



FLORIDA'S TRAFFIC RECORDS COORDINATING COMMITTEE

Executive Board Meeting

presented to

TRCC

December 13, 2024





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

Lt. Steve Barrows, Leon County Sheriff's Office/Florida Sheriffs Association

Mike Hall, 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



SEPTEMBER 13, 2024 MEETING MINUTES



TRAFFIC RECORDS COORDINATING COMMITTEE MEETING REPORT

SEPTEMBER 13, 2024



Prepared For:

FLORIDA DEPARTMENT OF TRANSPORTATION

Prepared By:

CHRIS CRAIG, TRAFFIC SAFETY ADMINISTRATOR

Meeting Notes Taken By:

CAMBRIDGE SYSTEMATICS, INC.

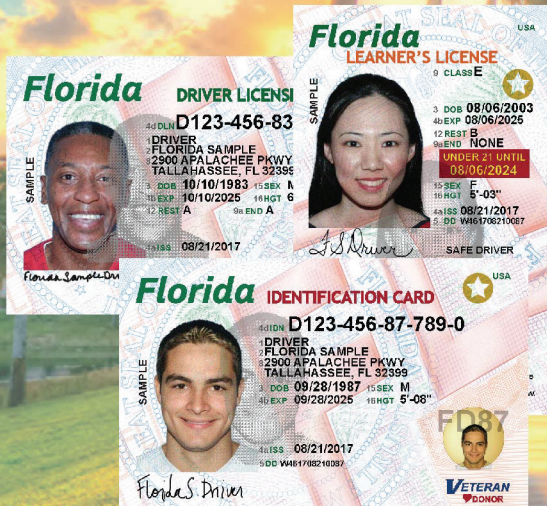


FLTrafficRecords.com | 1



CRASH AND UNIFORM TRAFFIC CITATION (UTC) DATA IMPROVEMENT

Florida Department of Highway Safety and Motor Vehicles



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

Objective 1- Crash

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

Status Update:

Began research on the ACT report to:

- Identify mechanisms and data tables used to populate the report in Analytical Data Warehouse
- Gather code for performance metrics of the report
- Identify and assess gaps
- Create a high-level business requirements doc

Work Plan Goal→

- 1) revise/develop the ACT performance metrics
- 2) implement data analysis and visualization
- 3) ensure data security and improved access features
- 4) automate the ACT process

Objective 2- Crash

Implement
enhancements to the
ACT Report to
improve
accessibility

Status Update:

- Crash, Office of Performance Management and the Information Systems Administration units met on 11/13 and 11/19 to determine contractual service resource needs
- RFQ for business analyst to document ACT's reports backend structure posted on 11/25 and closes 12/18
- Anticipate RFQ for developer resource during March 2025

Objective 3- Crash

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

Status Update:

- Identified the driver and vehicle fields ELVIS sends to TraCS (fy23 grant) via the FCIC interface
- Business Analyst will research and document the FCIC Interface process and operations which is managed and maintained by FDLE & FLHSMV
- Identify the data tables the FCIC interface is passing to the officer for driver and vehicle elements.

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.

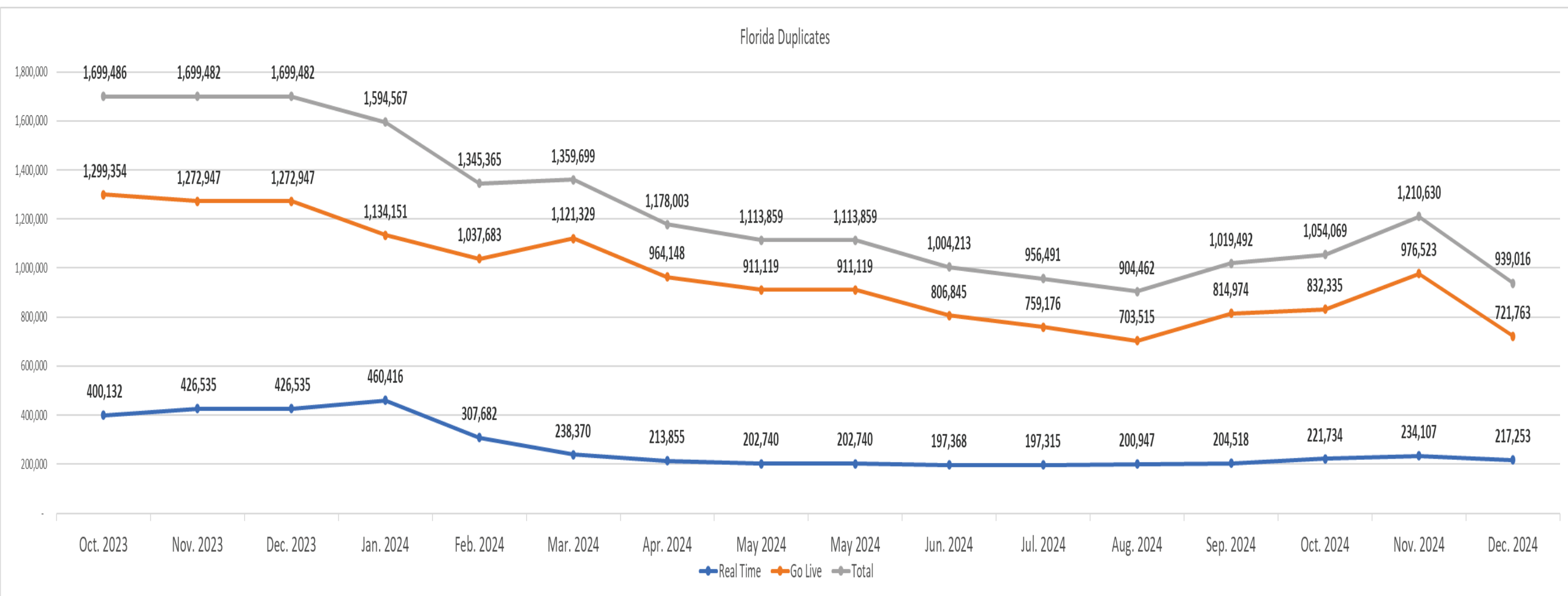
Status Update:

4 OPS Record Techs have resolved the following # of duplicates in Q1:

- Oct 2024: 9,021
- Nov 2024: 6,273

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 Statistics: Oct. 2023- Dec. 2024

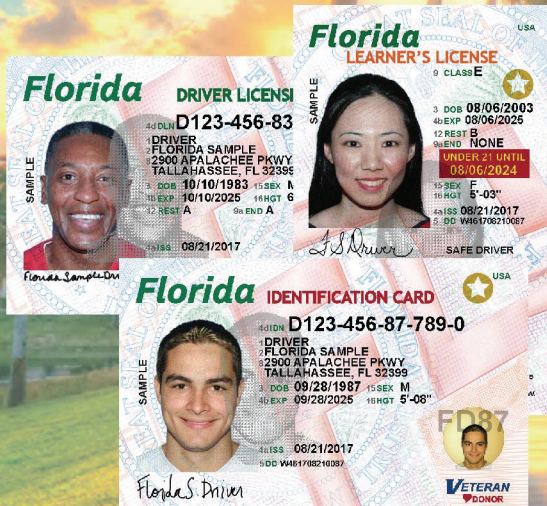
SEDC grant: MMUCC 6th Edition Alignment

FLHSMV WORKING W FDOT/CAMBRIDGE SYSTEMATICS TO:

