



FLORIDA'S TRAFFIC RECORDS COORDINATING COMMITTEE

Executive Board Meeting

presented to

TRCC

September 13, 2024





WELCOME AND INTRODUCTIONS

Chris Craig, FDOT

WELCOME AND INTRODUCTIONS



- Name
- Agency
- Voting Member



JUNE 2024 MEETING MINUTES



DATA WHEN, WHERE, AND HOW YOU NEED IT

TRAFFIC RECORDS COORDINATING COMMITTEE MEETING REPORT

JUNE 21, 2024



Prepared For:

FLORIDA DEPARTMENT OF TRANSPORTATION

Prepared By:

CHRIS CRAIG, TRAFFIC SAFETY ADMINISTRATOR

Meeting Notes Taken By:

CAMBRIDGE SYSTEMATICS, INC.

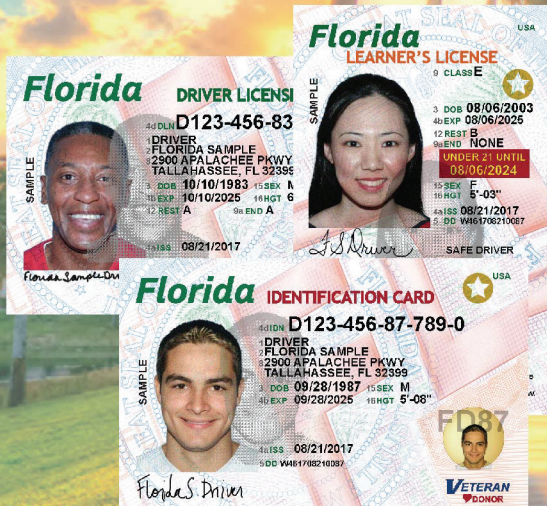


FLTrafficRecords.com | 1



CRASH AND UNIFORM TRAFFIC CITATION (UTC) DATA IMPROVEMENT

Florida Department of Highway Safety and Motor Vehicles



FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



FFY 2024

Crash & UTC Data Improvement Grant

Melissa Gonzalez, Operations & Management Consultant Manager

Crash Objective 1: Establish a timeline with goals for each remaining paper-submitting LEA to achieve full adoption of electronic crash reporting.

	Paper LEAs	Crash Counts: 2022	Crash Counts: 2023	Status September 2024
1	CORAL GABLES PD	2507	325	Transitioned Successfully -2023
2	COCOA PD	911	982	Transitioned Successfully- 2/12/24
3	RIVIERA BEACH PD	4	5	Transitioned Successfully- 3/5/24
4	LANTANA PD	562	602	Transitioned Successfully- 6/14/24
5	INDIAN RIVER CO SO	2372	2265	Transitioned Successfully- 7/12/24
6	GREEN COVE SPRINGS PD	233	236	Transitioned Successfully- 7/17/24
7	SUNNY ISLES PD	673	697	Transitioned Successfully- 8/1/24
8	PASCO CO SO	73	95	GO LIVE: tentative Sept/Oct
9	ORANGE PARK PD	362	474	In-Progress: PROD Environment IP Setup
10	PALM BEACH PD	58	407	Submissions are IN - ZIP FILE issues
11	PALM BEACH CO SCHOOL BOARD PD	173	242	In-Progress: Contact made; Vendor setup;
12	DUVAL CO SCHOOL BOARD PD	68	75	In-Progress: TraCS
13	FL INTERNATIONAL UNIV POLICE	160	180	Contact made; Items needed: equipment and software
14	MILTON PD	450	527	Contact made; Items needed: equipment and software
15	SHALIMAR PD	19	17	Contact made; Items needed: equipment and software
16	FL SCHOOL FOR DEAF AND BLIND CAMPUS PD	5	5	Contact made; Items needed: equipment and software; TraCS demo 8/12/24
17	MARION CO SO	0	15	Confirmed does not write crashes- 7/3/24
18	DADE CO SCHOOL BOARD PD	361	404	No responses received
19	INTERLACHEN PD	33	38	No responses received

Next Steps:

- ❖ Distribute equipment
- ❖ Provide Onboarding Assistance

Crash Objective 2

Conduct four state-wide LEA trainings on the importance of electronic crash reporting and data quality to improve crash data.

Status Update:

Curriculum/presentation finalized and printed

Flyer distributed for registration

Training Date/Location/Attendees

- 9/9 at St. Johns County Sheriff's Office – St. Augustine (52 attendees)
- 9/12 at FHP Troop C – Tampa (50 attendees)
- 9/16 at FLHSMV – Tallahassee (48 registrants)
- 9/19 at FDOT – Ft. Lauderdale (108 registrants)

Crash Objective 2

Conduct four state-wide LEA trainings on the importance of electronic crash reporting and data quality to improve crash data.



UNIFORM TRAFFIC CRASH REPORTING TRAINING SESSION 2024

Meet the Crash Team

Take advantage of this face-to-face educational opportunity with FLHSMV to learn and ask questions about the crash reporting process.

Focus areas include:

- A high-level outline of the Electronic Crash Reporting Process.
- Insight on the best standard practices for filling out parts of the FL Traffic Crash Report.
- Understanding Load Error reports and preventing common errors.
- Improving data accuracy for various state and federal programs such as Fatality Analysis Reporting System.
- Demonstration of the Signal Four Analytics Geolocation-Diagram Tool.



[Click Here to Fill Out Survey Online](#)

Locations and Times

Monday, September 9th
1:00pm - 4:00pm

St. Johns County Sheriff's Office
911 Law Enforcement Way, St.
Augustine, FL 32092

Thursday, September 12th
9:00am - 12:00pm

FHP Troop C
11305 N Malcolm McKinley Dr,
Tampa, FL 33617

Monday, September 16th
9:00am - 12:00pm

FLHSMV
2900 Apalachee Parkway,
Tallahassee

Thursday, September 19th
9:00am - 12:00pm

FDOT D4
3400 West Commercial Blvd.,
Fort Lauderdale, FL, 33309

**Interested in
Attending?**

Fill Out the Survey
Below:



