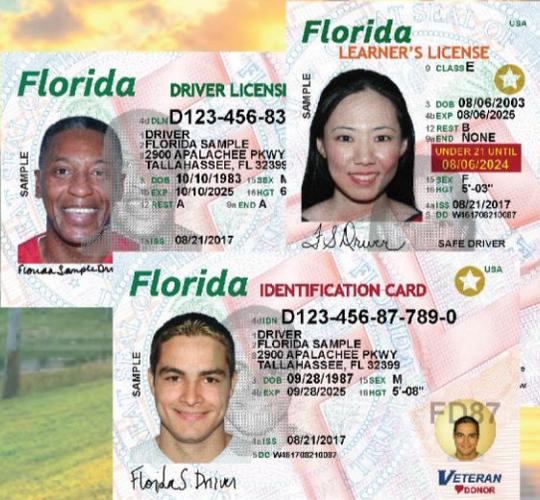
CRASH AND UNIFORM TRAFFIC CITATION (UTC) DATA IMPROVEMENT

Florida Department of Highway Safety and Motor Vehicles



FLHSMV

FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



FLORIDA
ARRIVE ALIVE
BUCKLE UP



FFY 2026: Q1 Crash & UTC Data Improvement Grant Melissa Gonzalez, Operations & Management Consultant Manager

FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



Crash Objective 1

Create a work plan to construct a methodology to automate and generate the crash sample-based audit.

Activity	Benefits
<ul style="list-style-type: none">• Reviewed FY22 construction of manual sample-based audit• Reviewed crash database validation/& edit check procedures• Updated validation/& edit checks spreadsheet to assist coordination w/e-crash vendors <p>Next steps:</p> <ul style="list-style-type: none">• Complete internal technical doc of validation/& edit checks• Examine S4/FLHSMV full synch queries• Finalize workplan outline/framework	<ul style="list-style-type: none">• Develop sample audit foundation to include process flow and requirements• Expose or ease suspected data quality discrepancies to recommend possible software/technical solutions & identify training opportunities• Ensure reporting consistency between LEA and FLHSMV crash systems• Improve communication w/e-crash vendors

Crash Objective 2

Develop additional performance metrics within the sample-based audit that evaluate data quality to improve federal reporting and safety analysis.

In progress- construction of process flow charts related to Crash Closeout and FARS federal reporting requirements

Outcome- guidance on when to run sample audit and what elements to audit

- Held internal meetings w/FARS supervisor to doc the federal fatal closeout process and supplemental data resources not available in crash data
- Met w USF CUTR & TraCS to review USF e-bike & e-scooter research observations and identify collection improvements
 - FLHSMV collection guidance implemented in TraCS as of Nov. 2025

Next steps

- Identify best approach to incorporate elements related to traffic safety coalition analysis needs
- Document state side crash closeout process

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

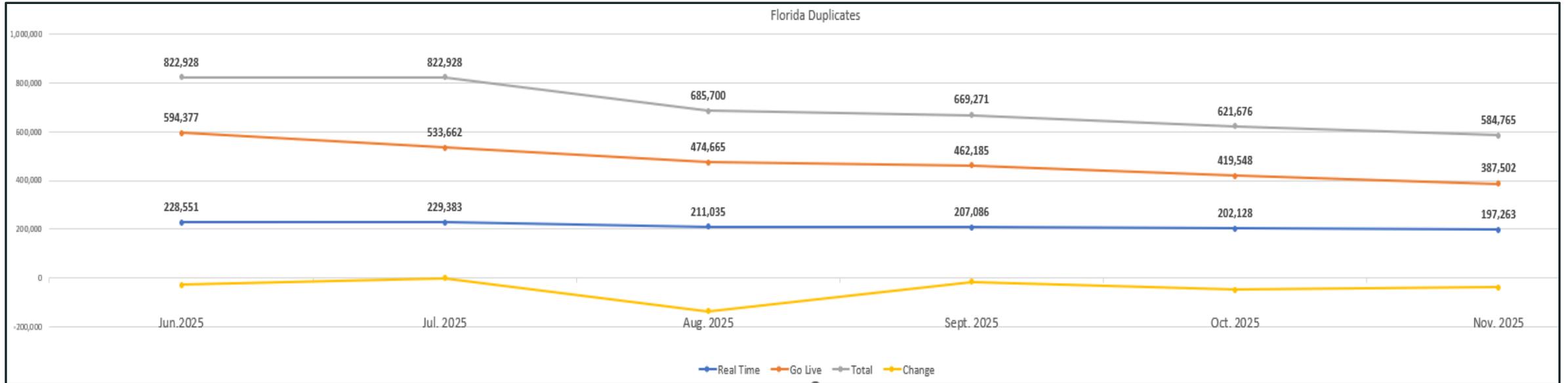
UTC Objective 3

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

Resolved Duplicates	
Quarter / Month	Total Duplicates Resolved
Q1: Oct 2025	7,396
Q1: Nov 2025	4,878
Q1: Dec 2025	
Q2: Jan 2026	
Q2: Feb 2026	
Q2: March 2026	
Q3: April 2026	
Q3: May 2026	
Q3: June 2026	
Q4: July 2026	
Q4: August 2026	
Q4: Sept 2026	
Grand Total	12,274

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 onboard to S2S

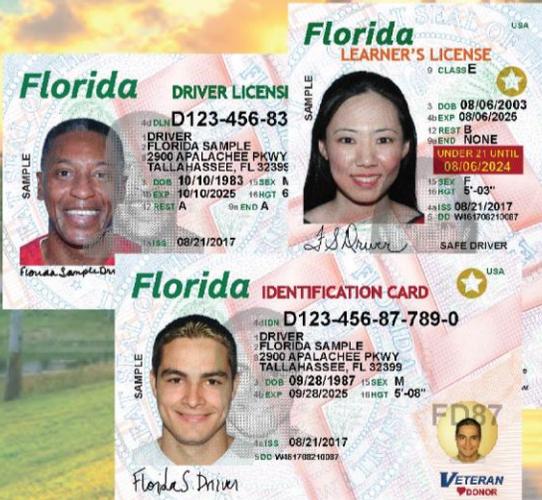
Duplicate Stats: June 2025 - Nov. 30, 2025



Go Live (orange): FL + new states onboarding = 387,502

Real Time (blue): present customer DL issuance = 197,263

Grand Total as of 12/2/25 (gray) = 584,765



"FLORIDA"
ARRIVE ALIVE
"BUCKLE UP"

FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



FFY 2026 Crash & UTC Data Improvement Grant

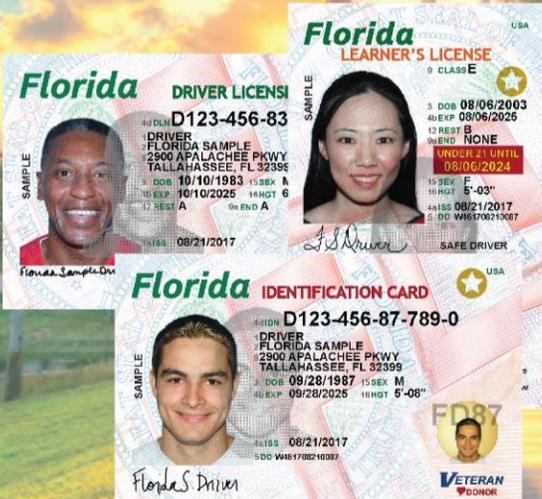


DRIVER AND VEHICLE DATA QUALITY IMPROVEMENT

Florida Department of Highway Safety and Motor Vehicles



FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



"FLORIDA"
ARRIVE ALIVE
"BUCKLE UP"



FFY 2026 Driver and Vehicle Data Quality Improvement Grant

FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



Grant Objectives



Create a project plan to implement project goals for the driver and vehicle data systems.



Develop performance measure(s), including baseline measurements, and establish numeric goals to evaluate performance for the:

- Driver records system
- Vehicle records system



Identify recommendations for ongoing monitoring and evaluation of data quality for the driver and vehicle systems.

Driver Data

Insurance Coverage Compliance

- Does a driver with a previous DUI conviction meet insurance obligations?
- **Florida Statutes:** Florida law requires additional insurance coverage levels for DUI convictions
- **Proposed Measures** – Integration
 - Do Motor Vehicle insurance tables integrate with Driver History Record tables to track insurance coverage compliance
- **Status:** Exploring

Vehicle Data

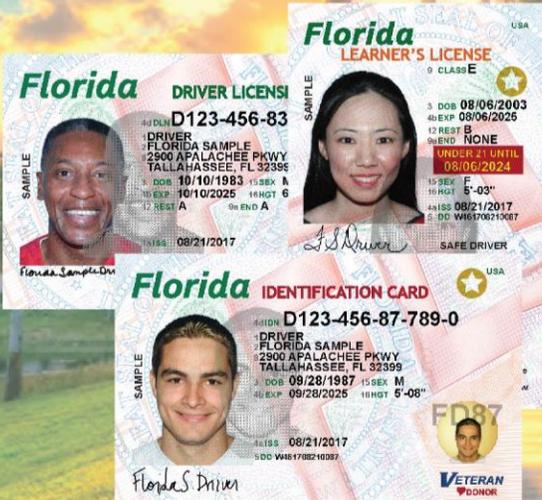
AAMVA D20 Vehicle Data Uniformity

Provides standard terminology and coding instructions

- **Uniformity** – Percent of AAMVA D20 Vehicle Data Elements present in FLHSMV Vehicle Data system
 - **Status:** Validating database elements
 - **Importance:** Efficient Data Sharing

Business Name Accuracy

- **Accuracy** – Percent of FL business names in our vehicle records (title/registration) that match the SunBiz directory
 - **Status:** Retrieved list of all active and inactive businesses from department of state. Awaiting analysis



FLORIDA
ARRIVE ALIVE
BUCKLE UP

FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



Questions?

Contact: dennismajano@flhsmv.gov



ELECTRONIC LICENSE AND VEHICLE INFORMATION SYSTEM (ELVIS)

Florida State University

ELVIS

Electronic License and Vehicle
Information System

www.elvisflorida.org

ELVIS TRCC UPDATE December 5, 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

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
GALINDO-CLINE ONE PAO LICENSE

License Number
L-252-294-61-501-0

Status	State	
VALID LICE	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
- Terryon Larkins, Support/Development

December 2025 Statistics

Current ELVIS Usage

- 297 Agencies (+1 agency since June)
- 43,306 user accounts (+1,064 since June)
- 5,487,698 queries run this fiscal year
- Nearly 2.1M queries per month
 - Decrease of ~200,000 over September numbers
 - More than 2 full days of downtime Nov 19-21 related to old hardware

FY25-26

- **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
 - USA Software (New)
 - 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**

- Added 1 new agency since September meeting
 - Tequesta PD, Sea Ranch Lakes PD, and Broward County Schools PD are in the process of coming onboard
- 1,064 new user accounts
- Total of 26,130 active user accounts
- Evaluating future hardware requirements based on continuing increase in usage and current limitations
- Average FY up-time is 99.78% averaged over the current fiscal year (as of last month's report)
 - Expected to go down next quarter due to downtime

- **Upcoming Changes**

- Continuing UI Improvements
- Upgrade from Copper to Fiber Connections
- CJIS-Required Changes to Grid Cards (Single Use)
- Peregrine Technologies Integration
- ELVIS 2.0
 - Includes major UI overhaul
 - Additional security features and user management
 - Will be designed to handle higher query volume

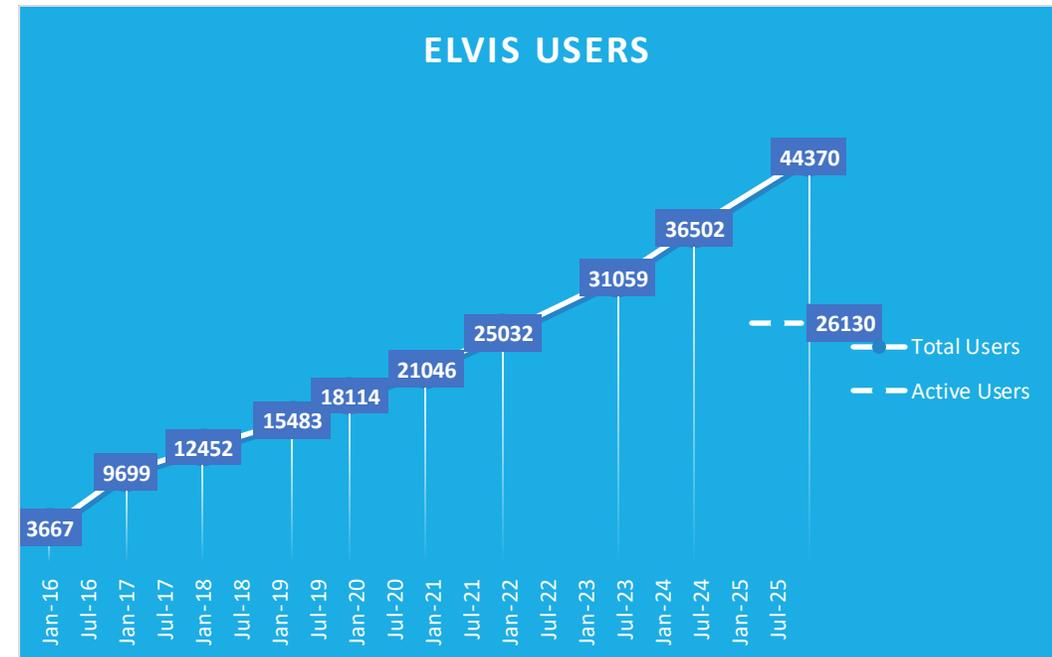
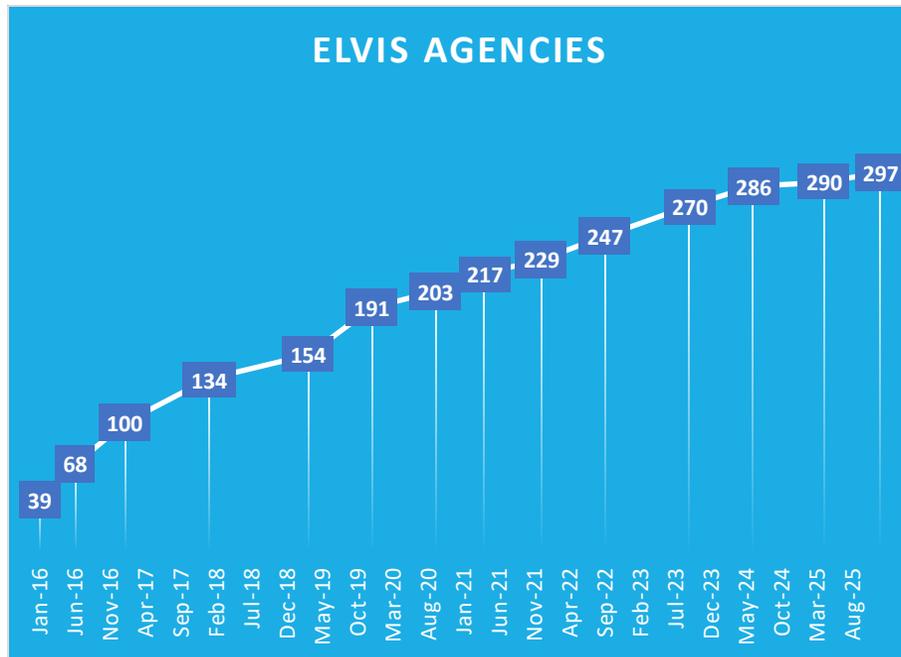
ELVIS Usage over time, 2016-Present