- Develop crosswalk of FL's MMUCC 6th edition mapping report
- Create PPT slides to assist coordination
- Meet with traffic safety coalitions to seek feedback on elements & attributes pertaining to their safety analysis

TRAFFIC COALITION & DATE (*TENTATIVE*)

Pedestrian & Bicycle Safety Coalition	1/28 - 1/29/25
Motorcycle Safety Coalition	2/19 - 2/20/25
Occupant Protection Coalition	2/12 -2/13/25
Impaired Driving Coalition	3/6 – 3/7/25
Teen Safe Driver Coalition	3/27-3/28/25
Safe Mobility for Life Coalition	4/15 – 4/16/25



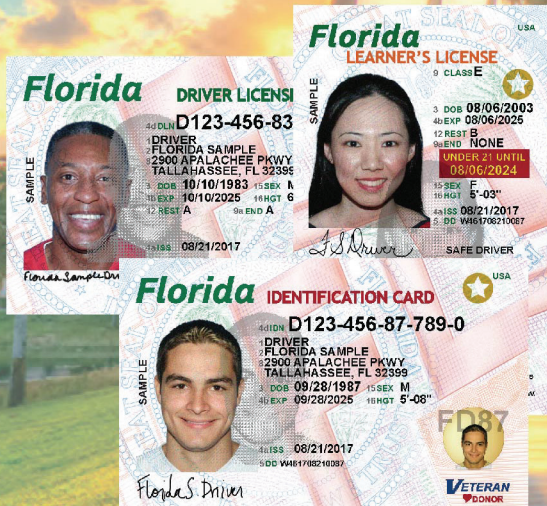
FFY 2025 Crash & UTC Data Improvement Grant





DRIVER AND VEHICLE DATA QUALITY IMPROVEMENT

Florida Department of Highway Safety and Motor Vehicles



FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



FFY 2025 Driver and Vehicle Data Quality Improvement Grant

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.

Performance Measures Recap

Driver	13
Vehicle	<u>4</u>
Total Measures:	17

Duplicate Social Security Number (SSN) • VIN on Title Transactions • Driver License Purge • Temporary Tag Issuance • State Pointer Exchange Services (SPEXS) Queue • Vehicle Weight • Out-of-State Driving History Record (DHR) • SSN Verification • State-to-State (S2S) DHR • Driver Disposition • Vehicle Fuel Type • American Association of Motor Vehicle Administrators (AAMVA) D20 Driver Data

Driver Data

Out of State (OOS) Driver History Record (DHR) transfer

- A complete and timely DHR is essential for proper enforcement
- S2S DHR completeness never exceeds 95% - Why?
 - Is there a process issue?
 - If so, where is it occurring? (FLHSMV, other state, AAMVA, etc.)
- Proposed measures: Accuracy, Completeness, Timeliness
 - **Status:** Exploring

Vehicle Data

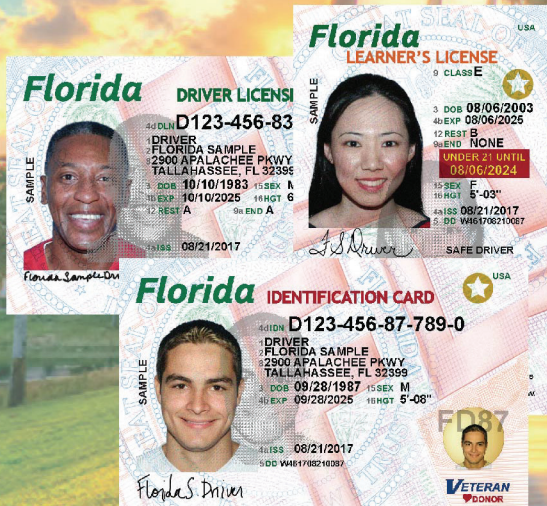
AAMVA D20 Vehicle Data Uniformity

Provides standard terminology and coding instructions

- **Uniformity** – Percent of AAMVA D20 Vehicle Data Elements present in FLHSMV Driver Data system
 - **Status:** Transcribing data elements for evaluation

Vehicle Ownership-Registration Match

- **Accuracy** – FL Statute 320.0609(1)(a) requires that registration ,license plate, and certificate of registration be issued to and remain in the name of the owner of the vehicle.
- Ensures proper communication with the owner about the vehicle (manufacturer recalls, registration stops, etc.)
 - **Status:** Exploring



FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



Questions?

Contact: AsherLucas@flhsmv.gov



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



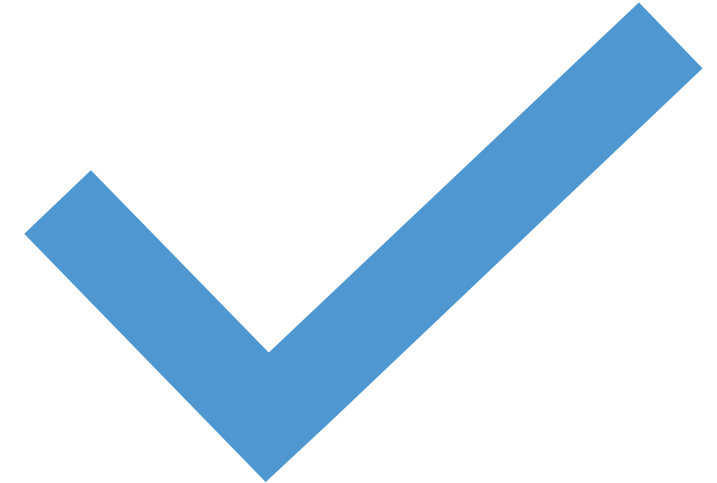
December 13, 2024





FY 24/25

Review of Grant Objectives & Status



Luis Dominguez
Project Director

Brenda Clotfelter
Project Manager

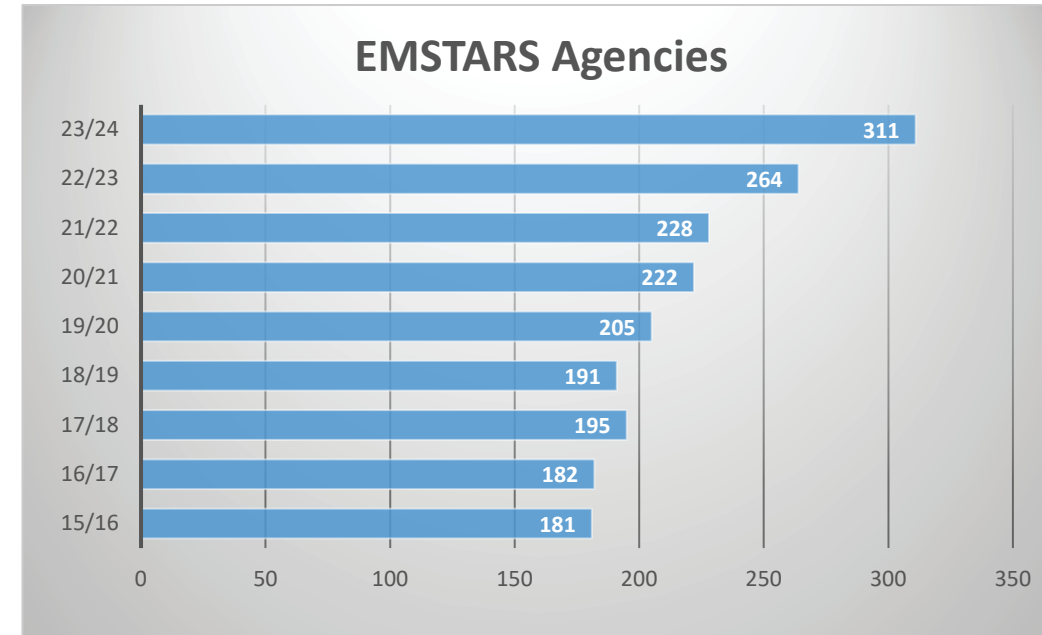
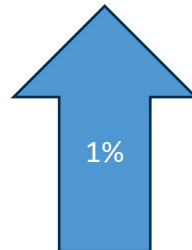
FY 23/24 Objectives