UTC Objective 3

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

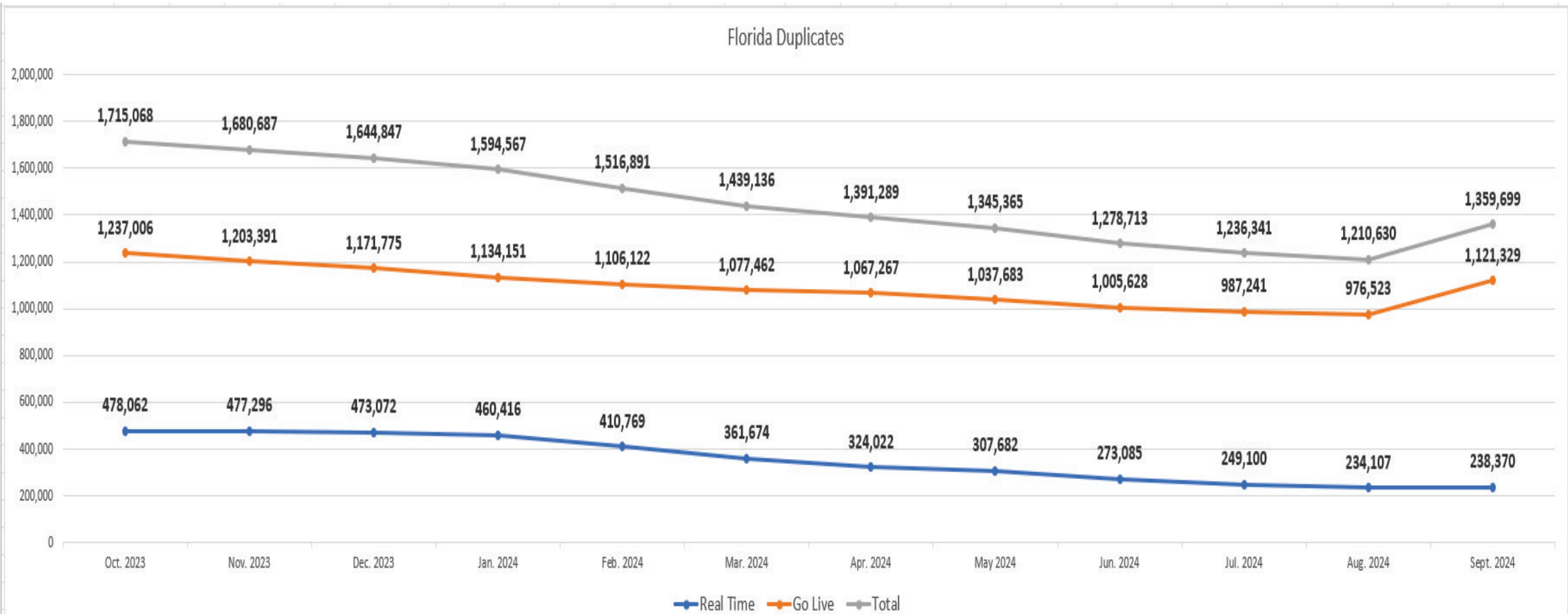
Status Update:

OPS Record Techs have resolved the following # of duplicates:

- Q1 (Oct to Dec):	31,045
- Q2 (Jan to March):	33,584
- Q3 (April to June):	29,730
- Q4 (July to Sept):	15,756

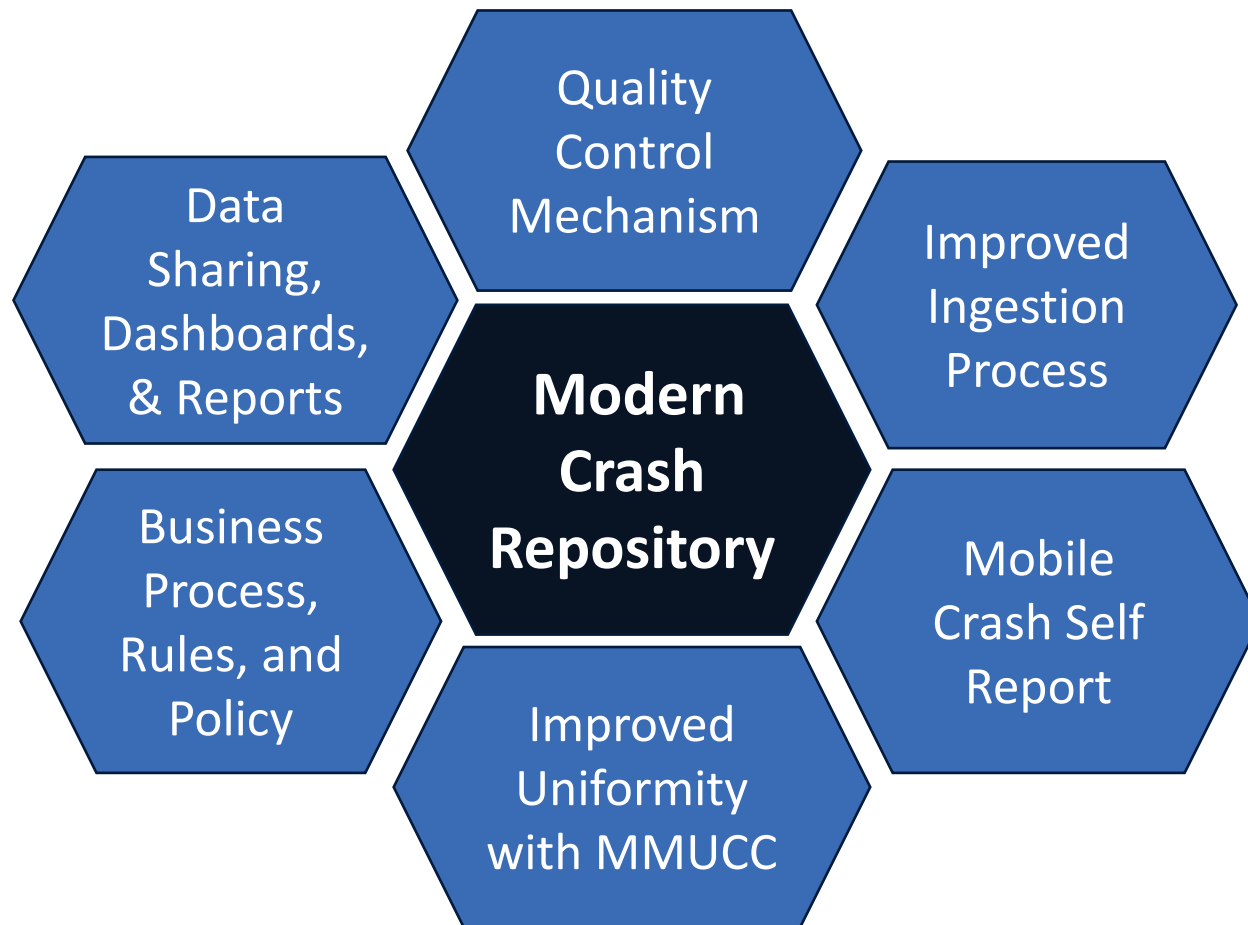
Duplicates are:

- **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: October 2023- September 2024