Law Enforcement Agencies

- 1/2016: 39
- 12/2025: 297

User Accounts

- 1/2016: 3,667
- 12/2025: 44,370 (26,130 Active)



ELVIS Cost per User

FY25-26 Total Funding: \$561,00

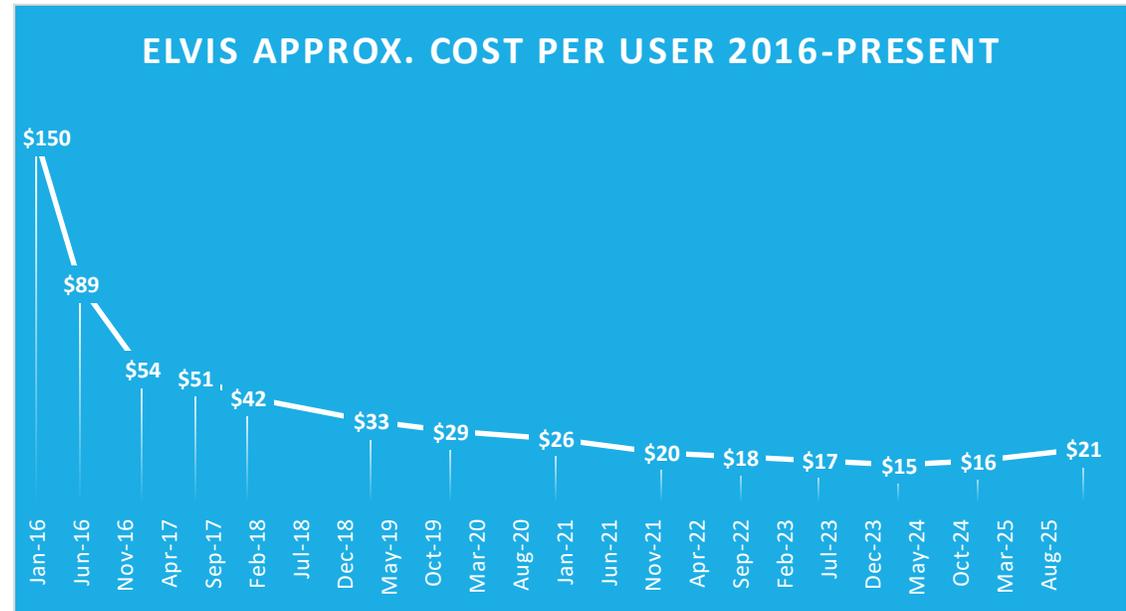
As of 12/4/2025:

Total Users: 43,306

Active Users: 26,130

Avg. Cost per Active User per Year: \$21.47

(Formula changed Dec 2025 to calculate cost based on Active Users instead of Total Users)



Thank You

QUESTIONS?



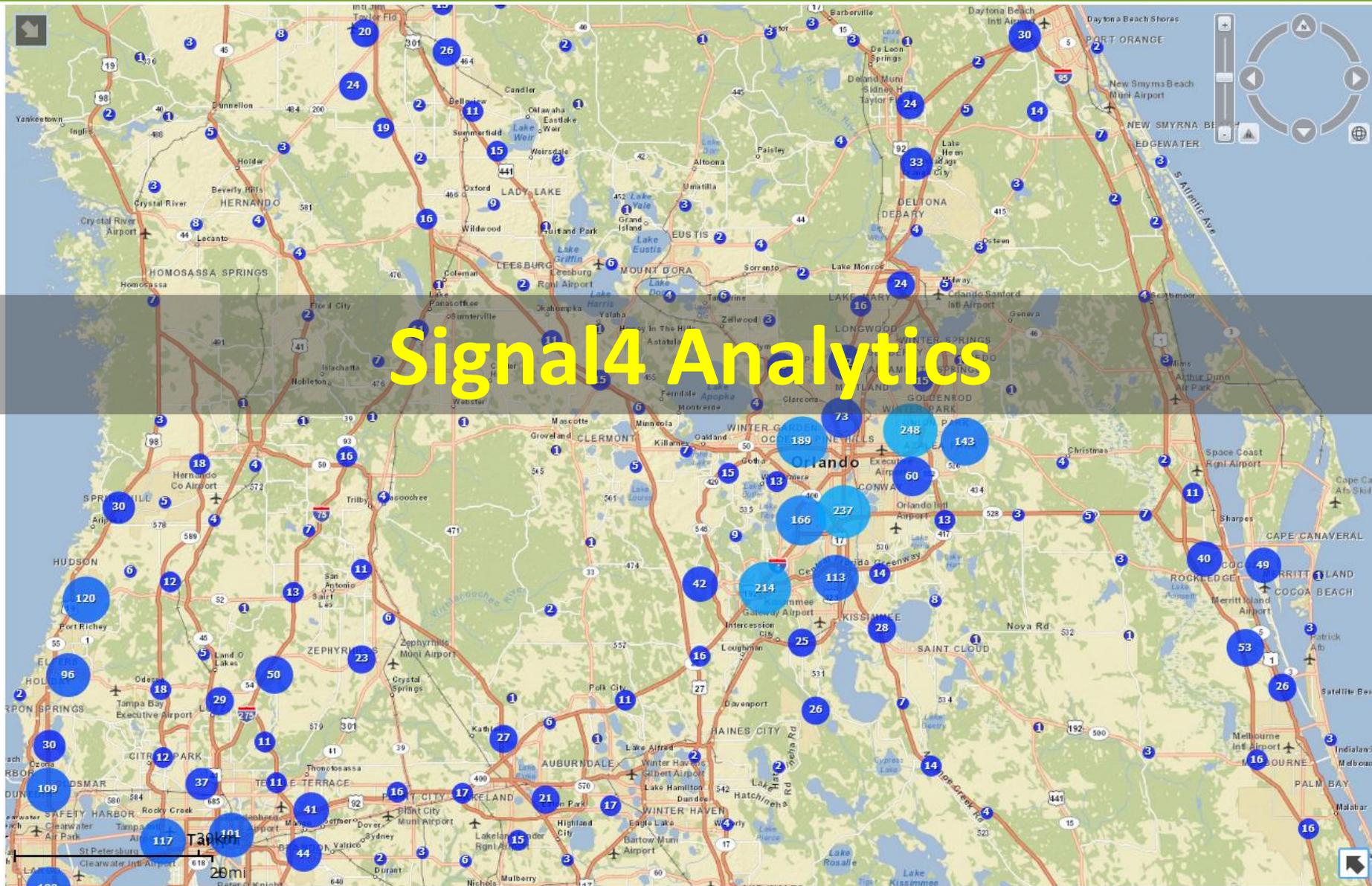
EXPANDING ACCESSIBILITY, UTILIZATION, AND DATA INTEGRATION OF SIGNAL FOUR ANALYTICS

University of Florida



Projects

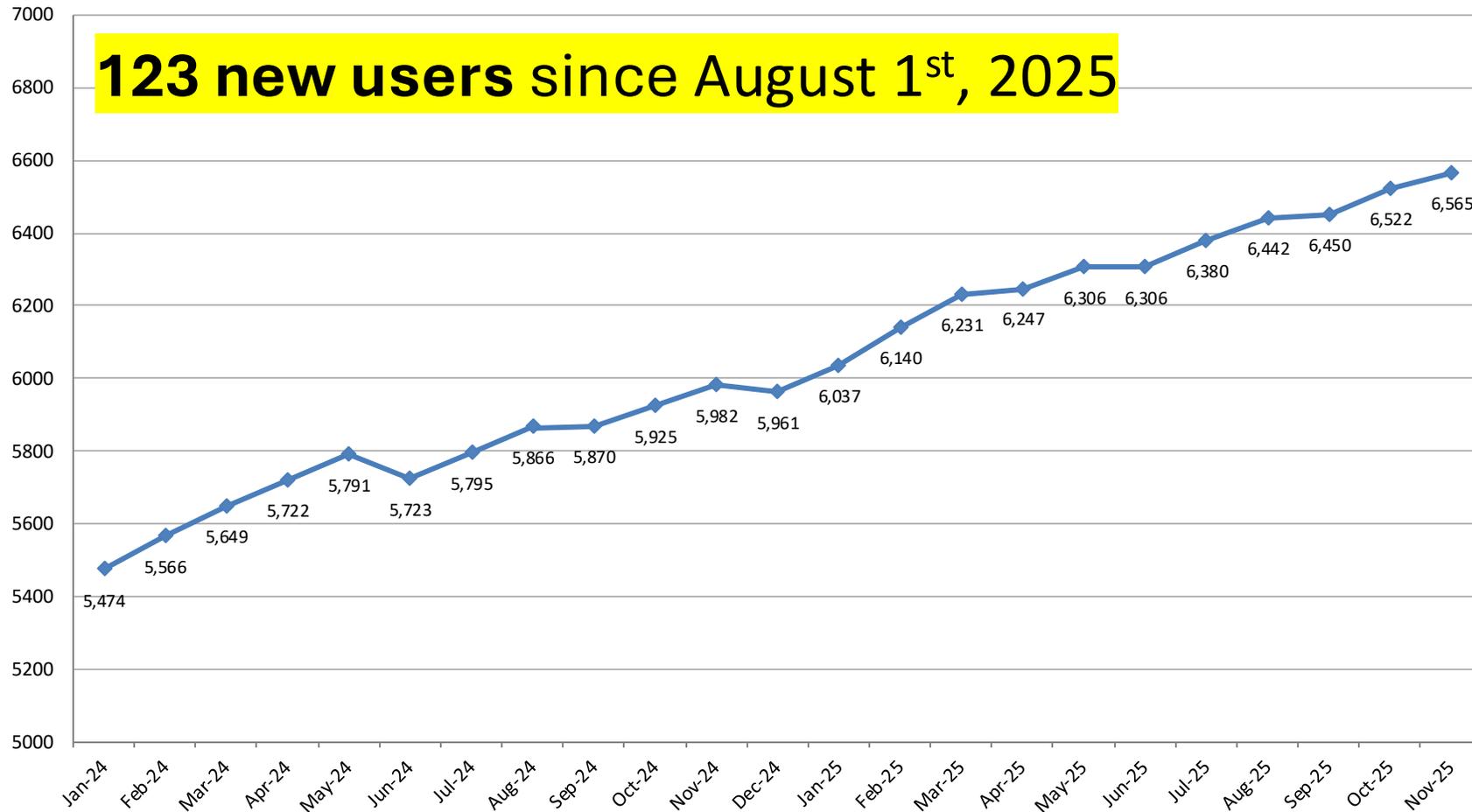
- **Signal4 Analytics** (Expanding Accessibility, Utilization, and Data Integration of Signal4 Analytics)
- **Signal4 Geolocation & Diagram** (Geolocation and Crash Diagramming to Improve Crash Data Location, Timeliness, and Quality)