Completeness

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

89%



336 Total Licensed Agencies
300 Agencies in EMSTARS –
additional 10 subagencies
1 Pending
36 Aggregate

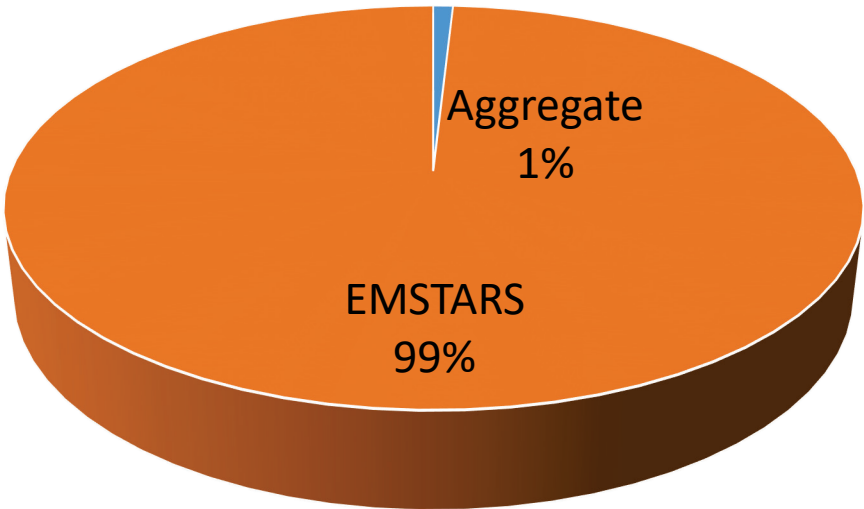
FY 23/24 Objectives



Completeness

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

99%



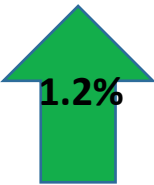
	2023	2024 Partial Qtr 4
EMSTAR/biospatial	4,979,499	4,792,977
Aggregate	111,500	56,306
Totals	5,090,999	4,849,283
% EMSTAR	98%	99%

FY 23/24 Objectives



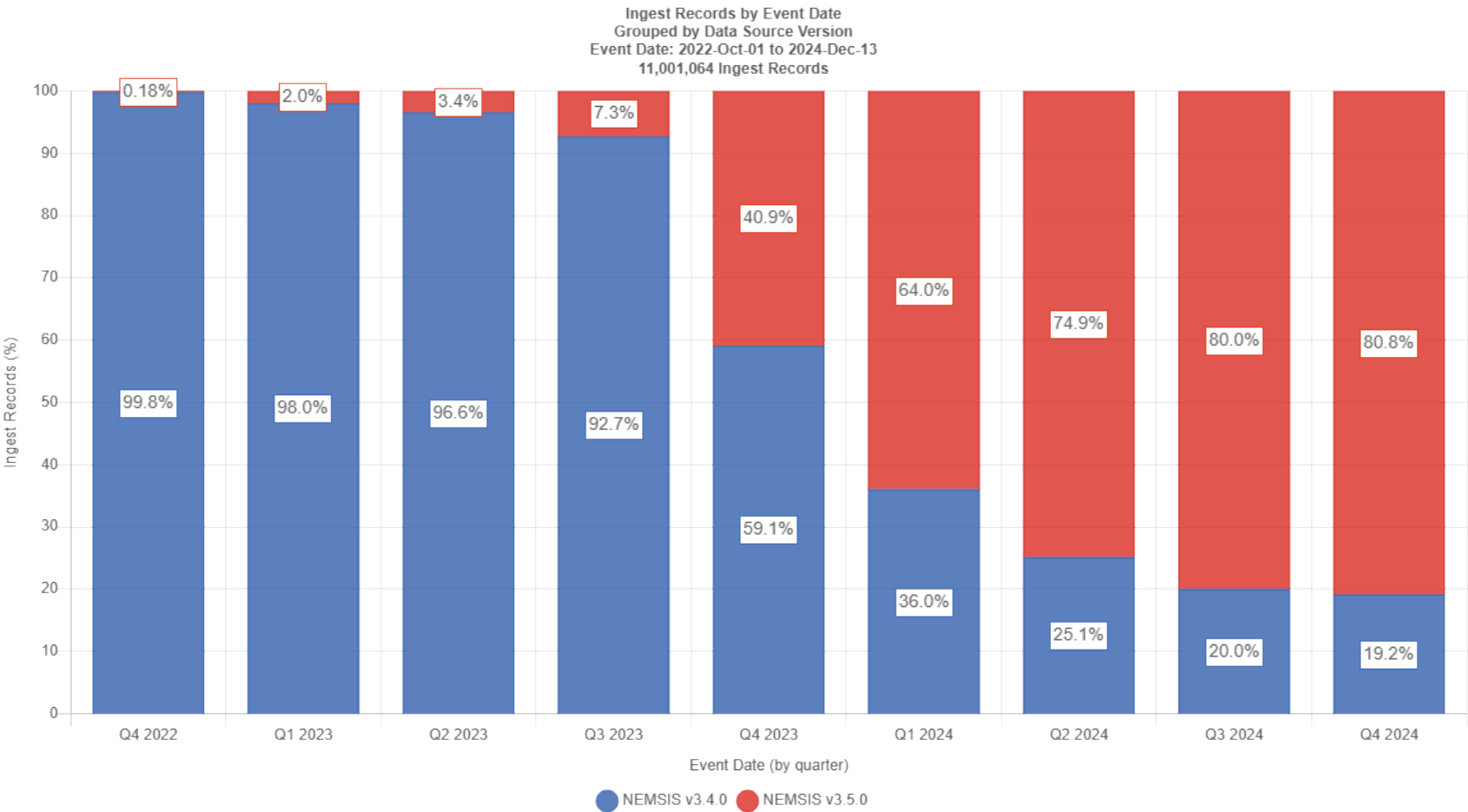
Uniformity

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



80.6

1.2%





V3.5 Implementation

Vendor State of Readiness

**11 vendors validated to
submit V3.5
(up by 3)
3 in process**

Vendor	Validated
ESO Solutions	Yes
Zoll -Rescurnet	Yes
Image Trend, Inc.	Yes
Documed	Yes
EMSCcharts, Inc.	Yes
SafetyPad	
American Medical Response	
Digitech	Yes
EPR Systems USA Inc	Yes
Truamasoft LLC	Yes
Emergency Reporting	
EMS Consultants Ltd.	
Cloud PCR LLC	
Metro pcr - Saffire Software	Yes
Stryker formerly Physio-Control (Sansio)	
Creative EMS	
FIREHOUSE Software, A Xerox Solution	
Beyond Lucid	Yes
Traumasoft, LLC	Yes