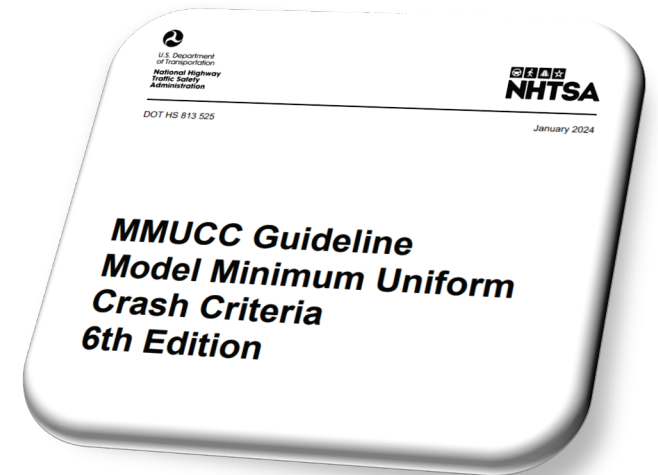
SEDC Grant Scope of Work

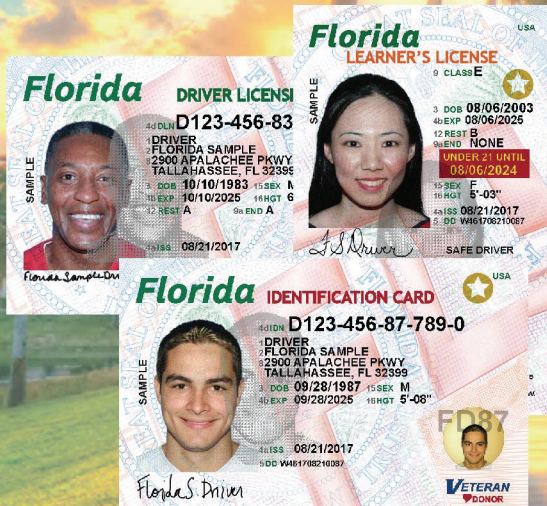


Modernize the crash model by improving data collection, quality, distribution and enhancing the value of traffic safety initiatives.

SEDC MMUCC 6th Edition Alignment Next Steps (*tentative*)

- NHTSA MMUCC 6th Edition Mapping Report completed July 2024
- FLHSMV and FDOT/Cambridge Systematics coordination effort
 - Develop crosswalk of MMUCC Mapping Report
 - Draft revised crash report PDF
 - Meet with traffic safety partners/coalitions to seek feedback on revised format





FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES

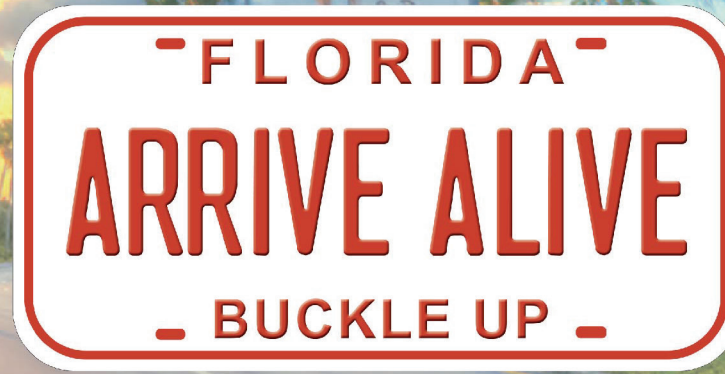
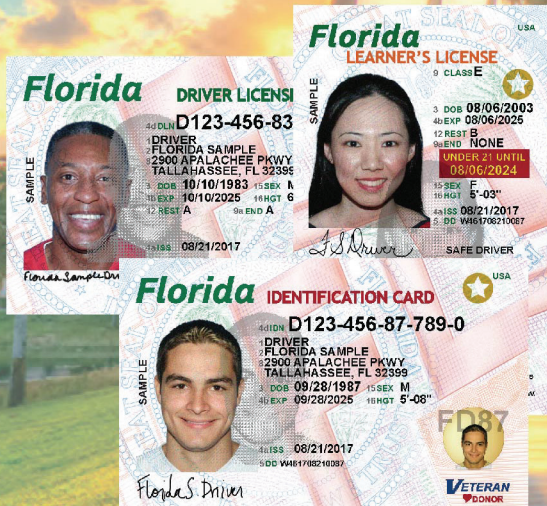


FFY 2024 Crash & UTC Data Improvement Grant



DRIVER AND VEHICLE DATA QUALITY IMPROVEMENT

Florida Department of Highway Safety and Motor Vehicles



FLHSMV
FLORIDA HIGHWAY SAFETY AND MOTOR VEHICLES



FFY 2024 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.

Driver Data Sets

AAMVA D20 Data Dictionary

Provides standard terminology and coding instructions

➤ **Uniformity** - Percent of AAMVA D20 Driver Data Elements present in FLHSMV Driver Data system.

- **Baseline:** 97.39%
 - We have 100% of elements required by federal regulations and interstate agreements
- **Target:** 100% all D20 elements

➤ **Recommendations**

- Consult with relevant FLHSMV units to prepare a plan for capturing remaining AAMVA D20 data elements
- Consult external standards (like the AAMVA D20) when adding new data elements to ensure conformance