Objectives

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

User Growth



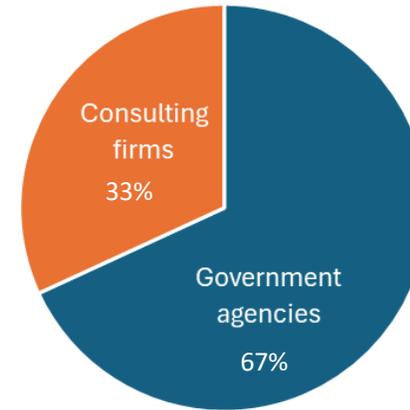
Agencies & Firms Growth



Agencies and Users to Date

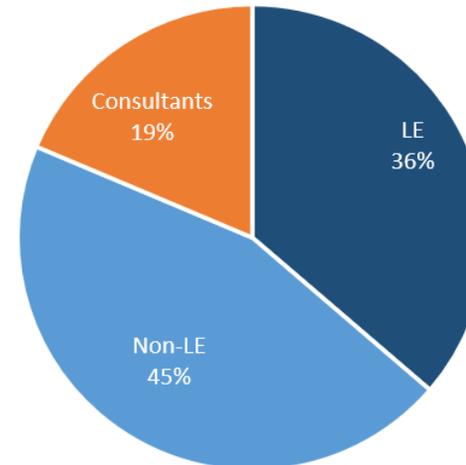
Agencies and firms: **1,235**

- Government agencies: **827**
- Consulting firms: **408**

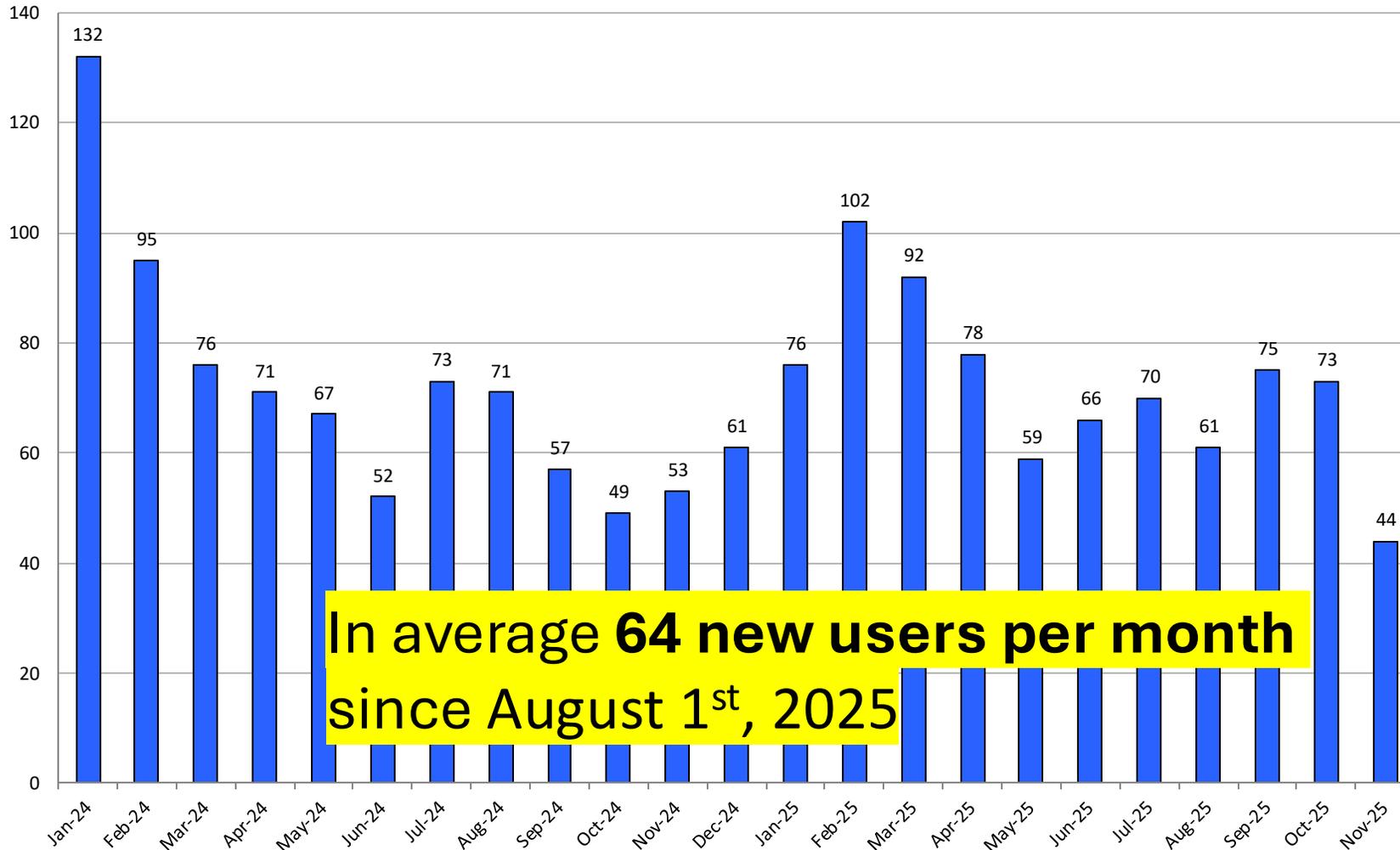


Users: **6,565**

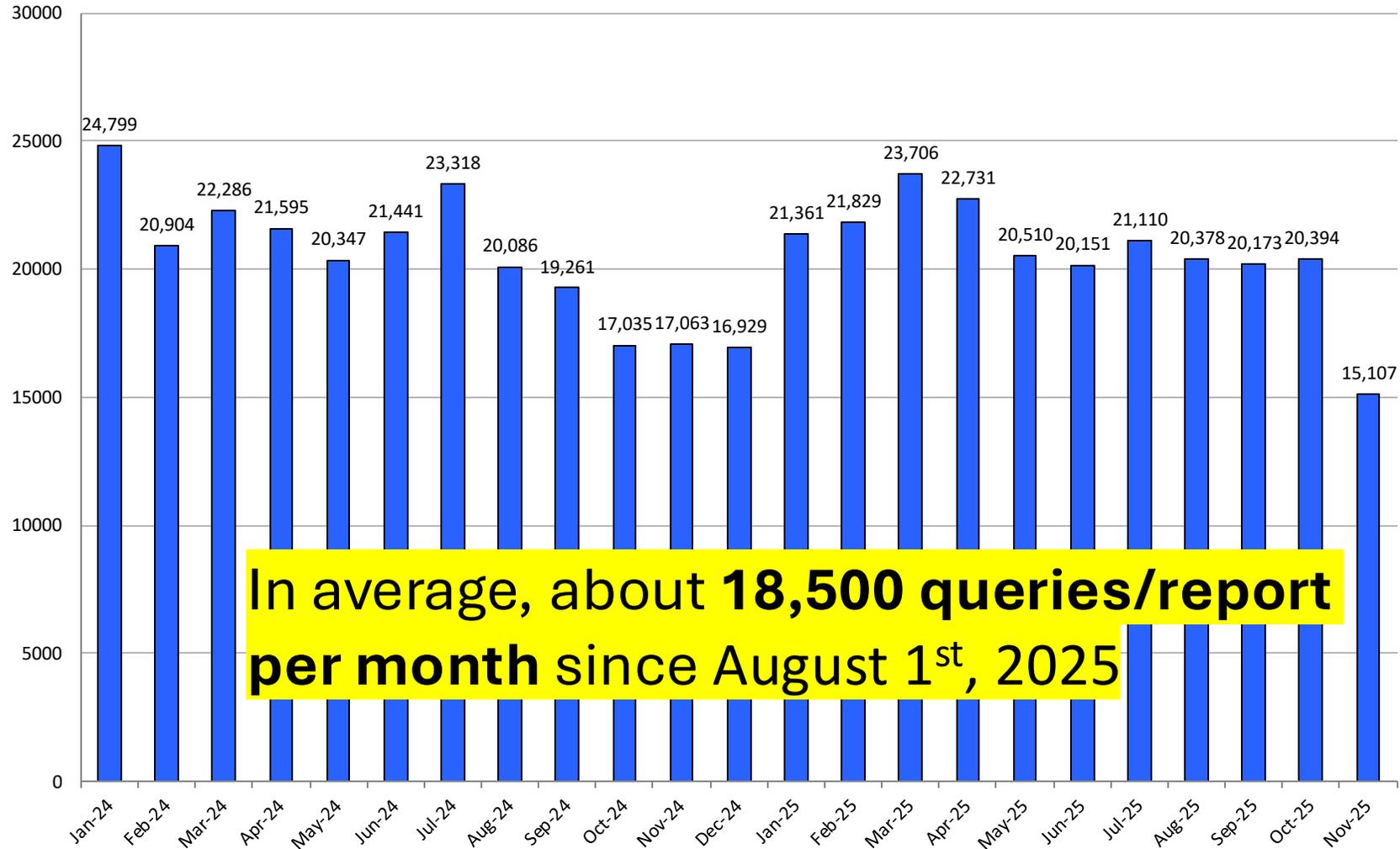
- LE: **2,331**
- Gov. non-LE: **2,987**
- Consultants: **1,247**



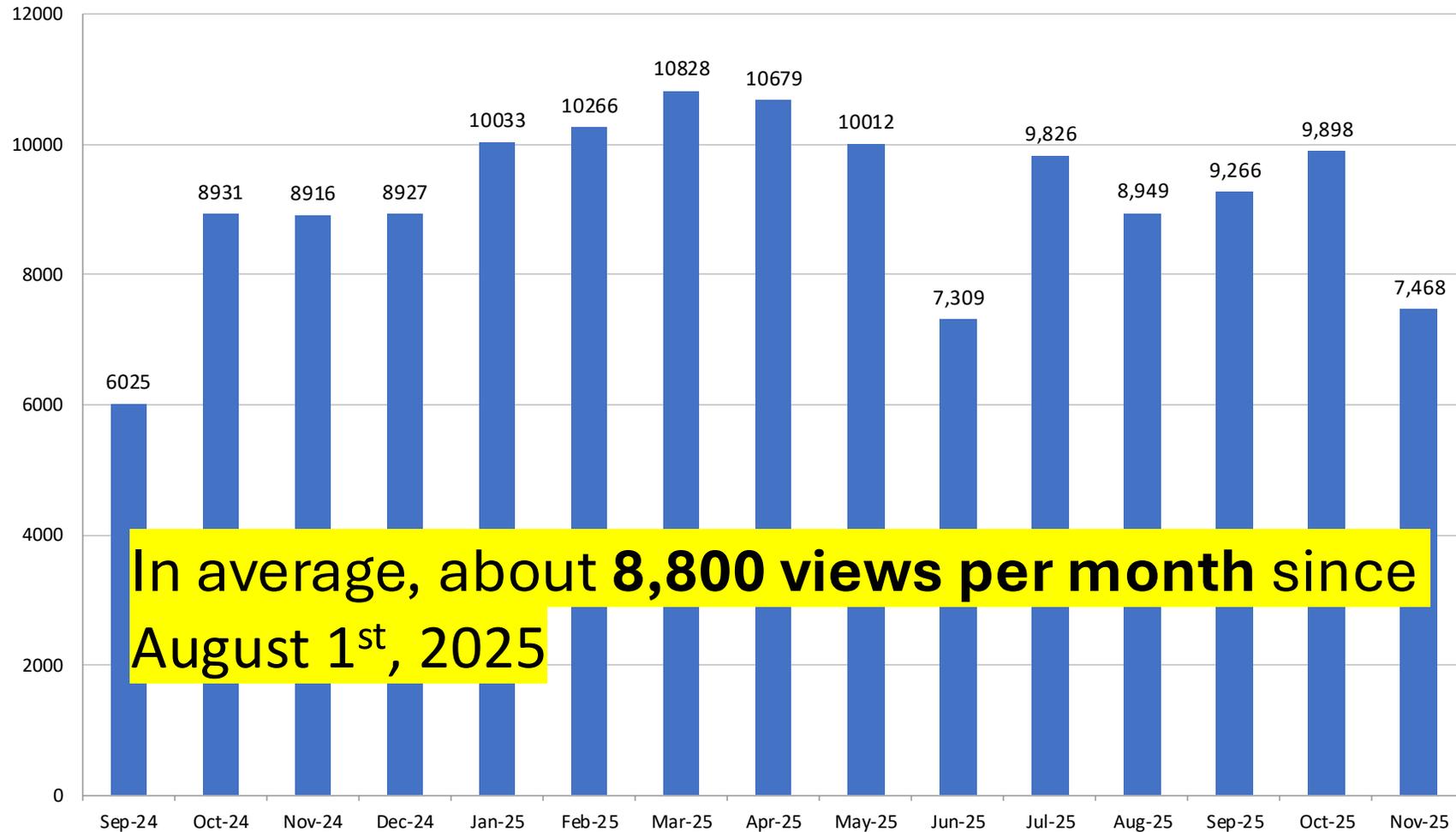
New Users By Month



Queries/Reports by Month



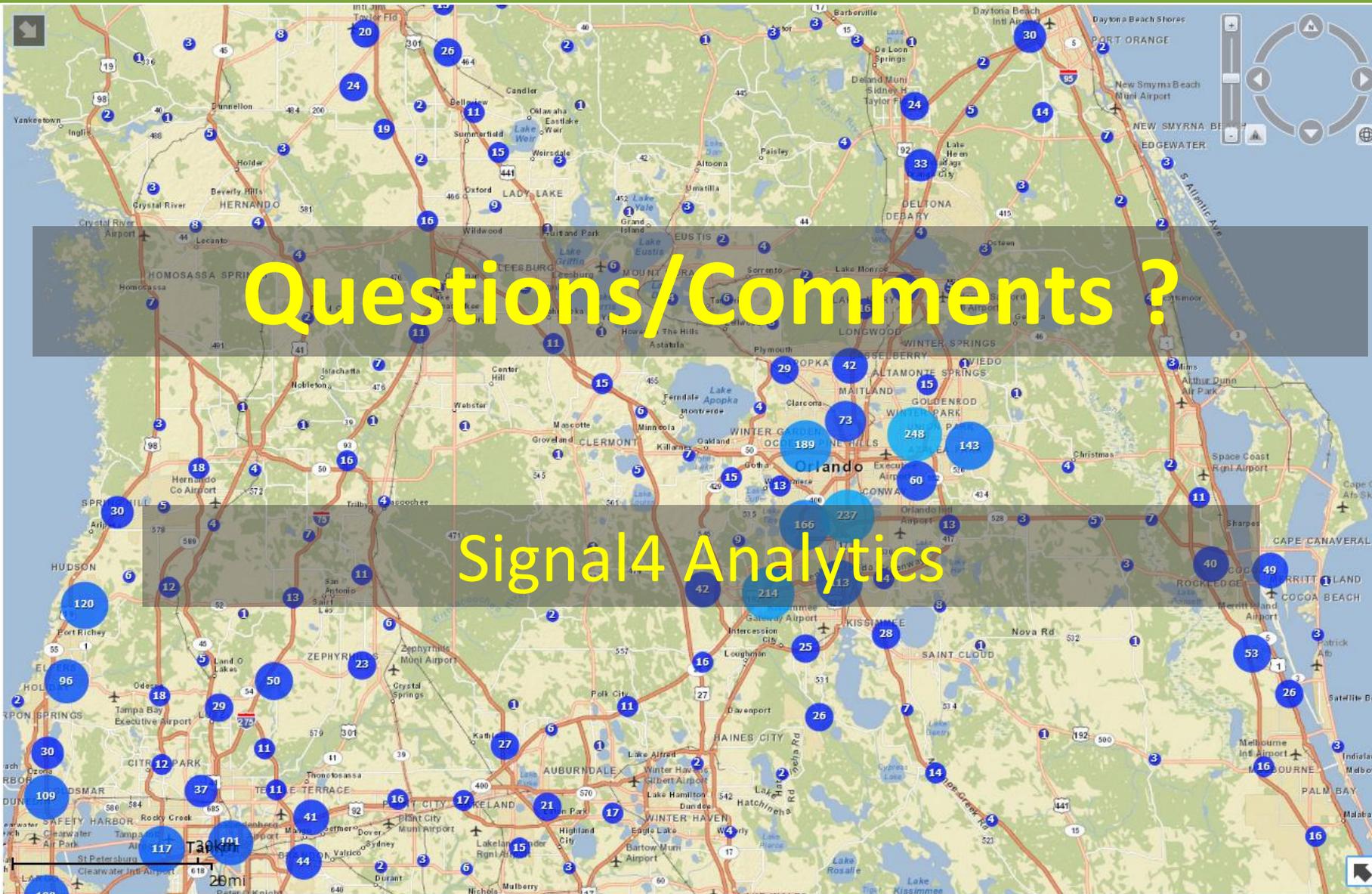
Public Dashboard Pageviews by Month



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

Main Activities

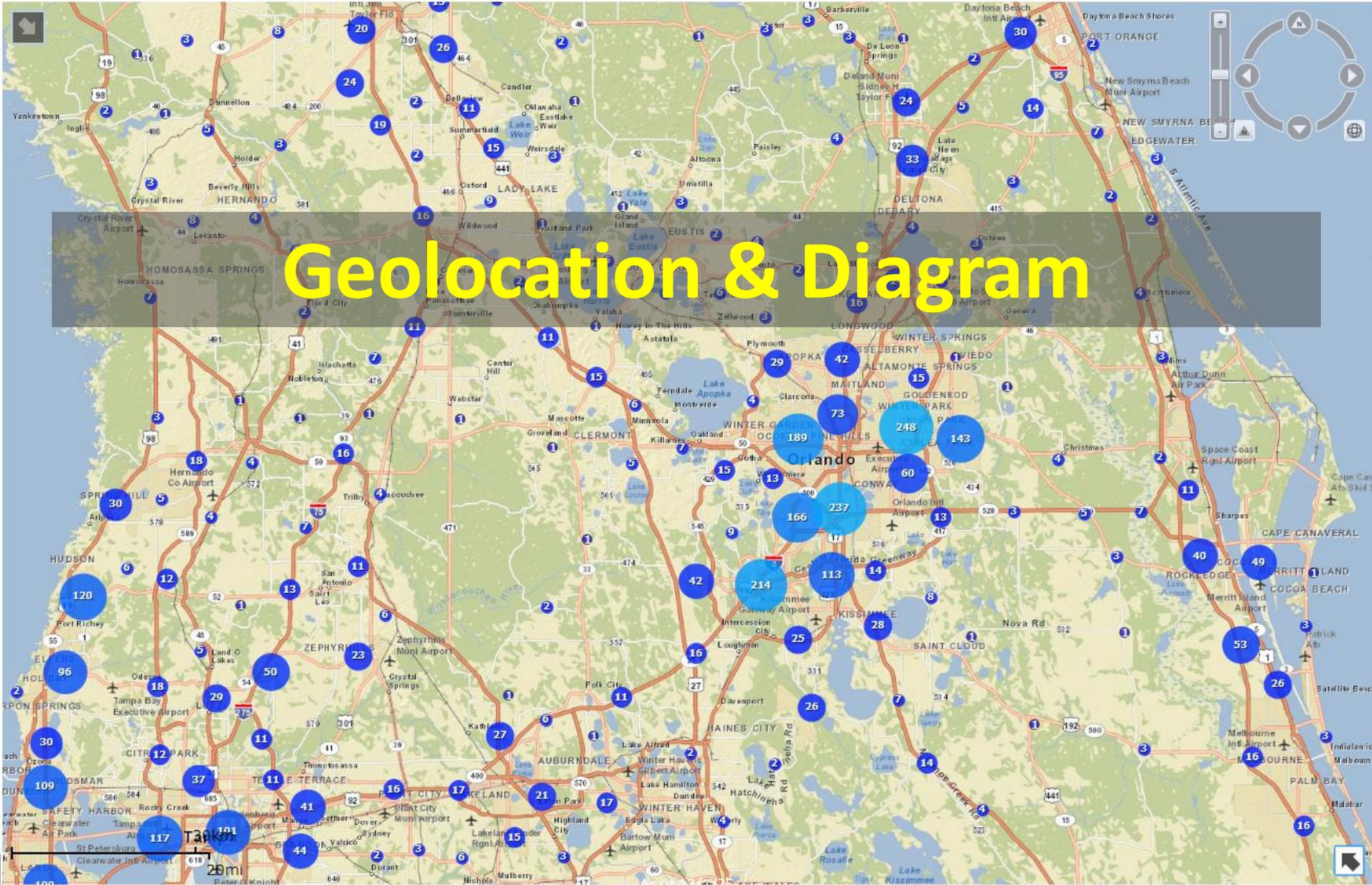
- Daily loading, monitoring and support
- Updating GIS basemap
- Updating map service
- Updating batch geocoding
- Updating saved queries
- Added search by citation numbers – currently under testing