FY 23/24 Objectives



Uniformity/Accuracy

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

- ✓ Completed Florida Data Dictionary update for V3.5
- ✓ Completed Monthly updates to State Data Set - October
- ✓ Completed Quarterly Business Rules Review
- ✓ Completed Business Rule Schematron Update - October
- ✓ Completed review of new V3.5.1 elements - December
- ✓ Remaining V3.5.1 changes under review – Revised target 12/25

FY 23/24 Objectives



Completeness

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

- ✓ **Participated in NEMSIS Technical advisory calls – biweekly**
- ✓ **Participated in NASEMSO calls – monthly or as scheduled**
- ✓ **Project Manager and Data Modeler/Data Migration Specialist attended NASEMSO annual meeting in October**

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

- ✓ **EMSAC Data Committee**
10/29/24 – completed
12/12/24 – completed

FY 23/24 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 23/24 OBJECTIVES

EMS Clinical Performance Measures

Accuracy

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

Clinical measures review apart of Regional Coordinators Site Visits

EMS Performance Help Page

Performance Measures

[National EMS Quality Alliance Measures](#)

[NEMSQA Feasible, Actionable, Impactful, Relevant \(F.A.I.R.\) EMS Measures](#)

[Paul Coverdell National Acute Stroke Program Quality Performance Measures](#)

[American Heart Association Mission: Lifeline EMS Recognition Measures](#)

[California EMS System Core Quality Measures](#)

[Florida Strategic Performance Measures](#)

[New York State DOH Standard 2019 DQS Measures](#)

[Motor Vehicle Crash Measures](#)

[Suspected Cardiac Chest Pain and STEMI Measures](#)

[Severe Trauma Measures](#)

[Traumatic Brain Injury \(TBI\) Measures](#)

[Other Community-Provided Measures](#)

[Patient Outcome Measures](#)

EMS Clinical Performance Measures

Coverdell Data Quality

Percentage of suspected-stroke transports with a blood glucose checked and recorded

Year & Quarter

County

Agency Num-EmsAgencyNum...