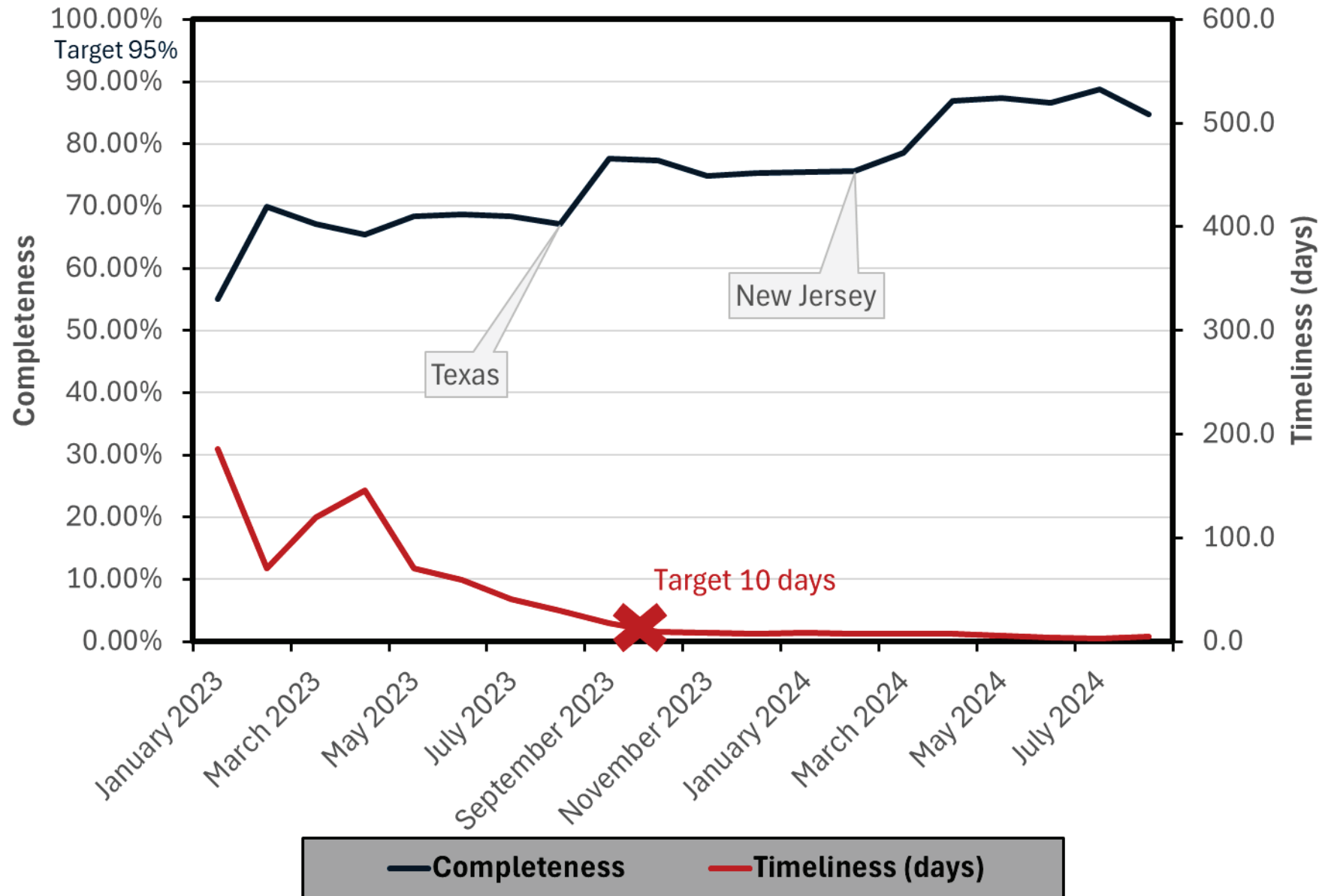
	Elements		
Section	D20	FLHSMV	Score
Driver	46	44	95.65%
Driver Education and Improvement	7	6	85.71%
Driver License	30	30	100.00%
Driver License Review	9	9	100.00%
Driver Permit	8	8	100.00%
Driver Restriction	3	3	100.00%
Driver License Withdrawal	12	12	100.00%
Driving Test	42	42	100.00%
Totals	115	112	97.39%

Driver Data Sets (cont.)

Driver History Record (DHR)

- **Completeness** - Percent of OOS surrender records with a DHR receipt.
 - **Baseline:** 0.83%
 - **Status:** 84.00% as of August 2024
 - **Target:** 95%
 - 11 jurisdictions to implement S2S by October 2025
- **Timeliness** - Time from driver license issuance to DHR receipt.
 - **Baseline:** 110 Days
 - **Status:** 4.5 days as of August 2024
 - **Target:** 10 days (**achieved**)
- **Recommendation** – Continuing monitoring through 2025 as more states come online to ensure the system is working as expected.

S2S DHR Completeness and Timeliness

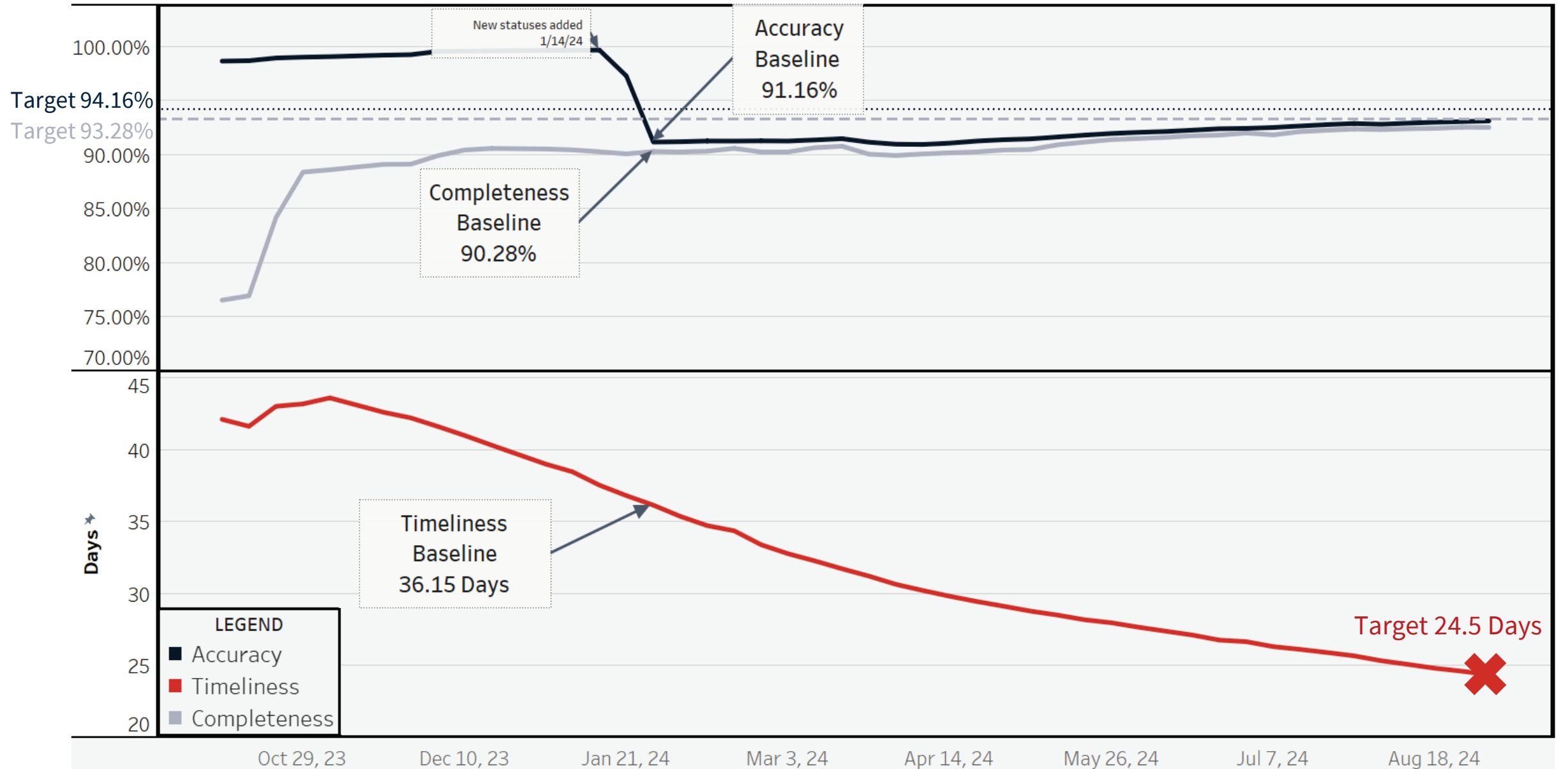


Driver Data Sets (cont.)