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

University of Florida



Objectives

- Improve the overall **accuracy, consistency** and **integrity** of crash reports statewide
- Link **crashes** and **citations** to the FDOT **roadway** information
- Addresses all **6 NHTSA's** crash location **data quality attributes**: timeliness, accuracy, completeness, uniformity, integration, accessibility

Other Benefits

- Save time, reduce burden and improve reporting efficiency
- Help **agencies** – less IT need, no installation, no cost
- Help **e-crash / e-citation vendors** in the long run

Active E-Crash Systems

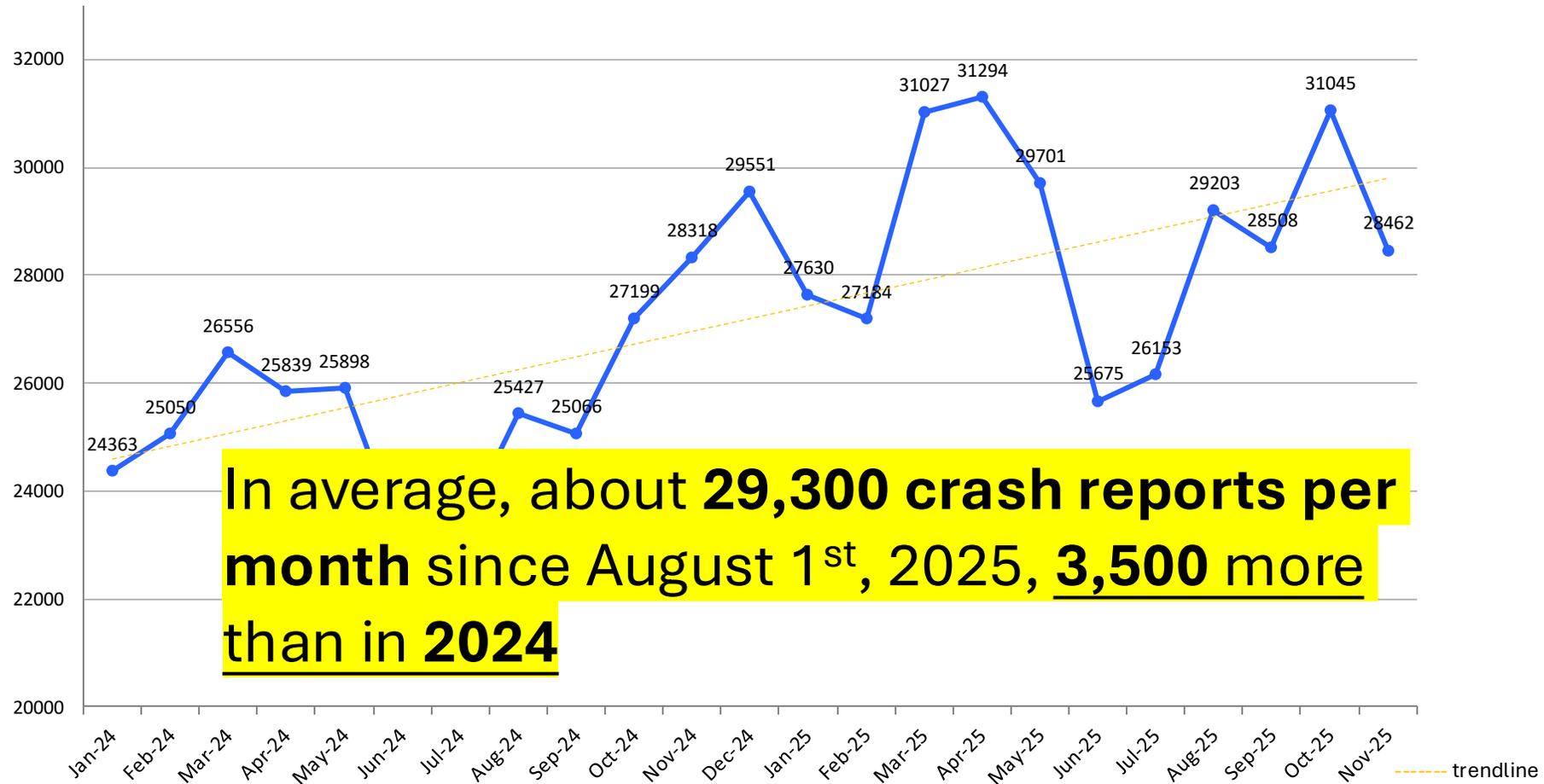
- **TraCS** - production
- **SmartCOP** - production
- **Hexagon** – development

Geolocation Usage Stats

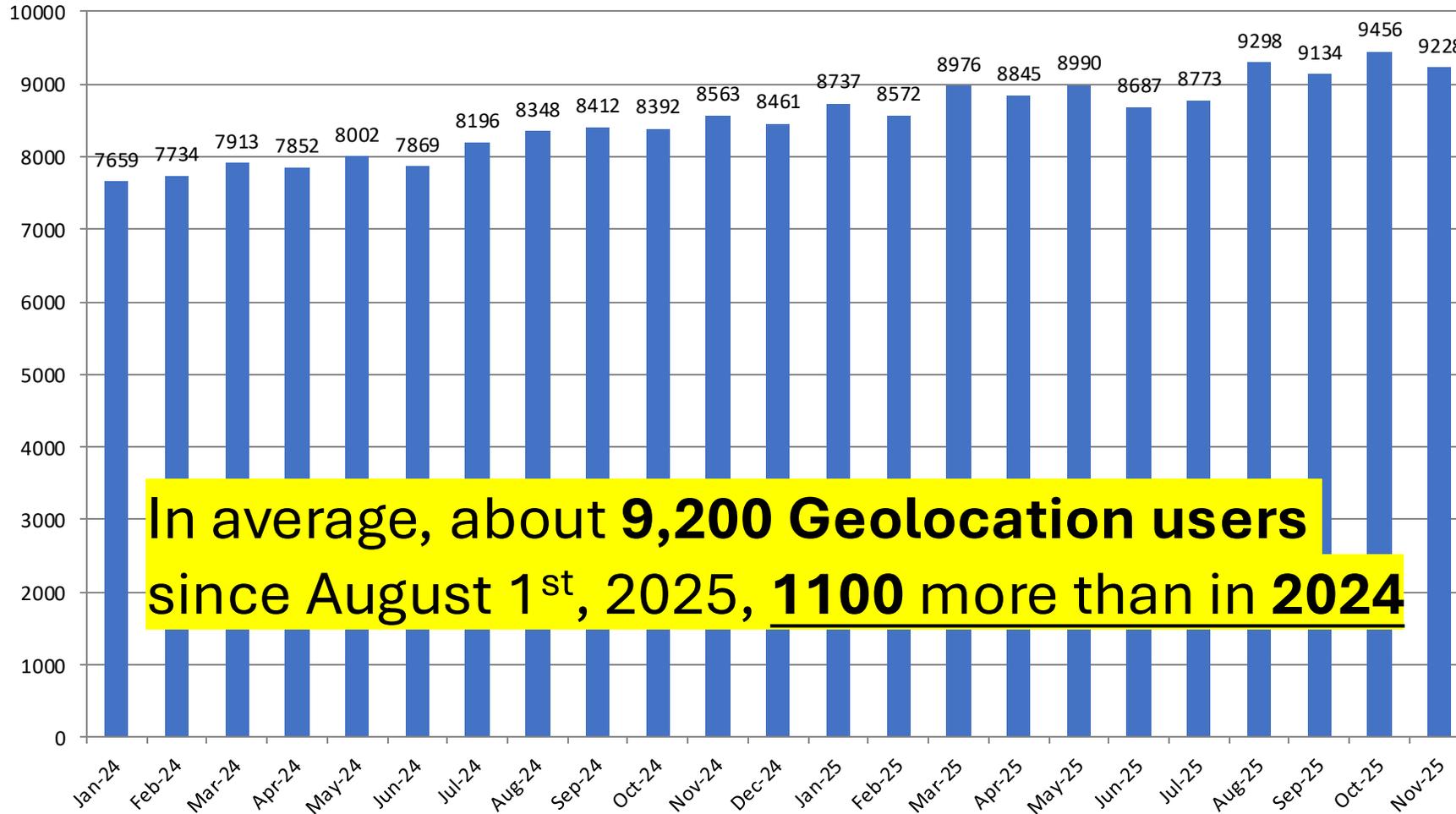
- **TraCS**
 - **100%** of agencies that report **crashes** (209 of 209)
 - **11%** of agencies that write **citations** (21 of 192)

- **SmartCOP**
 - **25%** of agencies that report **crashes** (12 of 49)
 - **7** agencies are in testing