Business Rule

Total Result

6,904

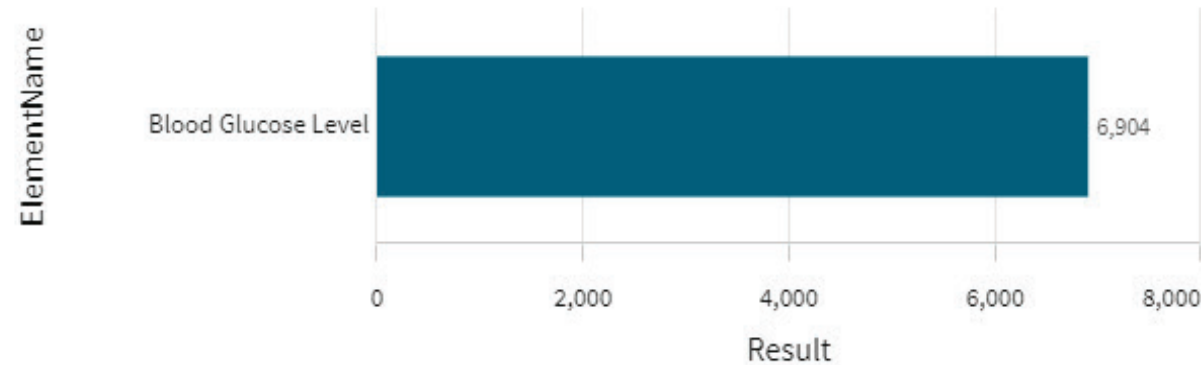
Total Calls

48,338

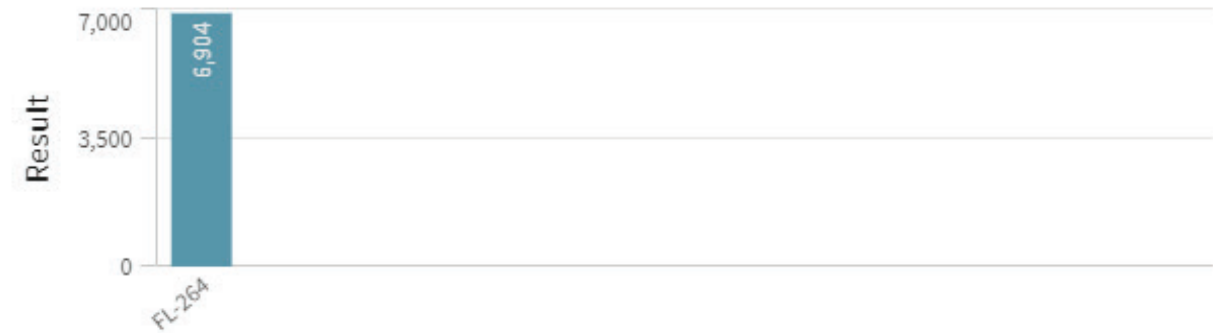
Top Result

667

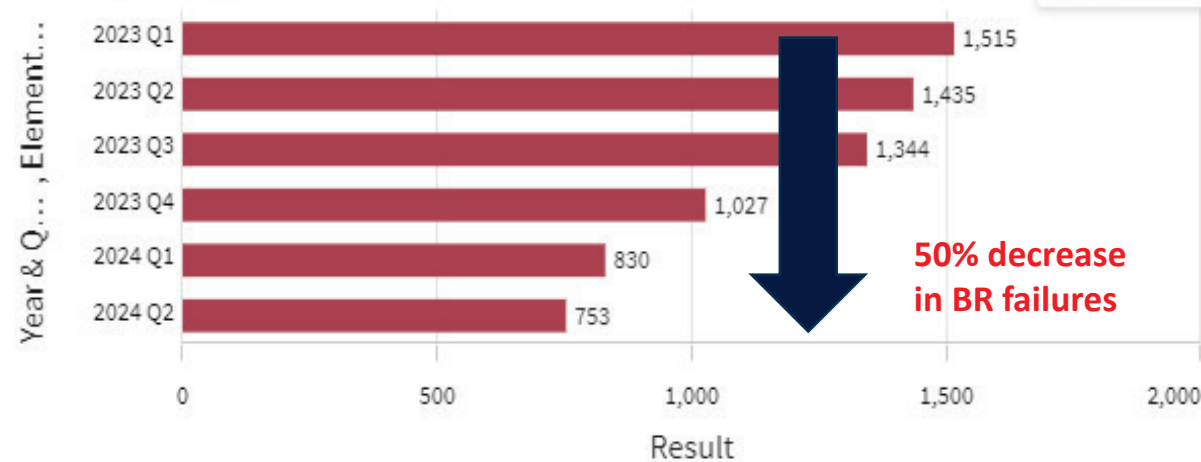
Result by Element



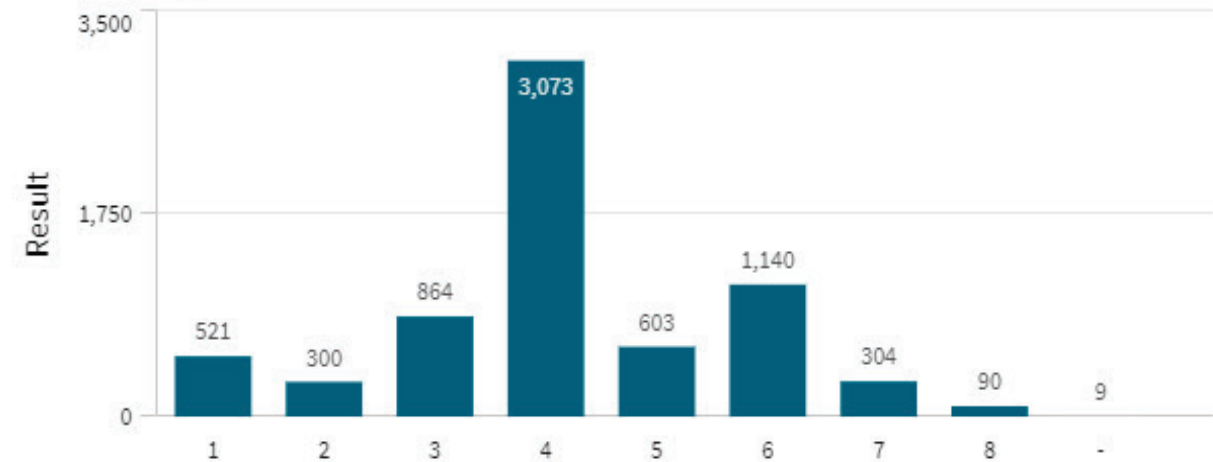
Result by Business Rule



Result by Year-Quarter & Element



Result by Region



FY 23/24 OBJECTIVES



DATA QUALITY SCORE

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

Completeness

Timeliness

Accuracy

Relevancy

DATA QUALITY METRICS

Each quality metric has its own measures to calculate the metric score.

All metric scores are used to calculate the overall Data Quality Score

FY 23/24 OBJECTIVES

DATA QUALITY
SCORE

Dashboard

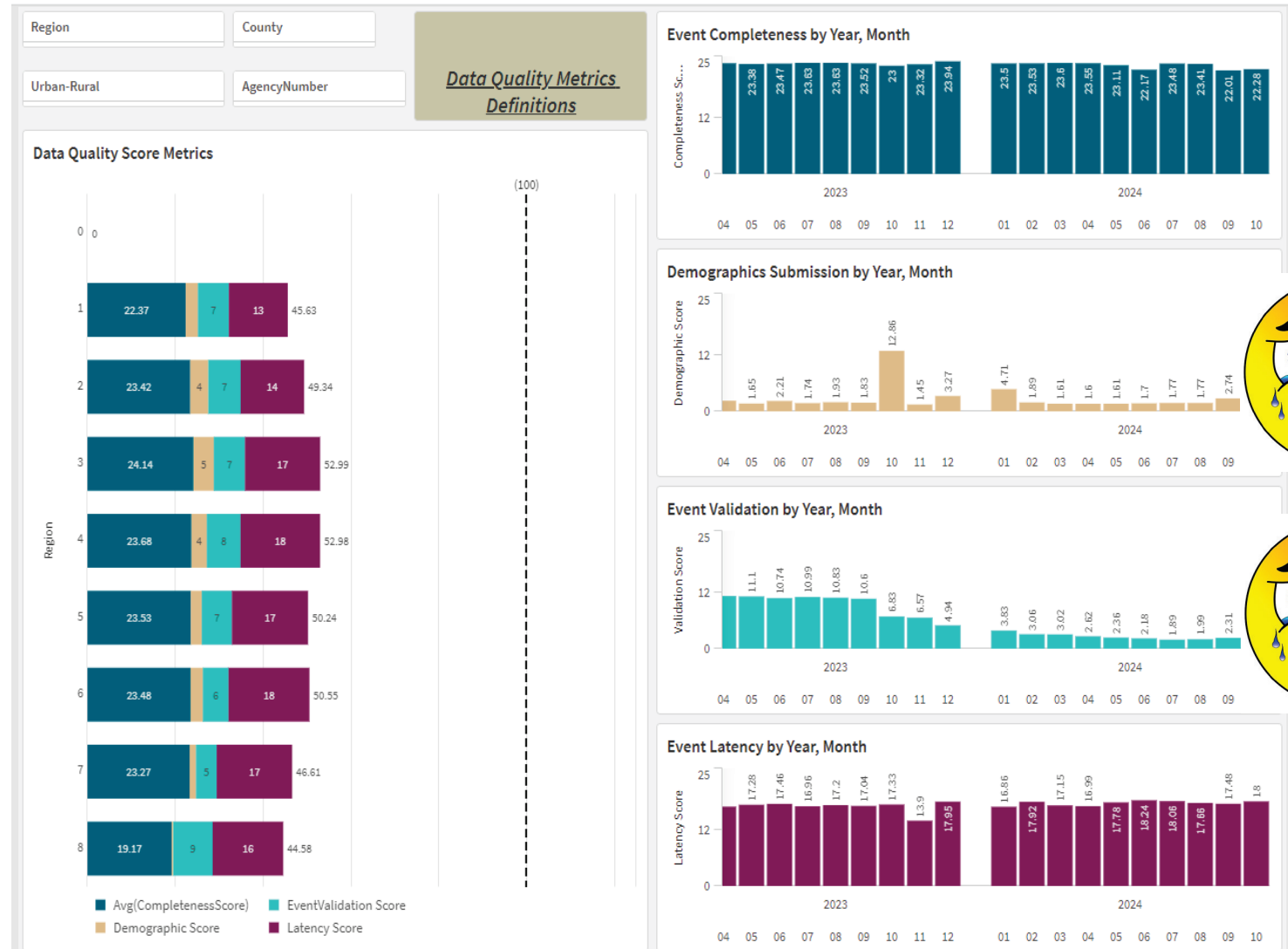
COMPLETENESS

TIMELINESS

TIMELINESS

ACCURACY

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



DATA QUALITY SCORE



RELEVANCY

- Similar to the Accuracy but focuses on measuring accuracy of elements within the selected operational or clinical performance measures