State Pointer Exchange System (SPEXS) Data

- **Accuracy** – Percent of valid records not in Error status
 - **Baseline:** 91.16%
 - **Target:** 94.16%
- **Completeness** - Percent of valid records in Complete status
 - **Baseline:** 90.28%
 - **Target:** 93.28%
- **Timeliness** - Days in SPEXS Queue
 - **Baseline:** 36 days
 - **Target:** 24.5 days (**achieved**)
- **Recommendation** – Continue tracking and analyzing data (determine impacts of changes, error volume)
 - Fill additional positions approved under Crash and UTC Grant

SPEXS Accuracy, Completeness, Timeliness



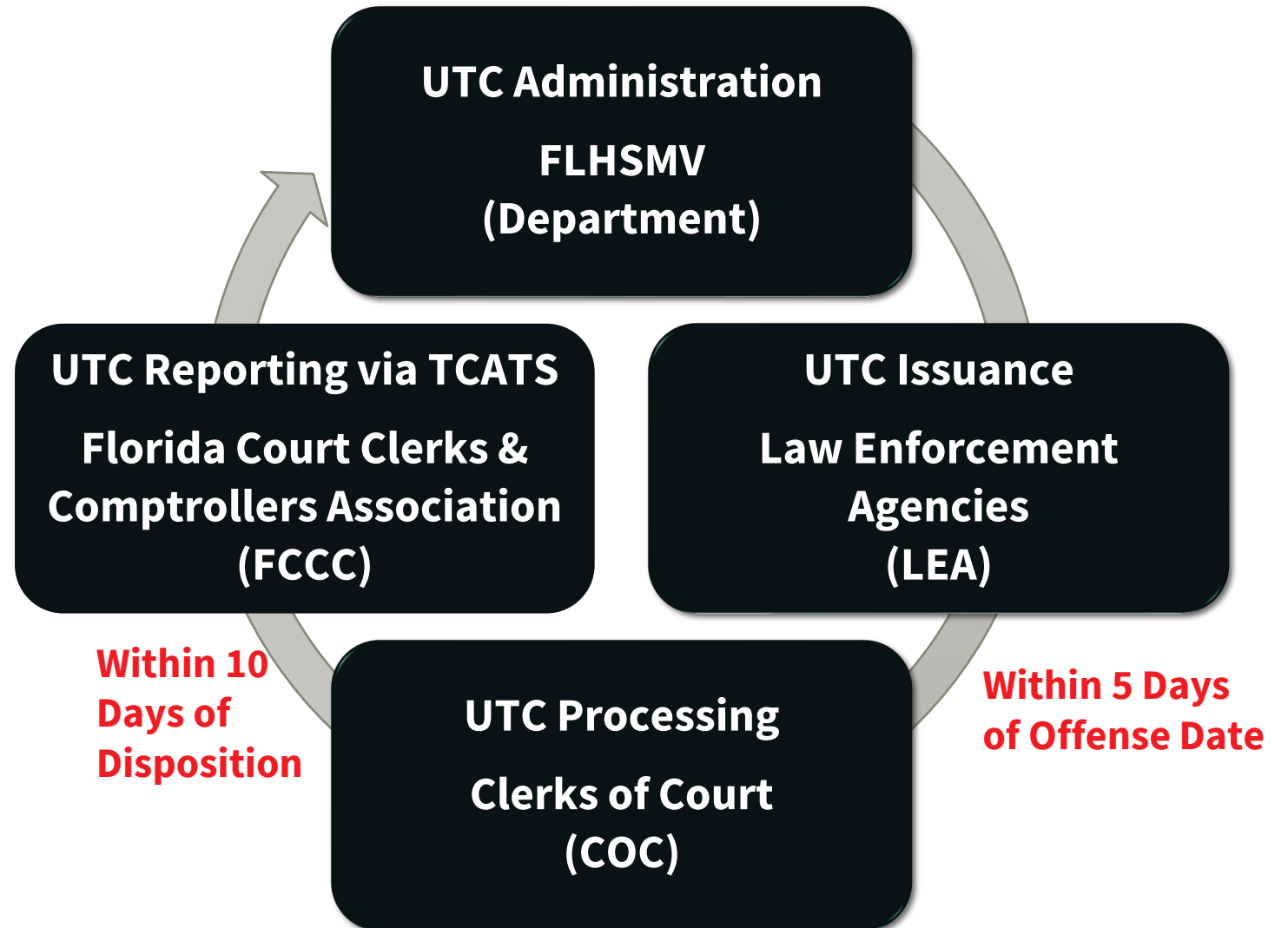
Driver Data Sets (cont.)

Disposition Completeness on the Driver Record

- **Completeness** – Reduce the number of dispositions with an offense over a year old that have been closed/disposed but haven't been returned to FLHSMV
 - Roughly 0.5% of all dispositions
 - **Status:** 99.55% - Sept. 2024
 - Clerks of Court are reviewing data and training with FLHSMV Liaisons to improve disposition submission. HSMV is working on tools to help the liaisons.
 - **Baseline:** 99.49%
 - **Target:** 99.52% (achieved)
- **Recommendation** – Automate data load from FCCC and have liaisons use tools provided by HSMV to continue improving completeness.

Uniform Traffic Citation (UTC) Process Cycle

UTCs are legal notices issued by law enforcement to motorists for traffic violations



Vehicle Data Sets

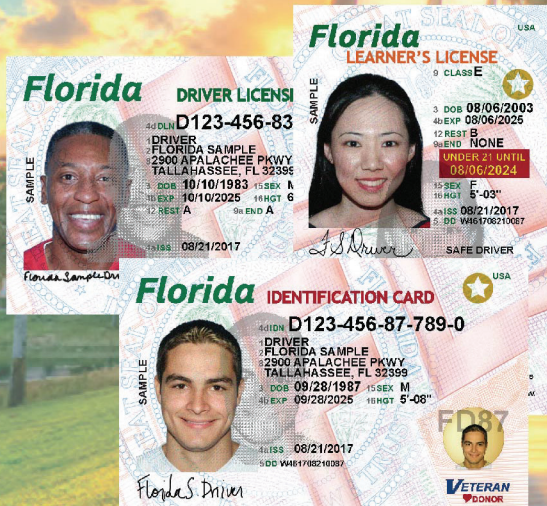
Vehicle Weight

- **Accuracy** - Percent of registration transactions where vehicles are within 50% of average weight (make/model/year) or under 2,000 lbs.
 - **Baseline:** 99.56%
 - **Target:** 99.58% (**achieved**)
- **Recommendation** – Use vehicle weight accuracy report to monitor accuracy and prioritize agencies for training.
 - Update vehicle weights on registration renewals
 - Add minimum weight thresholds to records system
 - Explore vehicle weight information encoded in the VIN

Vehicle Data Sets (cont.)