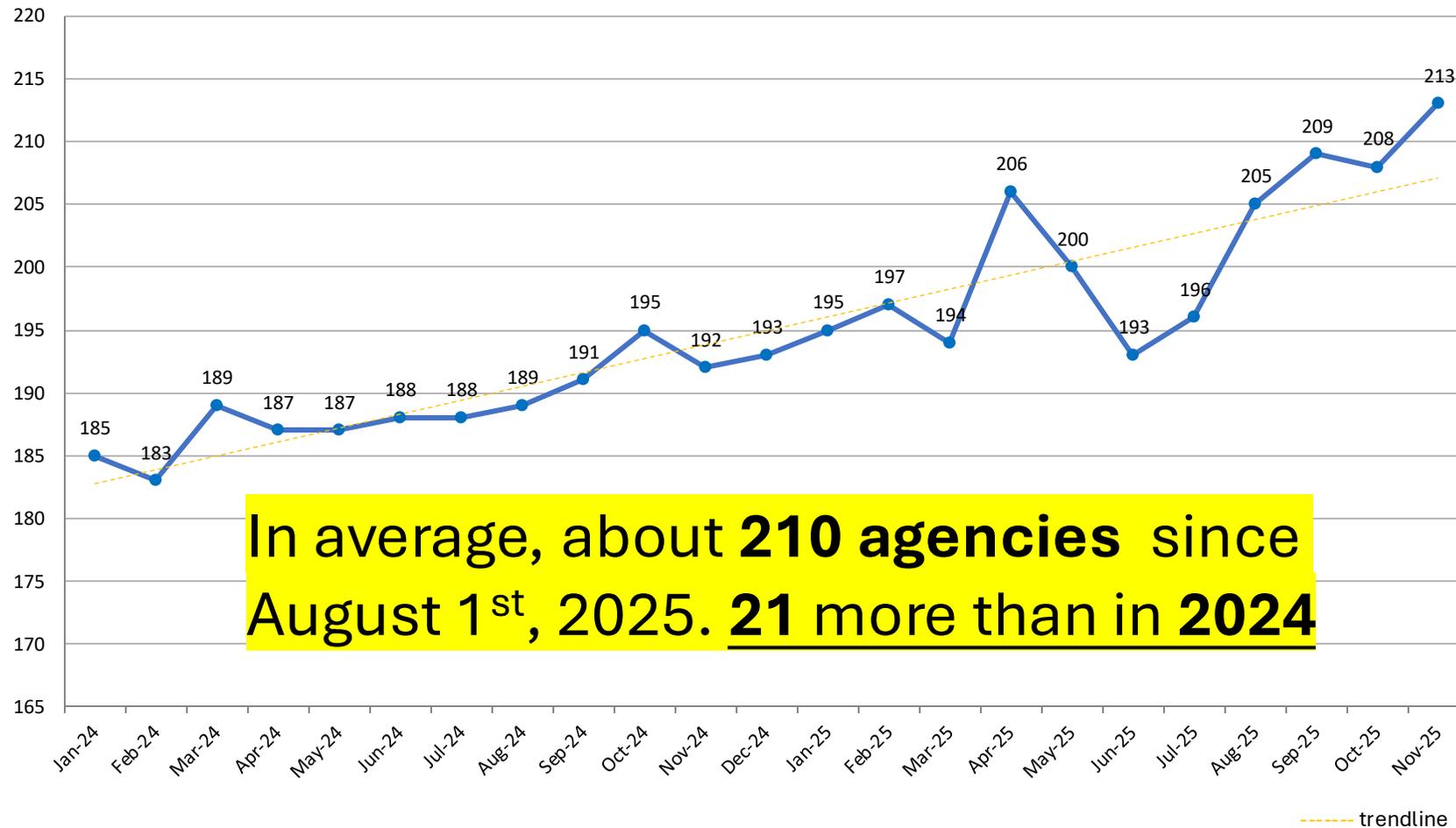
Crashes Mapped by Geolocation Tool



Geolocation Users

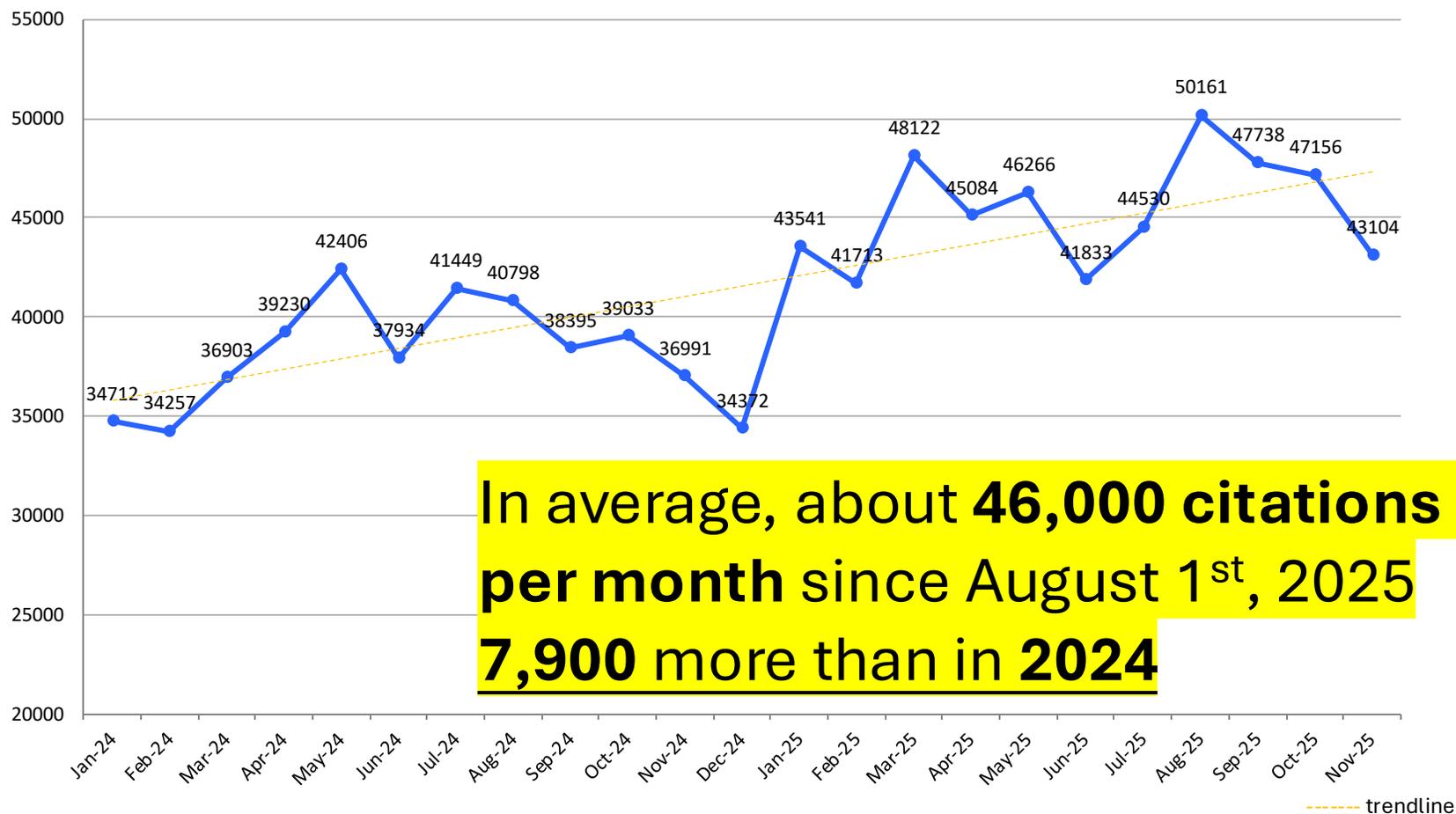


Crash Geolocation Agencies

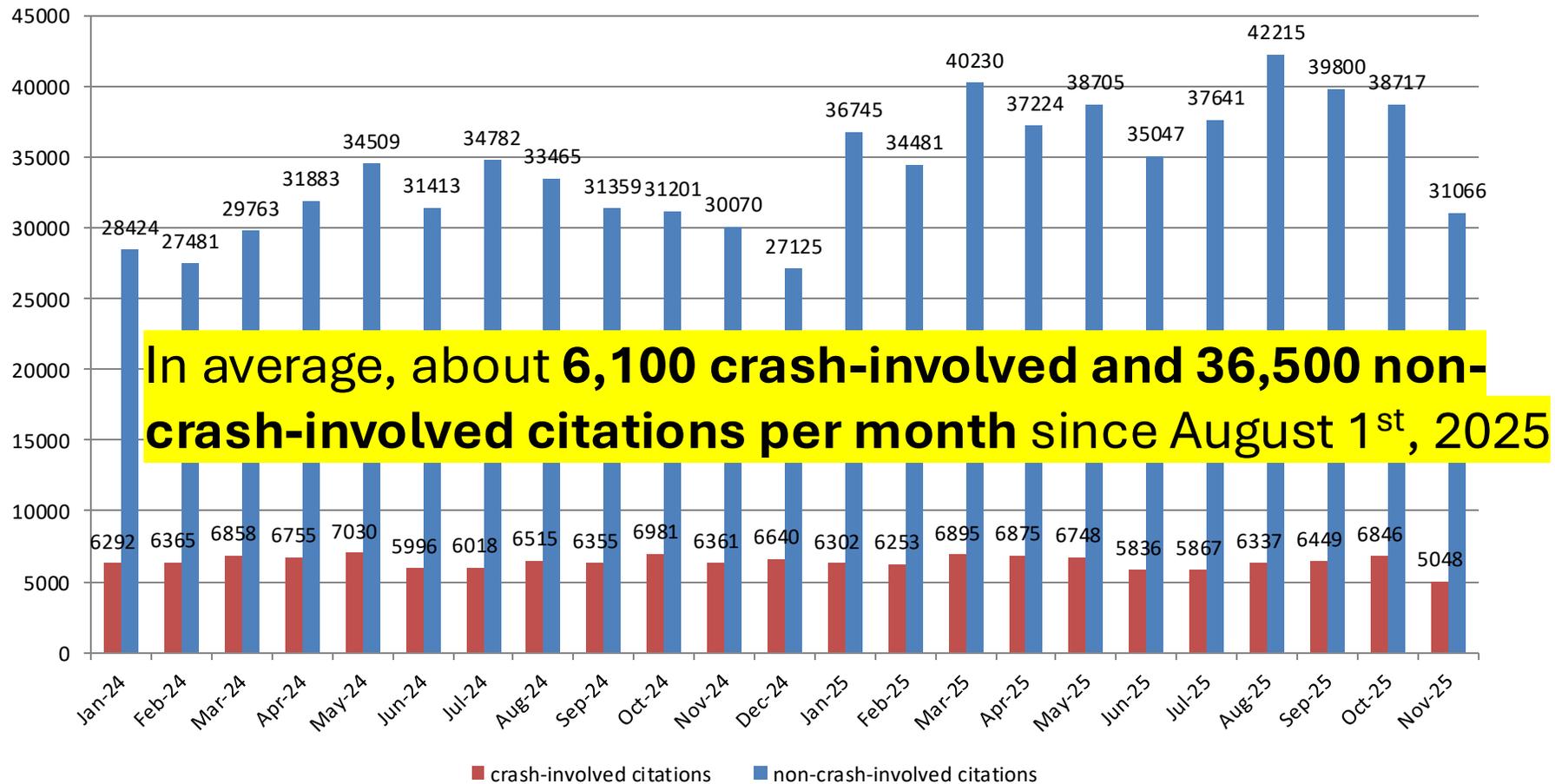


In average, about **210 agencies** since August 1st, 2025. **21** more than in **2024**

Citations Mapped by Geolocation Tool



Crash-Involved vs. Non-Crash Citations Mapped by Geolocation Tool



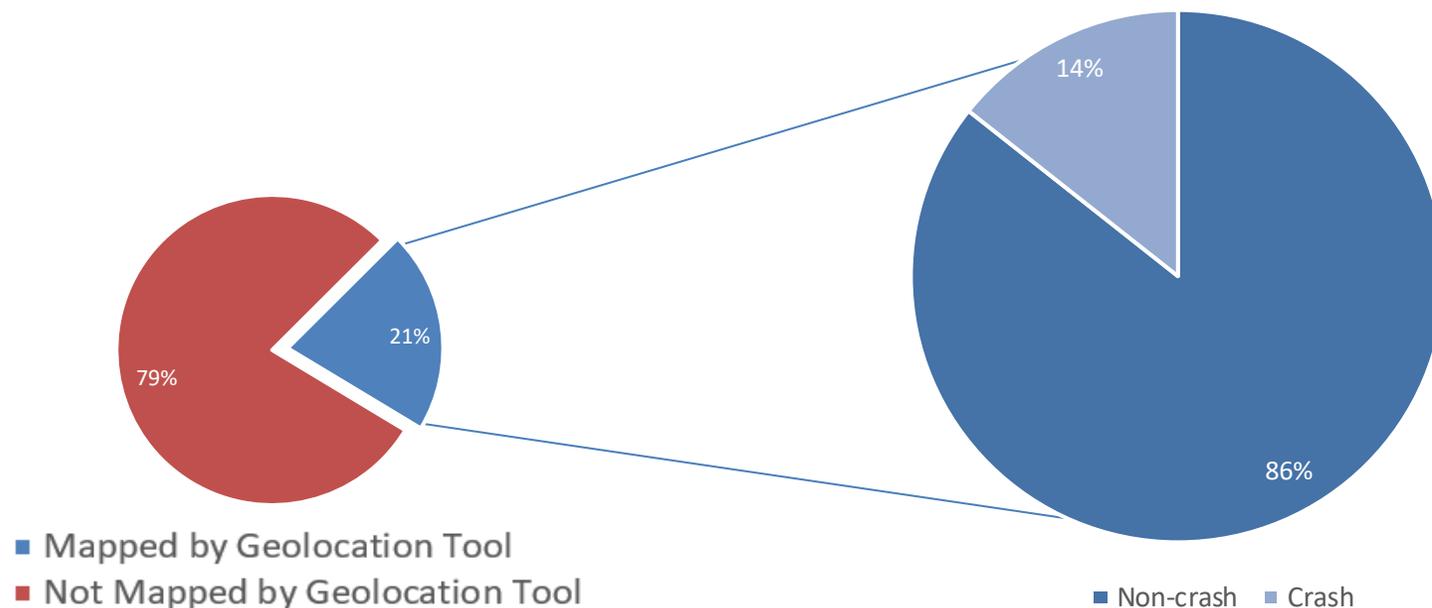
Non-Crash citations and Crash-Citations

All citations:

- Non-crash 507,057
- Crash-involved 73,547

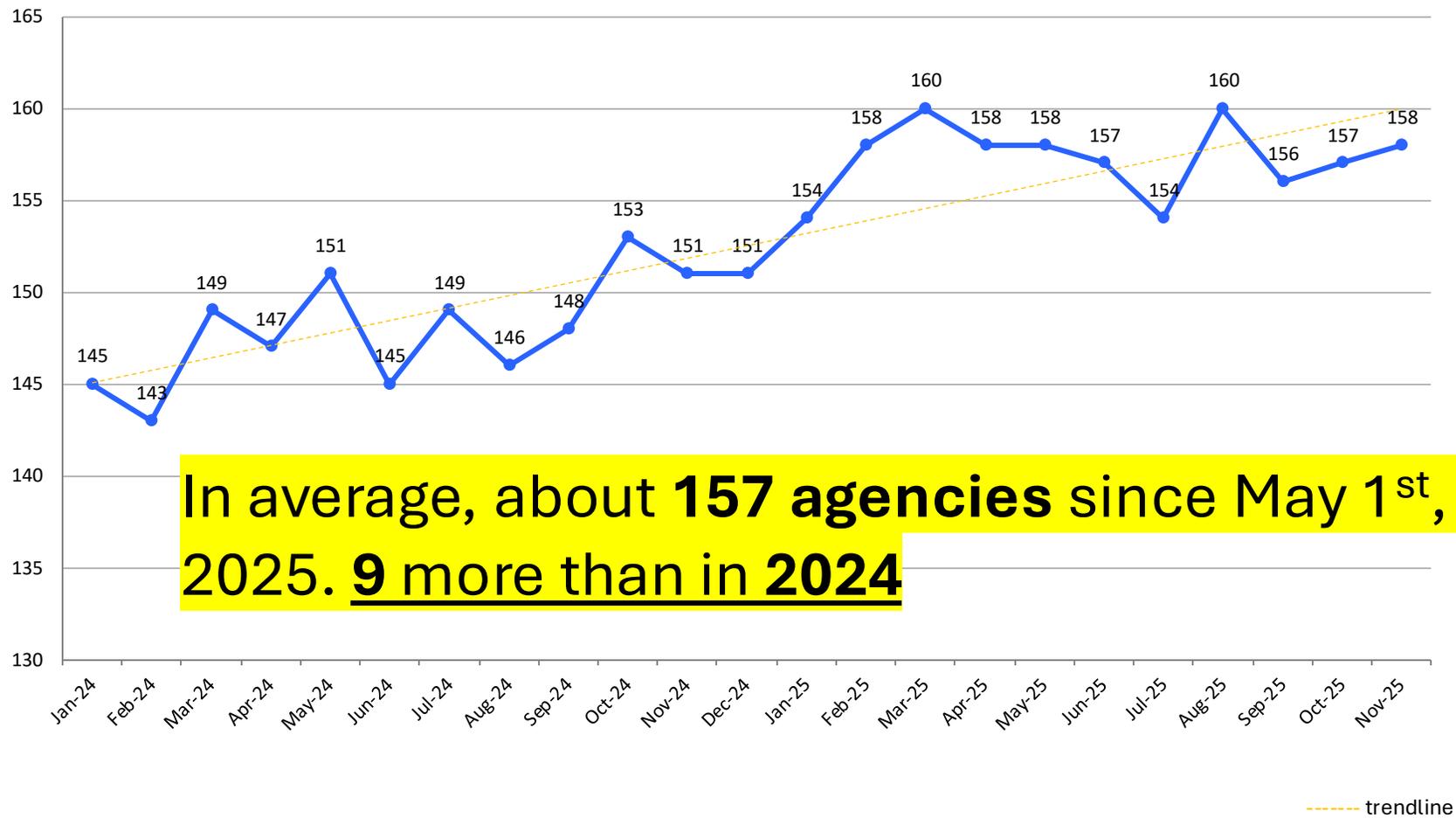
Citations mapped by Geolocation Tool:

- Non-crash 109,583
- Crash-involved 18,343

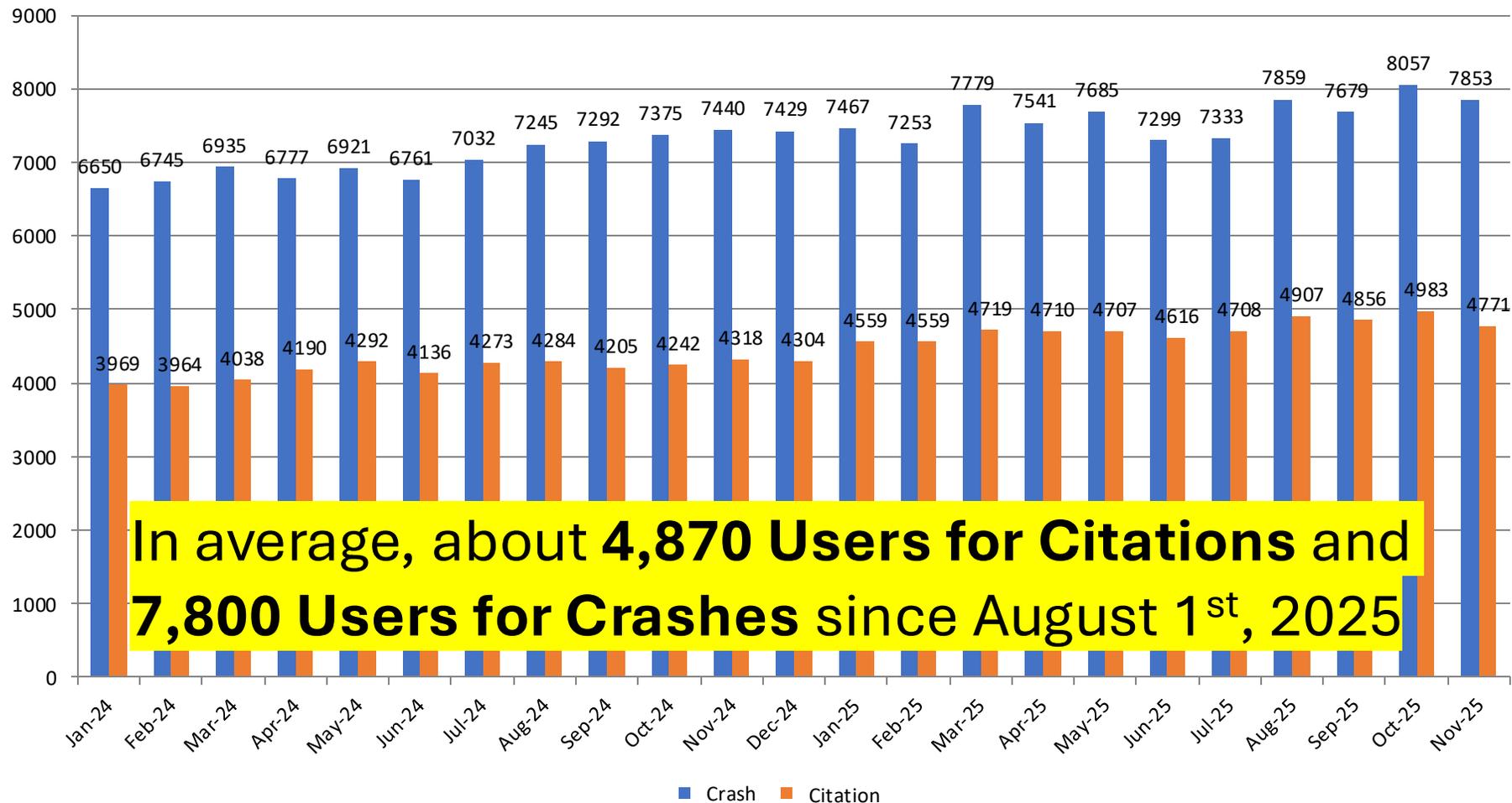


The statistics are based on data from the last three months (9/1-11/30).