FY 23/24 OBJECTIVES



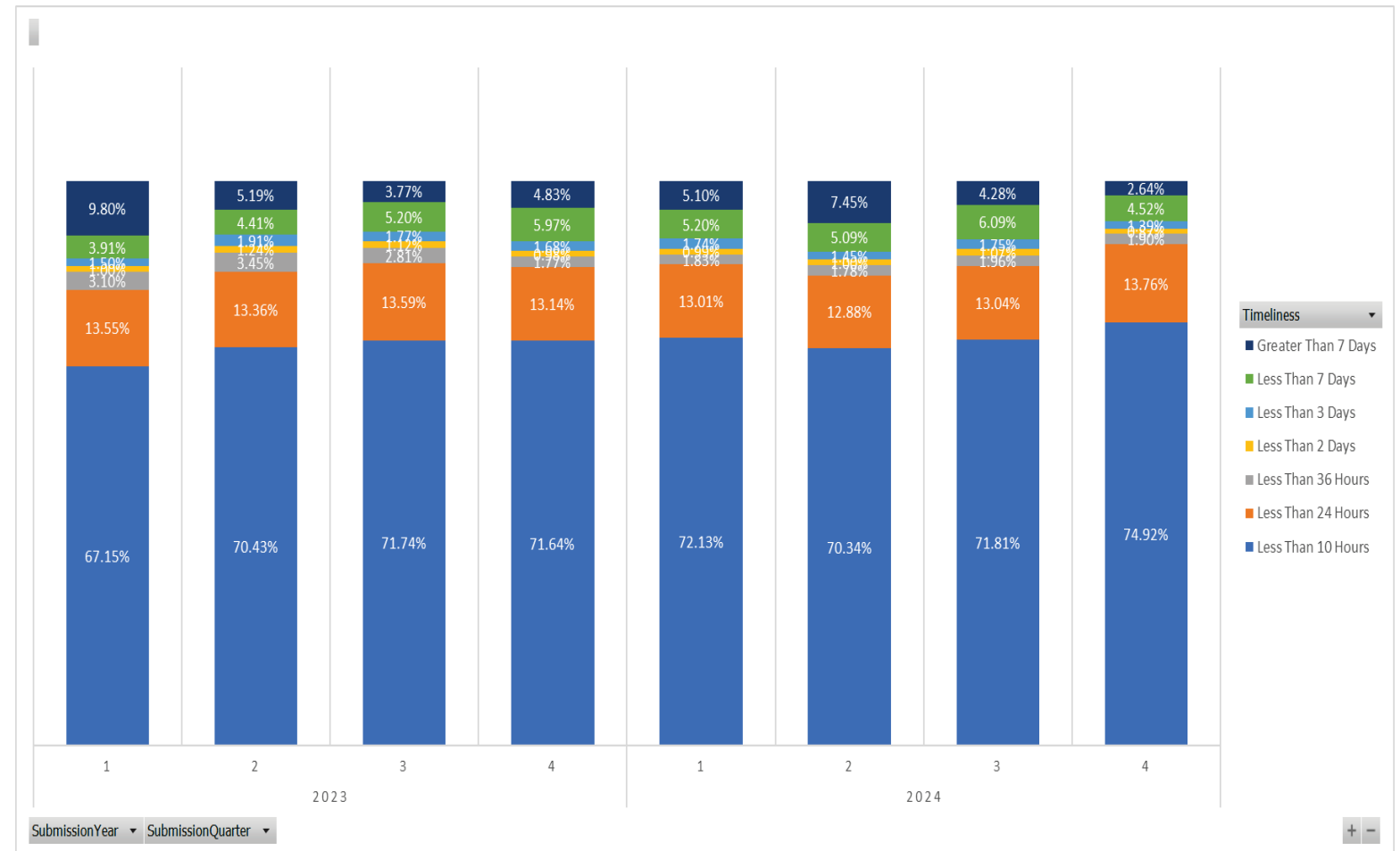
Timeliness

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

74.92%

Qtr 4 2024

1.53% increase



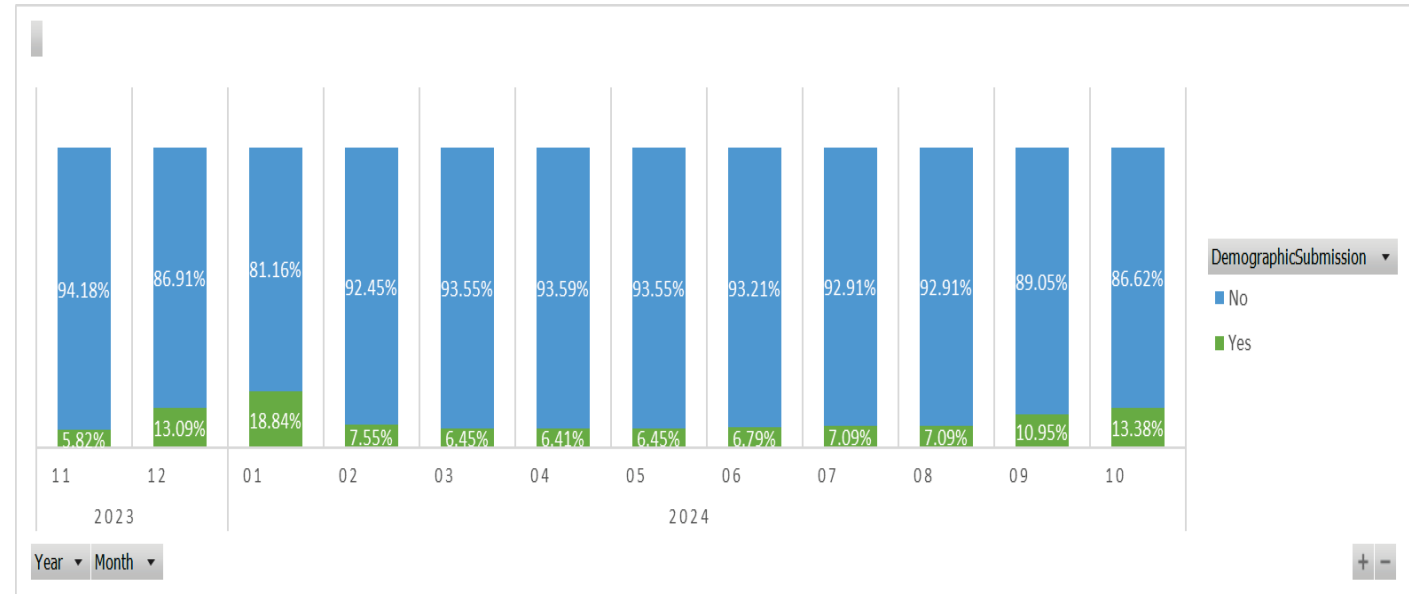
FY 23/24 Objectives



Timeliness

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

13.38%
6.3% increase ↑



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

FY 23/24 Objectives



Current integrations within Biospatial

Integration

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

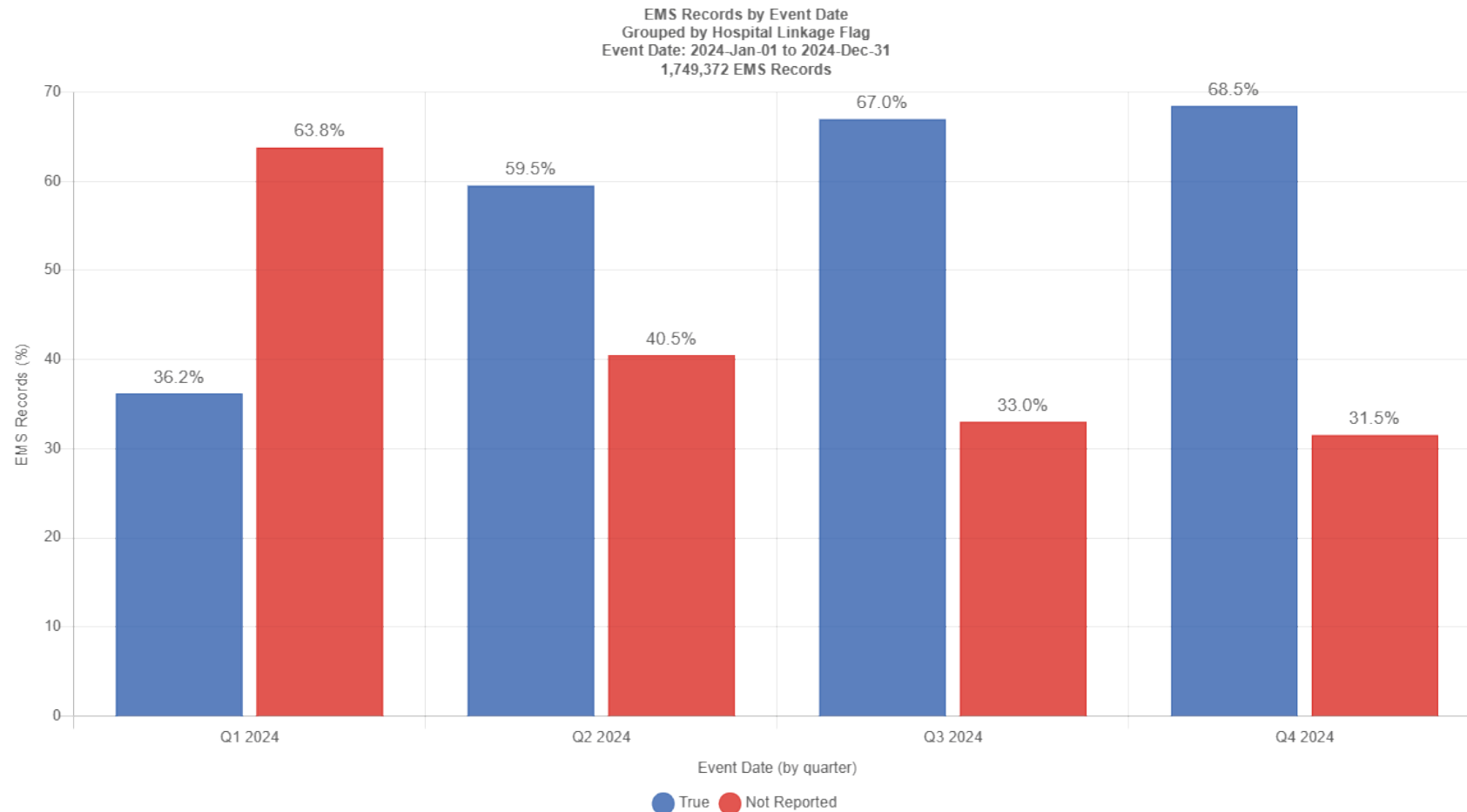
- Health Information Exchange
- Crash Records – *automated feed TBD – waiting for MOU finalization*
- ESSENSE Integration
- Trauma Data (no formal linkage)
- Florida Stroke Registry in progress
 - ✓ Requirements – complete
 - ✓ Implementation – 10/23
 - ✓ Data Use Agreement executed
 - ✓ Export configuration completed
- Cardiac Registry (CARES)– in progress – Jan 2025



Florida HIE Linkage – 68.5%



Integration



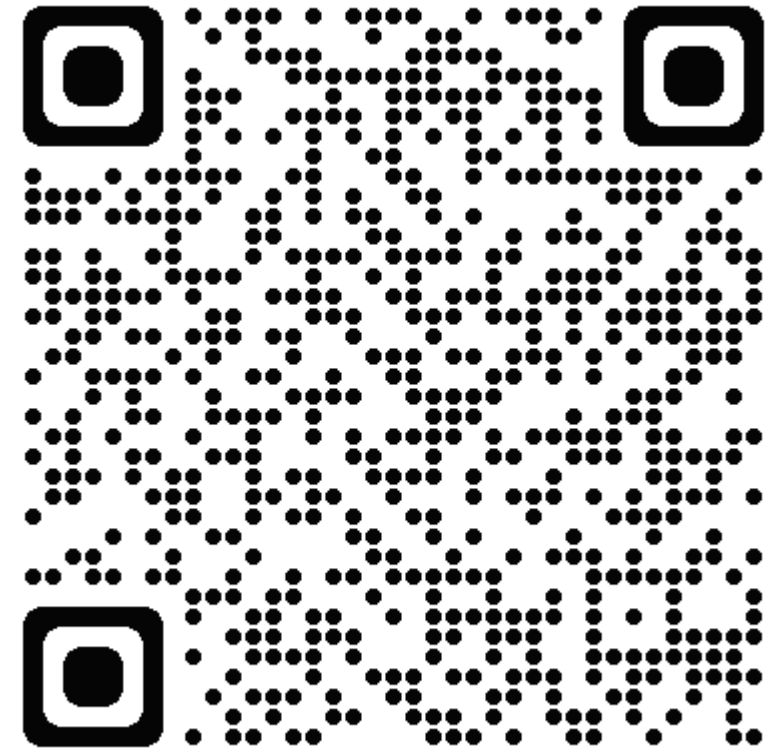
EMS Field Data Collection



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



ELECTRONIC LICENSE AND VEHICLE INFORMATION SYSTEM (ELVIS)

Florida State University

ELVIS

Electronic License and Vehicle
Information System

www.elvisflorida.org

ELVIS TRCC UPDATE December 13, 2024

Better Data, Safer Roads.

OR

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

Vehicle Registration

This registration may be expired.

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

Driver Summary



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

First Registered Owner

Full Name		
LICENSE, GALINDO-CLINE ONE PAO		
License Number	Sex	Date of Birth
L252294615010	F	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
- New Support / Jr. Developer TBD

December 2024 Statistics

Current ELVIS Usage

- 287 Agencies (net even since September)
- 38,528 user accounts (+810 since September)
- 4,563,047 queries run this fiscal year
- Nearly 1.8M queries per month
 - Increase of ~200,000 queries per month over September numbers

FY23-24

- **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
 - 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
 - Florida State College at Jacksonville
 - Seminole Gulf Railway Police Department
 - Added 2 new agencies since September meeting
 - 810 new users
 - Increase of approx. 200,000 queries per month since last TRCC meeting
 - Evaluating future hardware requirements based on continuing increase in usage and current limitations
 - Last FY up-time was 99.51% averaged over the entire year