Fuel Type

- Data collection not required (and not included on MCO)
- **Completeness** - Percent of registered vehicles with a fuel type
 - **Baseline:** 12.89%
 - **Target:** 16.00% (**achieved**)
- Integrated VINtelligence with our data to decode fuel type from the VIN
- Retroactive decoding has improved fuel type **Completeness to 98.39%**
- **Recommendation** – Continue decoding fuel type from VIN and improve accessibility of that data.
 - Decode fuel type from VIN during registration transaction



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



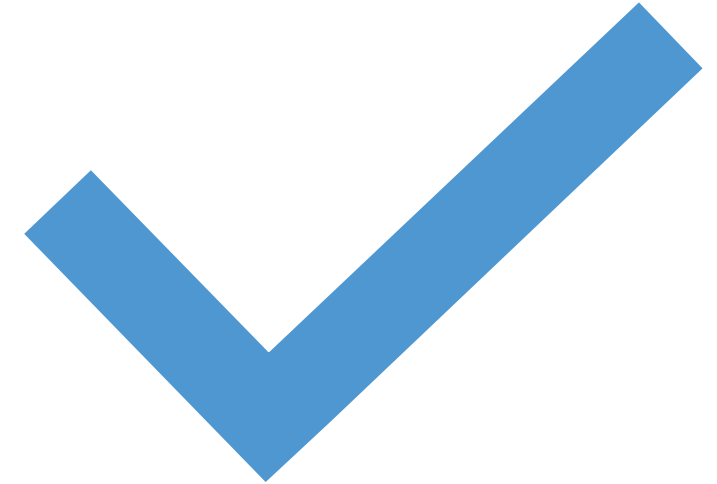
September 13, 2024

EMS Field Data Collection



FY 23/24

Review of Grant Objectives & Status



Luis Dominguez
Project Director

Brenda Clotfelter
Project Manager

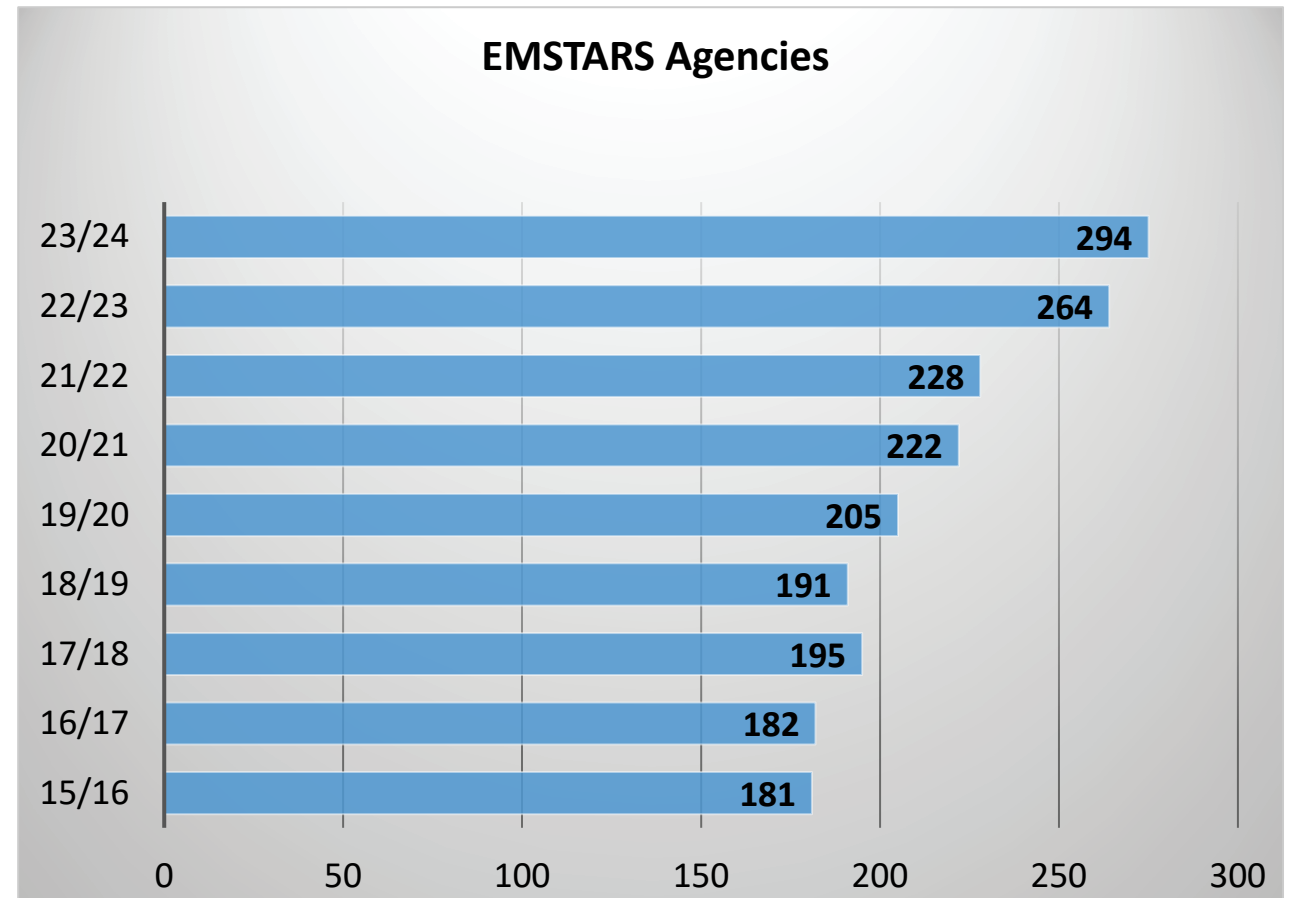
FY 23/24 Objectives



Completeness

Increase % of EMS agencies submitting to state incident level repository to 99% by September 30, 2024