Citations Geolocation Agencies



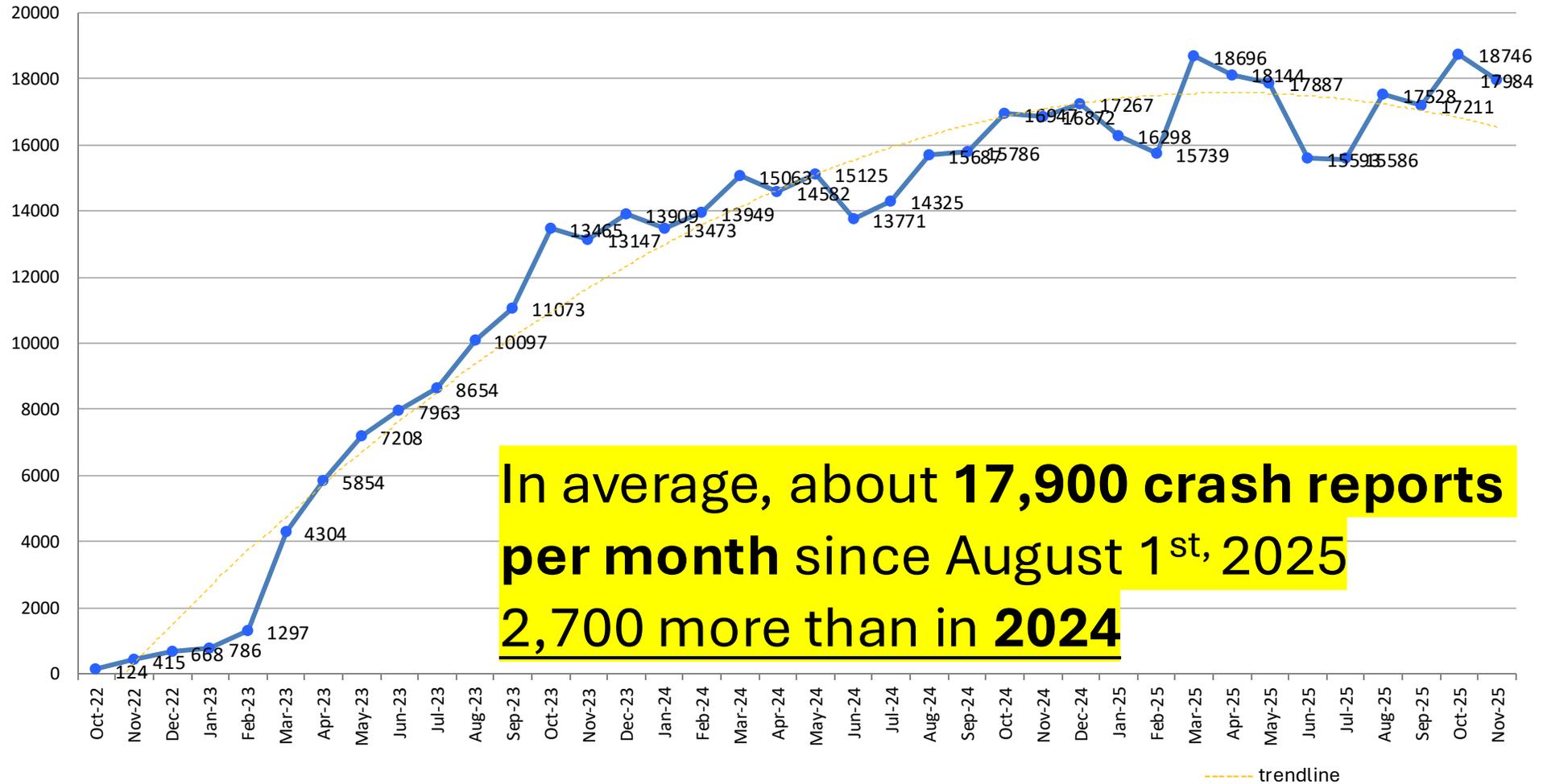
Geolocation Crash vs Citations Users



TraCS Diagram Usage Stats

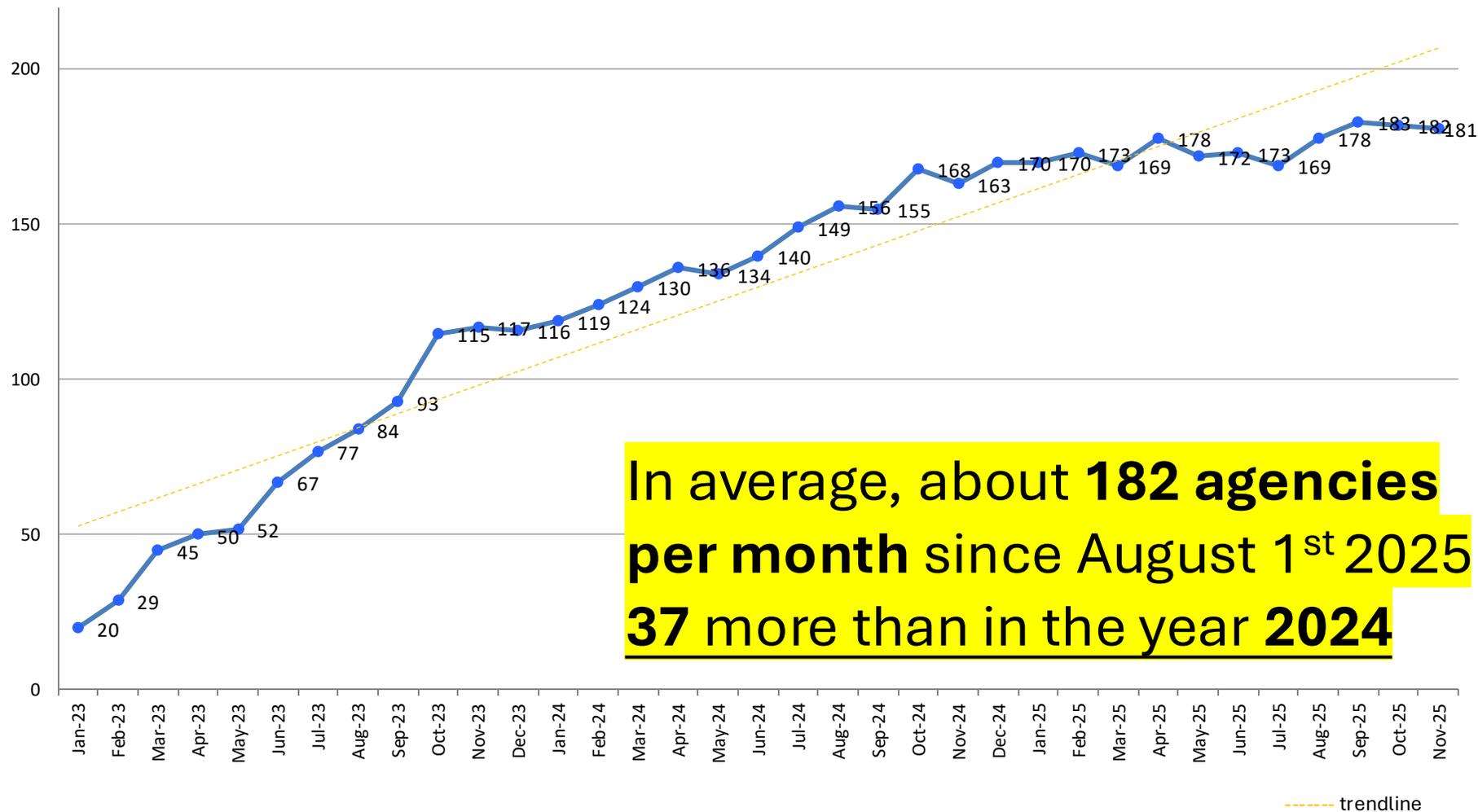
- **472,000** diagrams since October 2022 launch
- **72,000** diagrams since August 1st, 2025
- **205** TraCS agencies are currently using the Signal4 Diagram (**98%** -205 of 209)

TraCS Crashes that used Signal4 Diagram



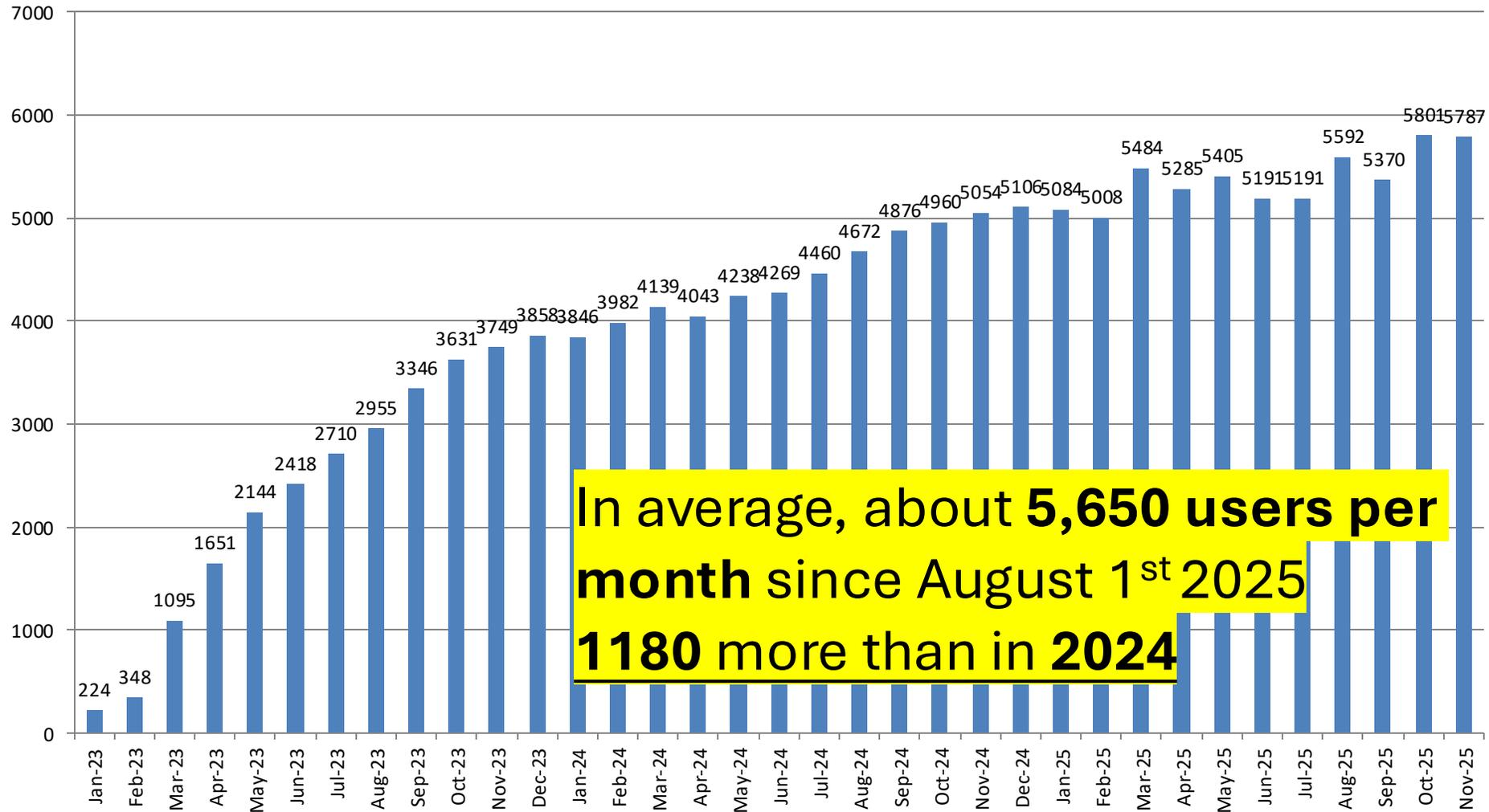
In average, about **17,900 crash reports per month** since August 1st, 2025
2,700 more than in 2024

TraCS Agencies that used Signal4 Diagram



In average, about 182 agencies per month since August 1st 2025 37 more than in the year 2024

TraCS Users that used Signal4 Diagram



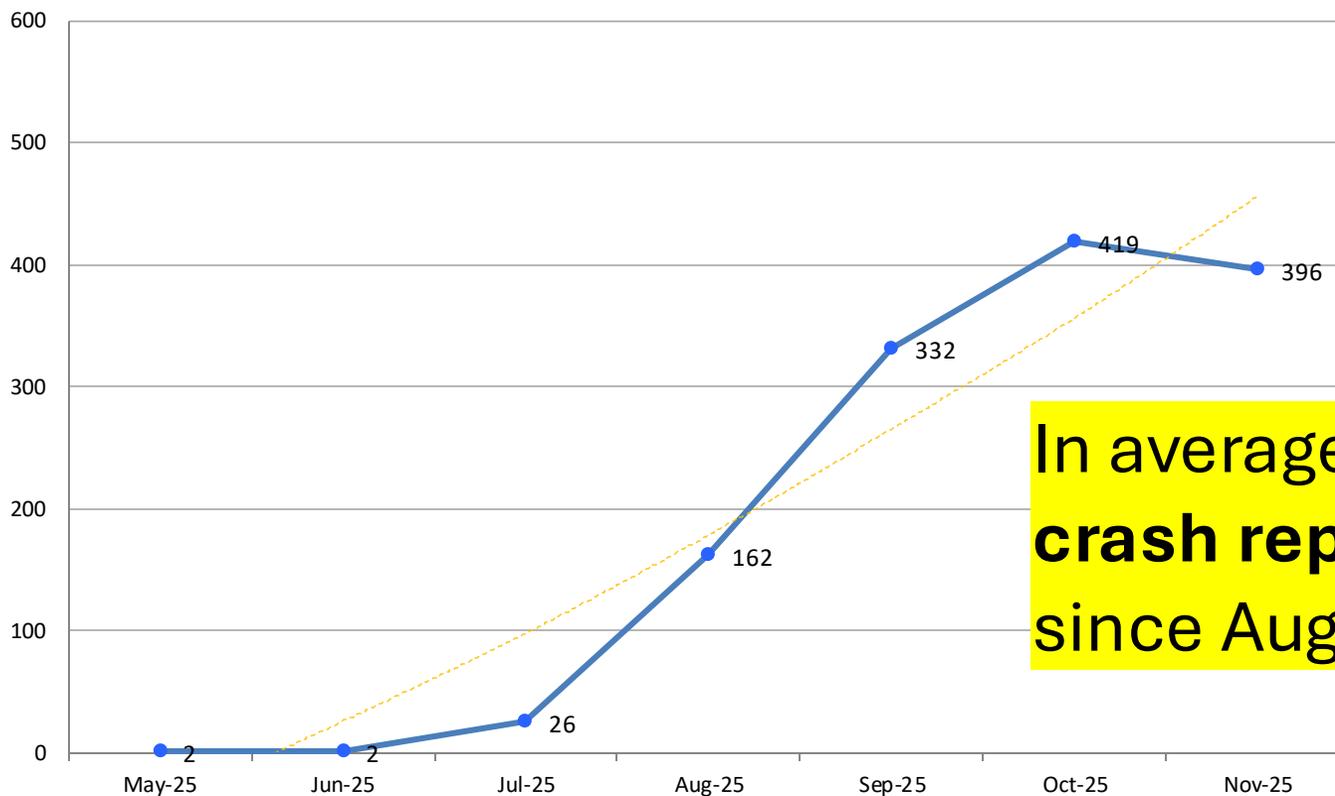
SmartCOP Diagram Usage Stats

- **1,352** diagrams since launch in May 2025
- **15** SmartCOP agencies
 - **11** are using the tool in **production**
 - **4** other agencies are in **testing**

SmartCOP Diagram Usage Stats (cont.)