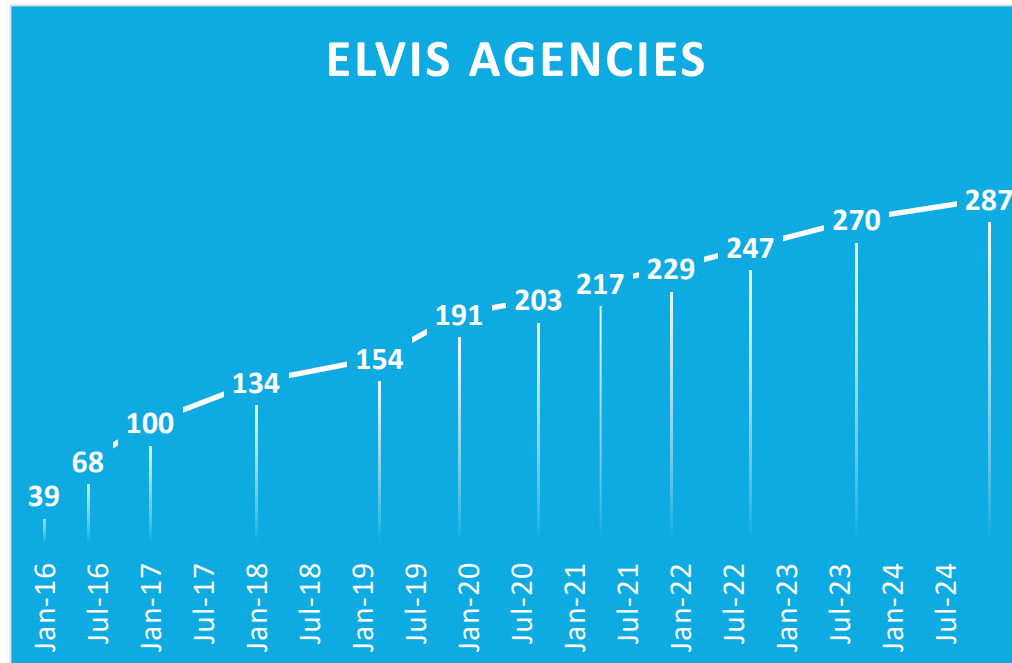
- **Upcoming Changes**

- Hiring a new Support + Jr. Development Position
 - Adding additional record-keeping functionality for audits
 - Testing new RMS integration with Axon

ELVIS Usage over time, 2016-Present

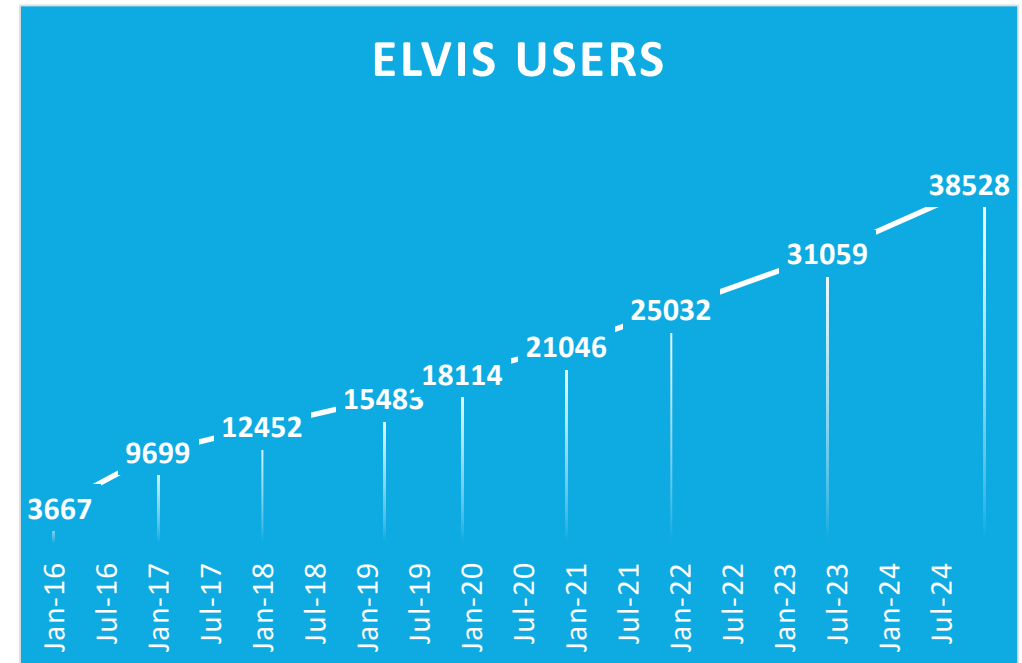
Law Enforcement Agencies

- 1/2016: 39
- 9/2024: 287



User Accounts

- 1/2016: 3,667
- 9/2024: 38,528

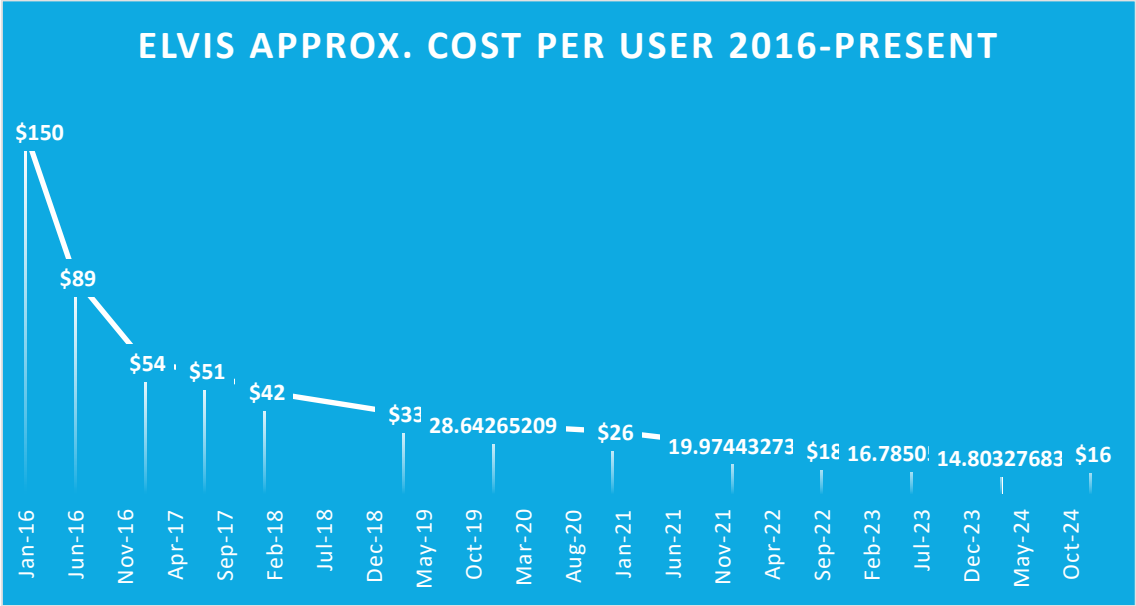


ELVIS Cost per User

FY24-25 Total Funding Request: \$632,875

Total users (as of 12/13/24): 38,528

Avg. Cost Per User: \$16.43



Thank You

QUESTIONS?



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

University of Florida



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

University of Florida



TRACS, EVLIS, S4 DIAGRAM AND GEOLOCATION INTEGRATION DEMO

Amy Pontillo, TraCS



PUBLIC COMMENT

Chris Craig, FDOT



WRAP UP AND NEXT STEPS

Chris Craig, FDOT

9 PEOPLE **& 44** ARE SERIOUSLY
DIE INJURED

on Florida's roadways
EVERY DAY.

They are all someone's family, friend, or loved one.
Even one fatality or serious injury is unacceptable.

TARGET
ZERO
FATALITIES & SERIOUS INJURIES



We are committed to
eliminating fatalities and
serious injuries on the
transportation system.

The **Strategic Highway
Safety Plan** (SHSP) will guide
how we get there.

Scan to visit the
2026 SHSP website
to *help us get to ZERO*



WRAP UP AND NEXT STEPS



- Upcoming TRCC Meetings
 - April 4th, 2025
 - June 27th, 2025
 - September 19th, 2025



THANK YOU AND SAFE TRAVELS!