88%



331 Total Licensed Agencies

294 Agencies in EMSTAR – included 11 subagencies

9 Pending

39 Aggregate

FY 23/24 Objectives

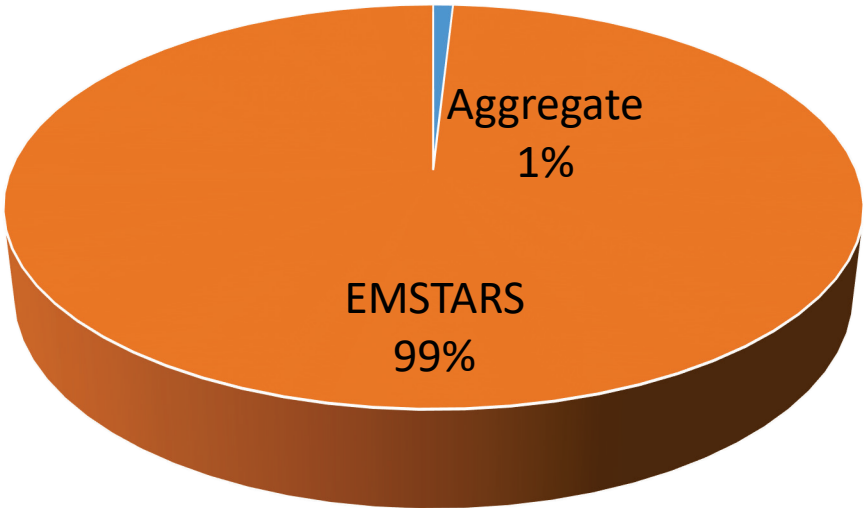


Completeness

Increase % of EMS emergency run reports submissions to the state repository to 100% by September 30, 2024.



99%



	2023	2024 Qtr 3
EMSTAR/biospatial	4,977,117	3,519,295
Aggregate	101,722	36,343
Totals	5,078,839	3,555,638
% EMSTAR	98%	99%

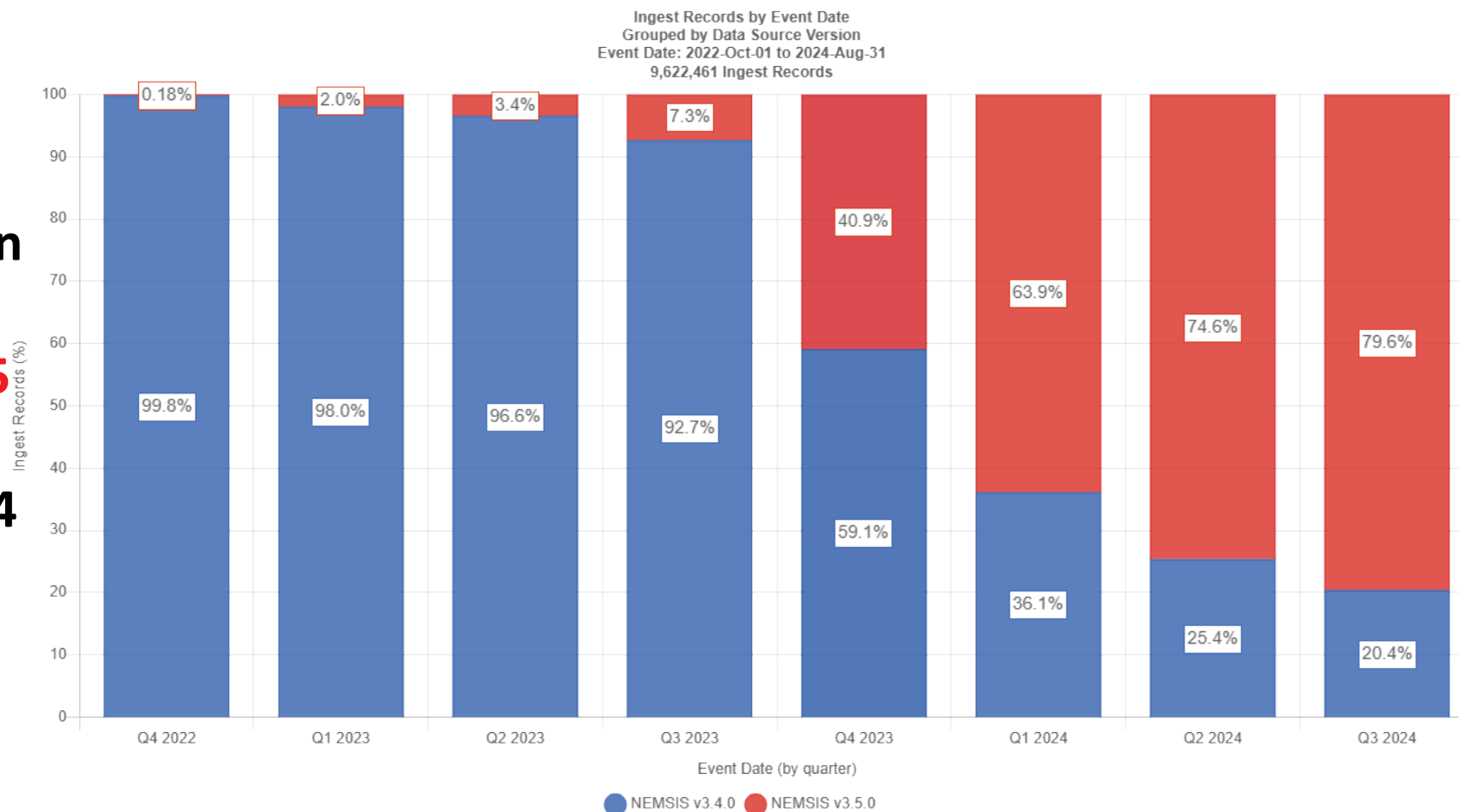
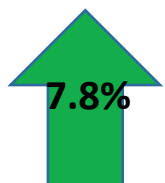
FY 23/24 Objectives



Uniformity

Increase % of EMS
emergency run
reports submitted in
compliance with
NEMESIS **Version 3.5**
to 80% by
September 30, 2024

79.6%





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, 2024.