SmartCOP Agency	Number of Diagrams Created	
	Production	Testing
Pensacola Police Department	522	
Sumter County Sheriff's Office	308	
Putnam County Sheriff's Office	110	
Hendry County Sheriff's Office	102	
Palatka Police Department	100	
Alachua County Sheriff's Office	86	
Sebring Police Department	63	
DeFuniak Springs Police Department	27	
Lafayette County Sheriff's Office	9	
Midway Police Department	8	
Gretna Police Department	2	
Pembroke Pines Police Department		6
Hillsborough County Sheriff's Office		5
Highlands County Sheriff's Office		2
St. Johns County Sheriff's Office		2

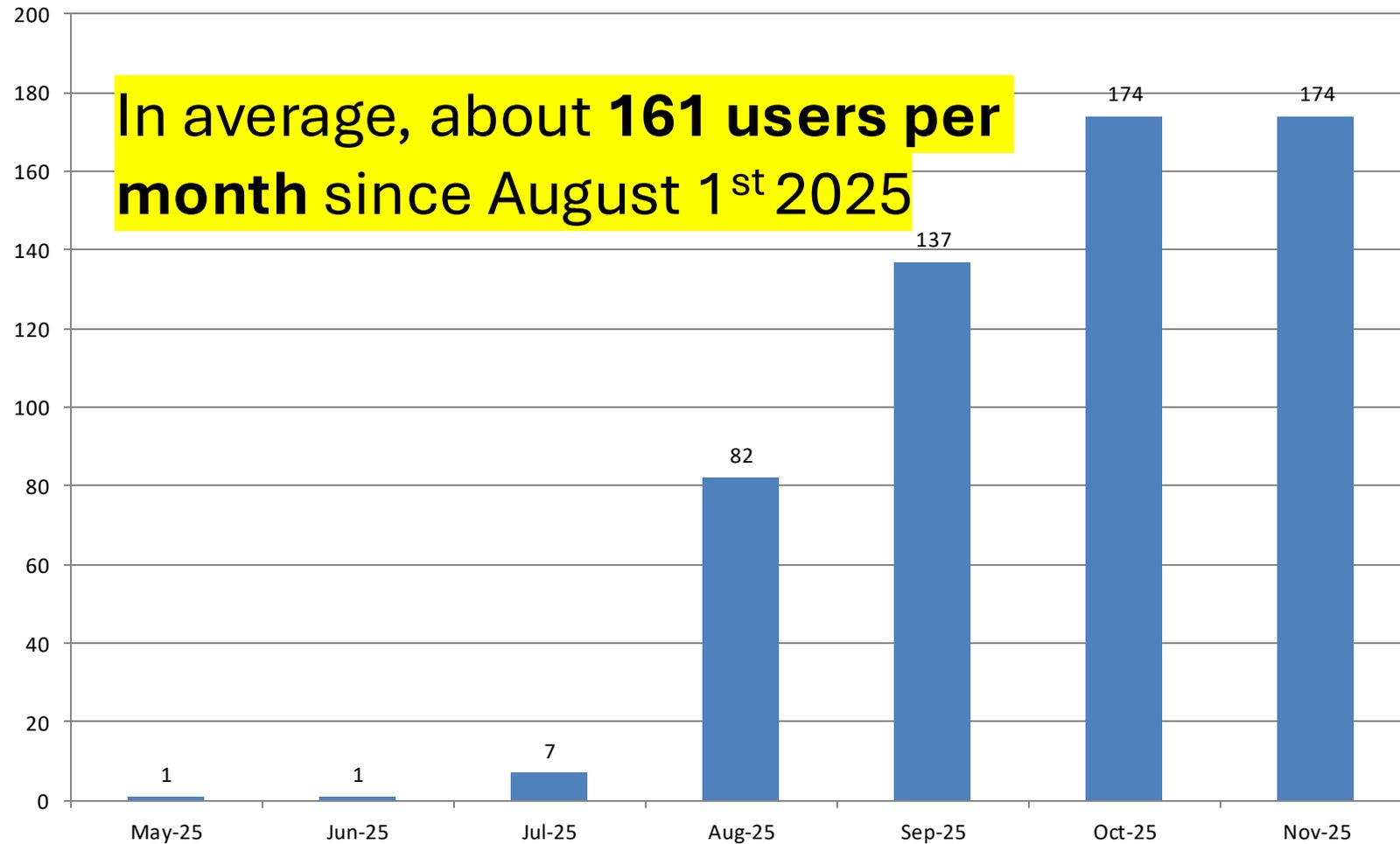
SmartCOP Crashes that used Signal4 Diagram



In average, about **380** crash reports per month since August 1st, 2025

--- trendline

SmartCOP Users that used Signal4 Diagram



SmartCOP Training Webinars

- **Six** 30-minute webinars completed
 - September (24th, 30th)
 - December (2nd, 3rd)
- **137** people, **30** agencies registered
- **105** people, **27** agencies attended



Feedback from Webinars

- Need a tool to handle **tree-covered roads**
- Ability to draw **new roads** not shown in the aerial photo
- **Blocked lanes**, standing water, debris etc.

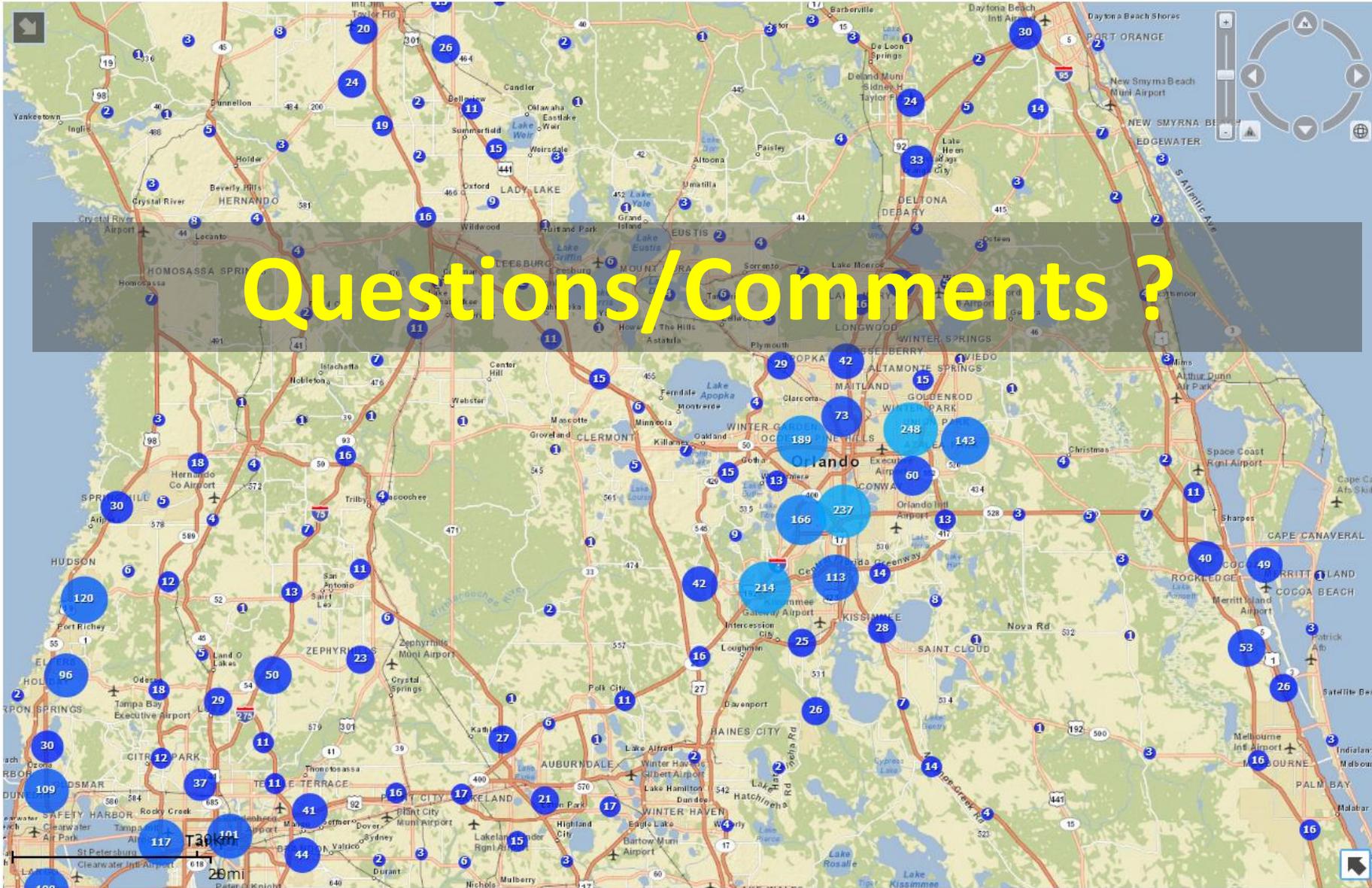
Observations

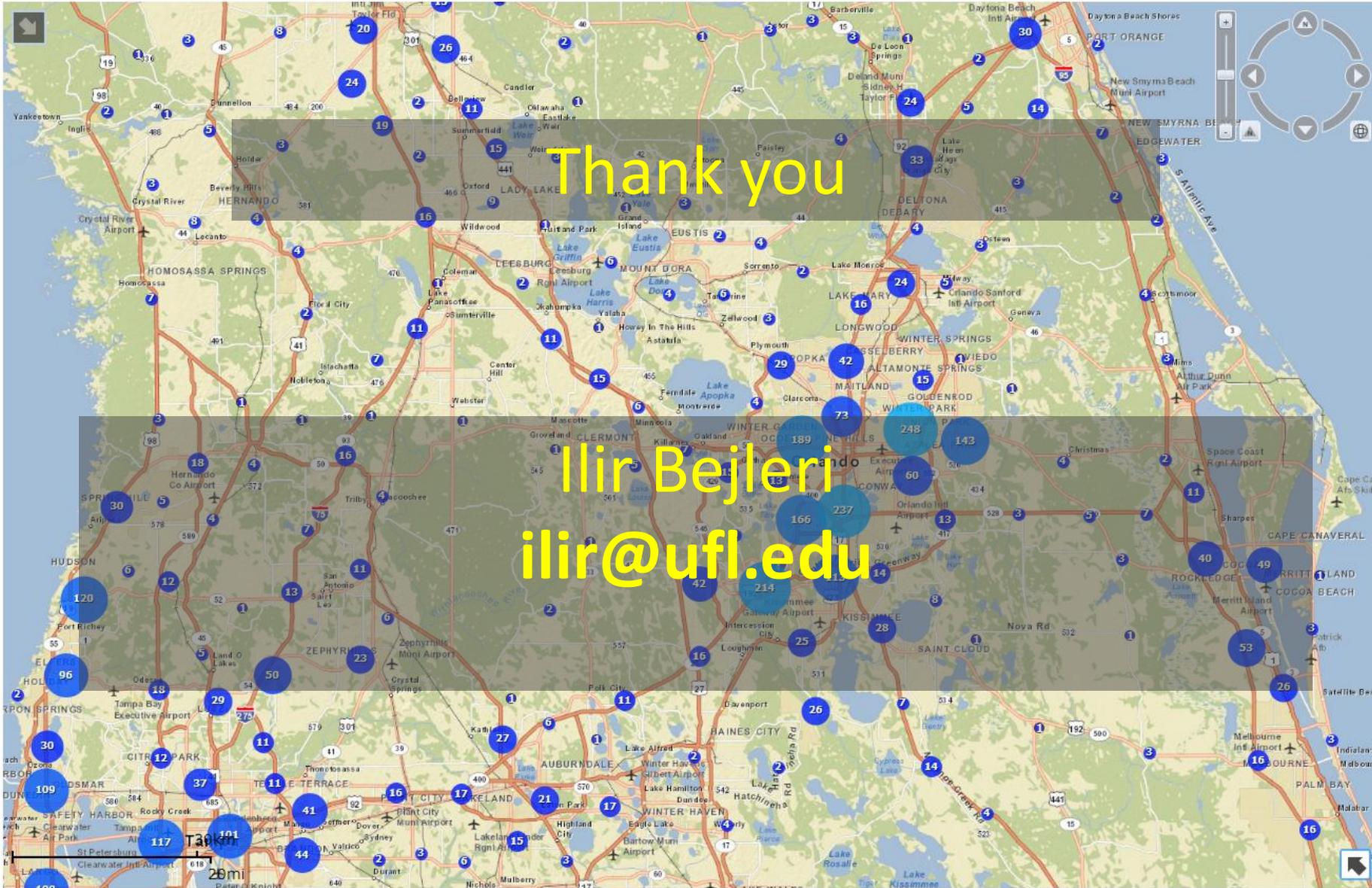
- Effective in getting the word around
- Helpful in engaging the users for input
- Increase the demonstration part to 45 minutes
- Considering a **60** min slots (45 + 15 for Q&A)
- Planning to offer it again in 2-3 months

What's next for SmartCOP Deployment

Three agencies could make a **significant** difference:

- **Hillsborough County SO** (currently testing)
- **Jacksonville County SO** (geolocation since 2021)
- **FHP** (meeting scheduled this afternoon)







405C PERFORMANCE MEASURES

Group Discussion



STRATEGIC HIGHWAY SAFETY PLAN UPDATE

Danny Shopf, Cambridge Systematics



STRATEGIC HIGHWAY SAFETY PLAN UPDATE

*FDOT State Safety Office
December 2025*

DRAFT - 10/25

Safety starts with us.

Florida Strategic
Highway Safety Plan

March 1, 2026

- ◎ Together, we can save lives.
- ◎ No One Should Die On Florida's Roadways
- ◎ We Have More Work To Do
- ◎ Some Roads, Road Users, and User Behaviors Need The Most Attention
- ◎ Let's Get Everyone Home Safely!

NO ONE SHOULD DIE ON FLORIDA'S ROADWAYS



A Plan For All Of Florida

Framework For Eliminating
Fatalities and Serious Injuries

Identifies Key Safety Needs and
Guides Investment Decisions

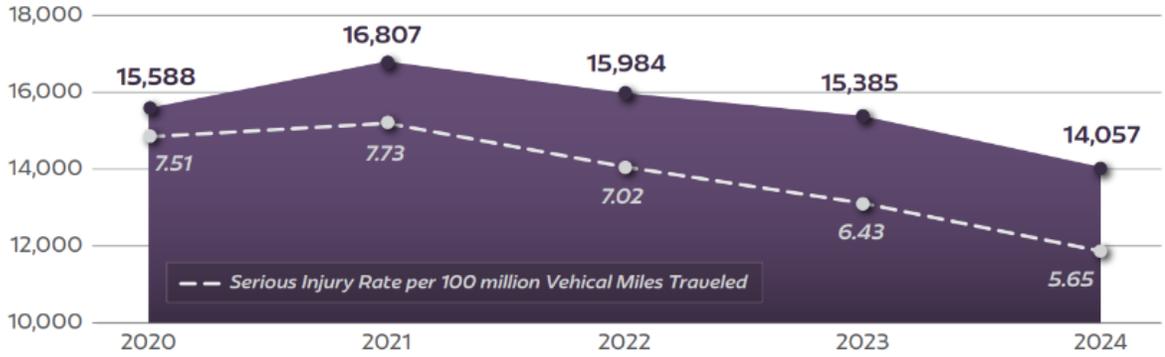
9 PEOPLE **DIE** & **42** PEOPLE ARE
SERIOUSLY INJURED



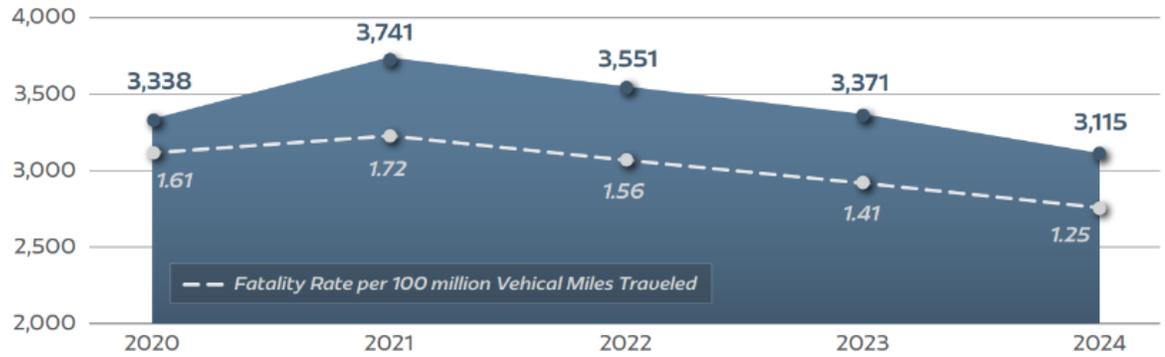
**Based on daily averages between 2020 and 2024.*

WE HAVE MORE WORK TO DO

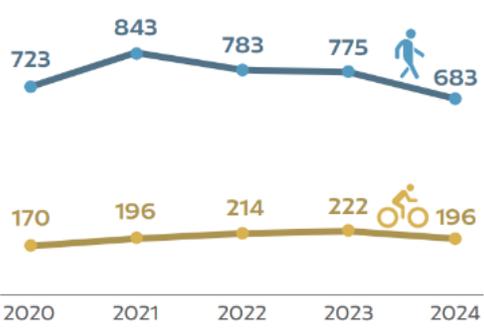
Annual Serious Injuries



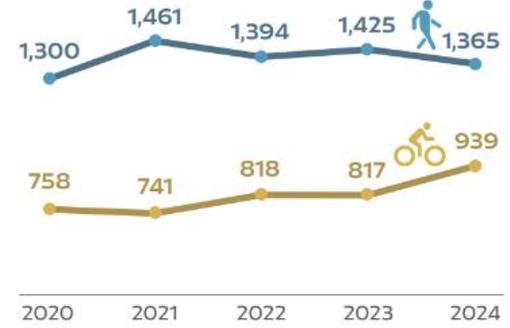
Annual Fatalities



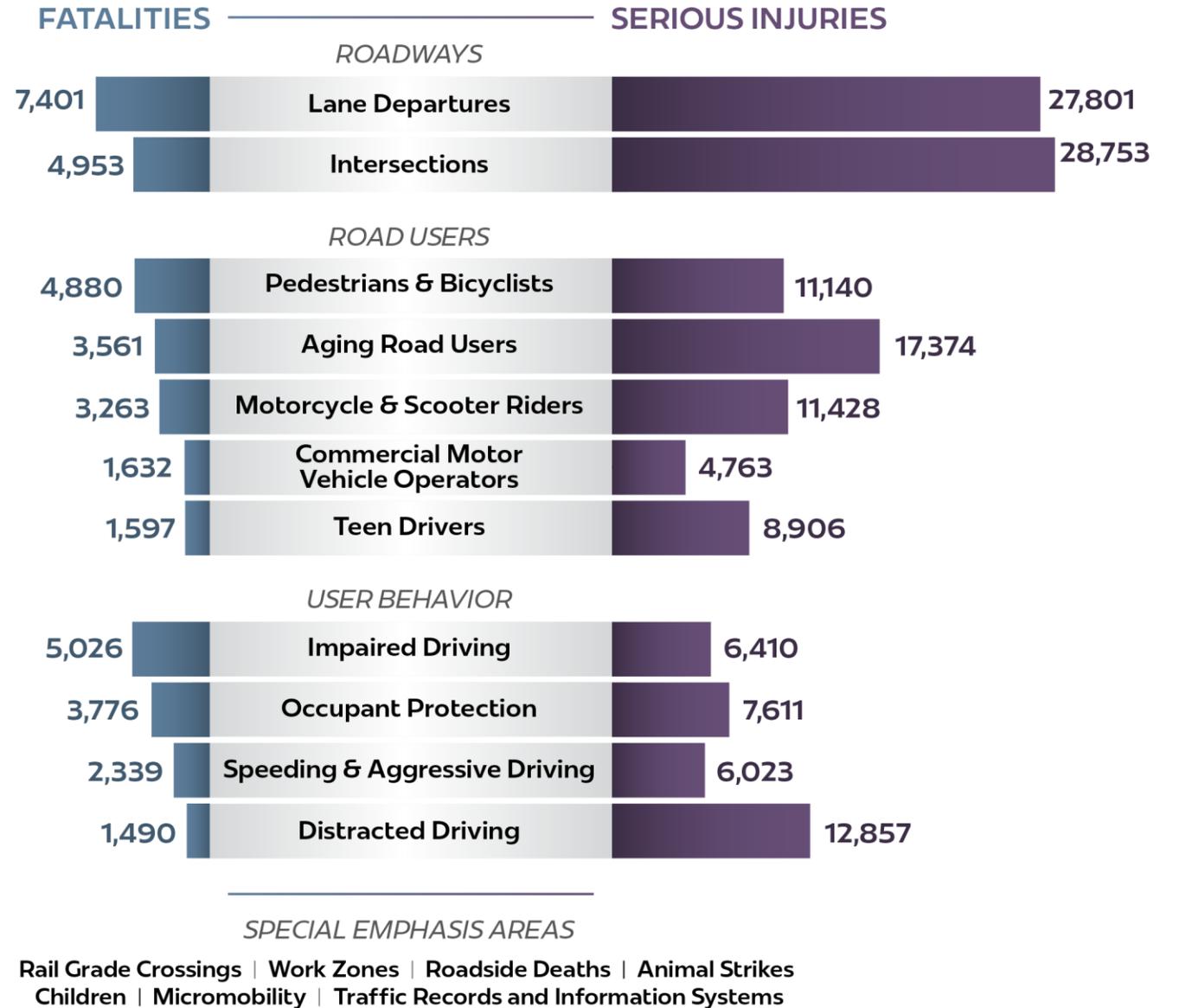
Pedestrian & Bicyclist Fatalities



Pedestrian & Bicyclist Serious Injuries



SOME ROADS, ROAD USERS, AND USER BEHAVIORS NEED THE MOST ATTENTION



SOME ROADS, ROAD USERS, AND USER BEHAVIORS NEED THE MOST ATTENTION

18 Tier 1 Locations

9 Existing Tier 1 Locations

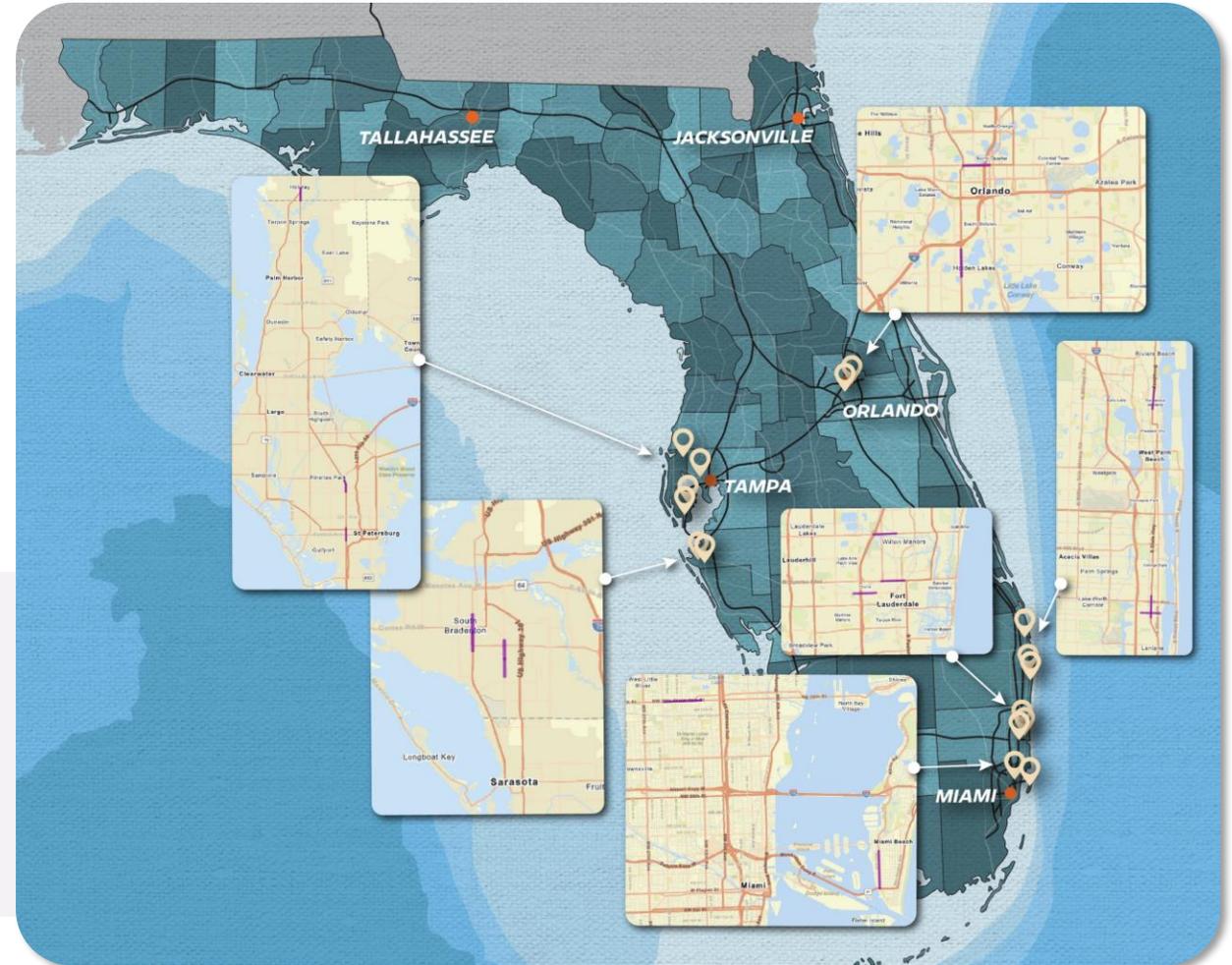
8 Existing Tier 2 Locations

1 Existing Tier 3 Location

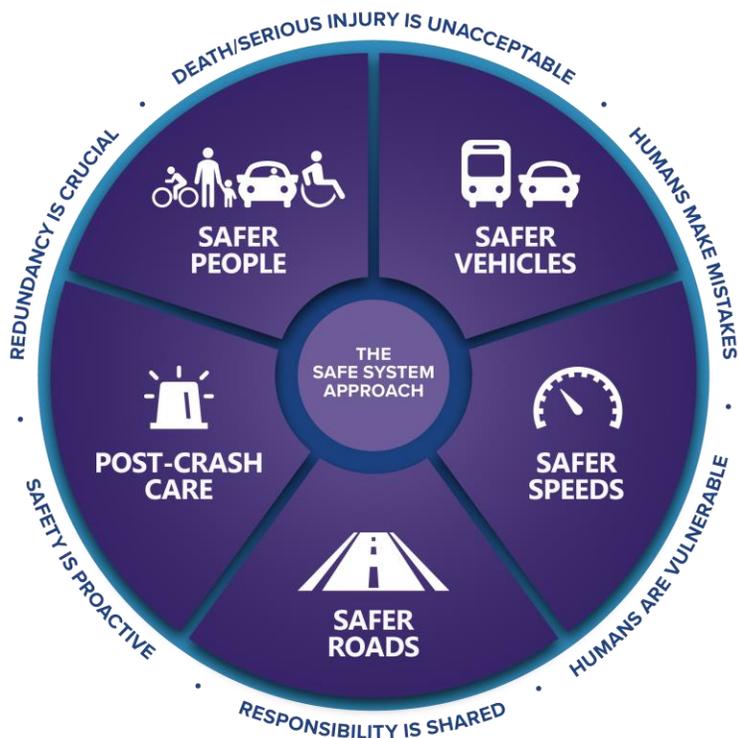
123 Tier 2 Locations

743 Tier 3 Locations

884 1-Mile Segments make up
35.5% of *all* VRU Fatal and
Serious Injury Crashes



LET'S GET EVERYONE HOME SAFELY!



Key Strategies



SAFER ROADS



SAFER PEOPLE



SAFER SPEEDS



SAFER VEHICLES



POST-CRASH CARE



VULNERABLE ROAD USERS

Make Strategic Investments.

Focus engineering criteria to implement engineering solutions systematically based on location, roadway characteristics, and crash data.



Invest in statewide initiatives to proactively apply infrastructure solutions and proven countermeasures.



Embrace new modes of travel and transportation options by investing in related infrastructure.



Enforce traffic laws by providing law enforcement with appropriate tools and resources.



Educate and influence the public on their traffic safety responsibilities and their role in preventing crashes.



Increase the skills and expertise of transportation of transportation, enforcement, emergency response, and other traffic safety professionals.



Improve emergency response and give emergency responders the tools and training needed to effectively manage crashes and save lives.



Use the Highway Safety Improvement Program (HSIP), Triennial Highway Safety Plan (3HSP), state funds, and traffic safety coalitions to implement SHSP priorities.



Tell the Story.

Use advanced data analyses to inform decision-making.



Set and monitor performance metrics.



Seek input from partners and communities to ensure successful implementation of proposed solutions.



Use Technology.

Implement innovative transportation technologies to improve safety on Florida's roadways.



Improve safety data collection, integration, and access.



Invest in technology to improve crash response time and crash management while protecting first responders at the roadside.



Develop, test, and deploy automated vehicle (AV) technologies and artificial intelligence (AI) to reduce the risks of human error, optimize transportation systems, bring more relevant data sources together, predict future crash patterns, and evaluate the effectiveness of safety measures.



Collaborate with Others.

Collaborate with Florida's state, regional, and local partners and stakeholders, including MPOs and Traffic Safety Coalitions, to better engage with Florida's communities and more effectively manage safety investments.



Build strong relationships with Florida's communities to ensure community visions, transportation solutions, and land use decisions are aligned.



Provide training and tools to prosecutors, judges, and court systems to improve the prosecution and adjudication of traffic safety-related cases.



Work with Florida's legislators and policy makers to develop legislation and build a legal framework that enhances safety.



Inform local, regional, and state decision makers of safety challenges and solutions.



SHSP TIMELINE



FALL

Plan
Kickoff



2024



WINTER

SHSP Public
Comment Period



MARCH

Final SHSP
Adoption



2026

2025

MARCH - JUNE

Conduct and finalize VRU quantitative analysis

MARCH - MAY

Analyze and confirm Emphasis Areas

PARTNER + PUBLIC ENGAGEMENT



WE WANT TO HEAR FROM YOU!

*Did we miss anything you need to see in
the SHSP to continue doing great work?*



<https://www.surveymonkey.com/r/2026SHSP>



PUBLIC COMMENT

Chris Craig, FDOT



WRAP UP AND NEXT STEPS

Chris Craig, FDOT

WRAP UP AND NEXT STEPS



- Upcoming TRCC Meetings
 - March 27th, 2026 – Voting Meeting
 - June 19th, 2026
 - September 18th, 2026



THANK YOU AND SAFE TRAVELS!