- ✓ Completed Florida Data Dictionary update for V3.5
- ✓ Completed Monthly updates to State Data Set - August
- ✓ Completed Quarterly Business Rules Review
- ✓ Completed Business Rule Schematron Update - August
- ✓ V3.5.1 changes under review – Revised target 12/24 - standard not final

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 Director attended NASEMSO annual meeting in May

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

- ✓ EMSAC Data Committee
 - 1/10/24 – completed
 - 3/20/24 - completed (BR subcommittee)
 - 6/12/24 – 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, 2024 (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, 2024 (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

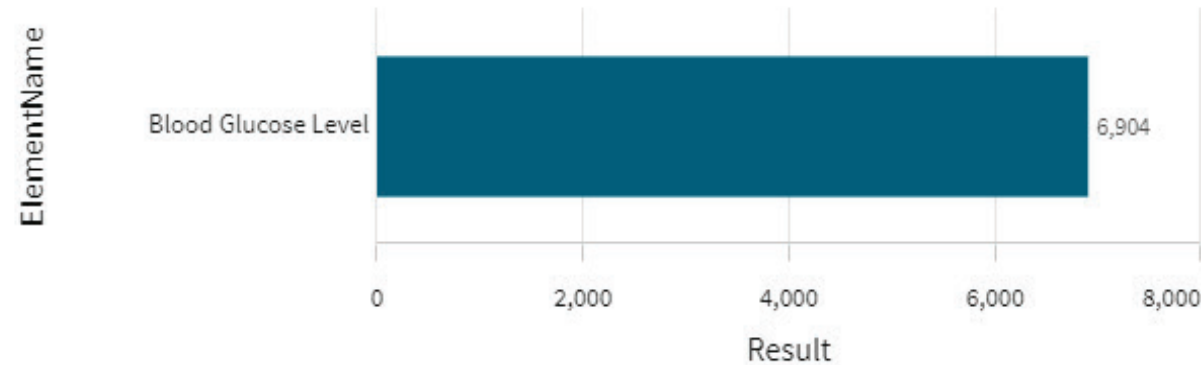
Total Calls

48,338

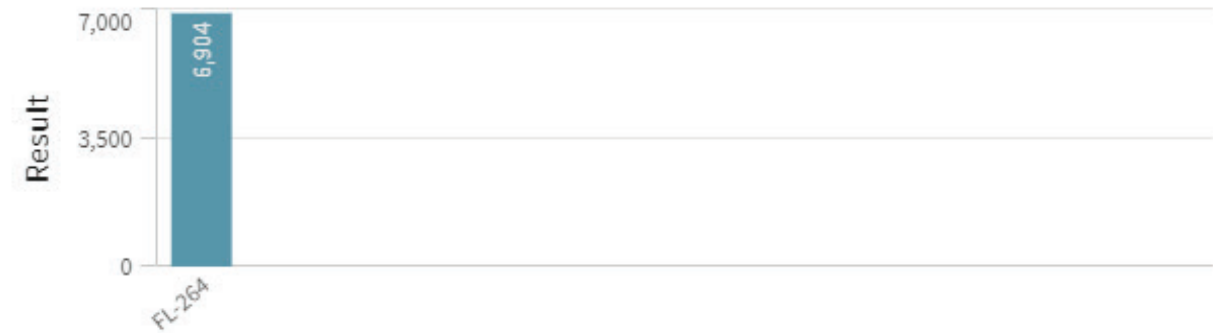
Top Result

667

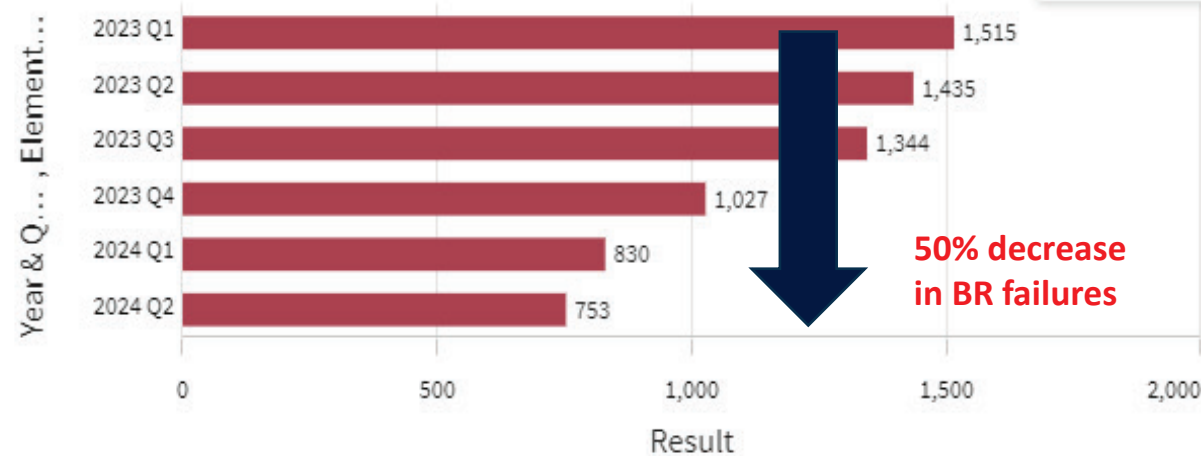
Result by Element



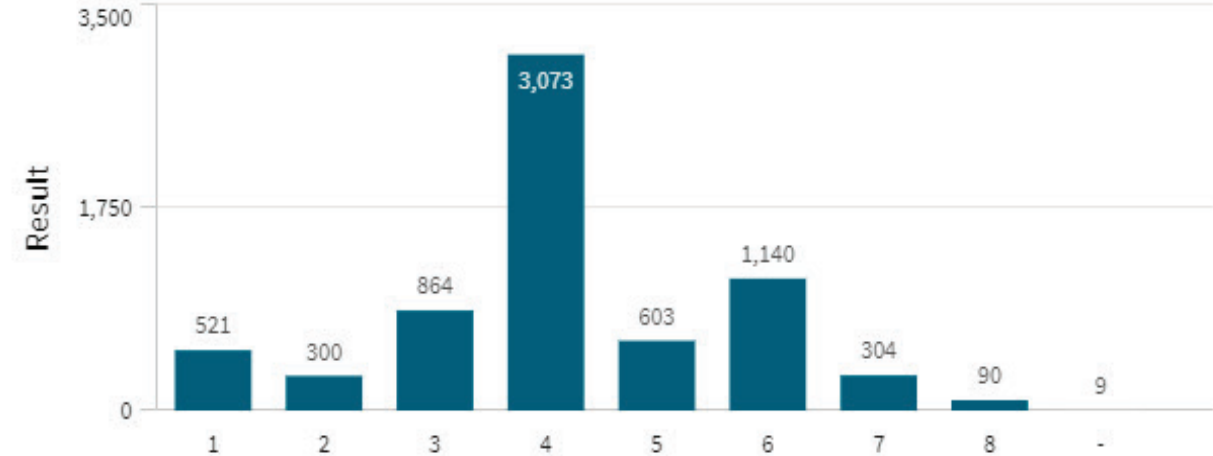
Result by Business Rule



Result by Year-Quarter & Element



Result by Region



State Strategic Plan Measures

Non-traumatic Cardiac Arrest Bystander CPR

Non-traumatic Cardiac Arrest ROSC

STEMI Facility Transport

STEMI On-scene Time

Stroke Facility Transport

Stroke On-scene Time (FL)

Trauma Facility Transport

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.

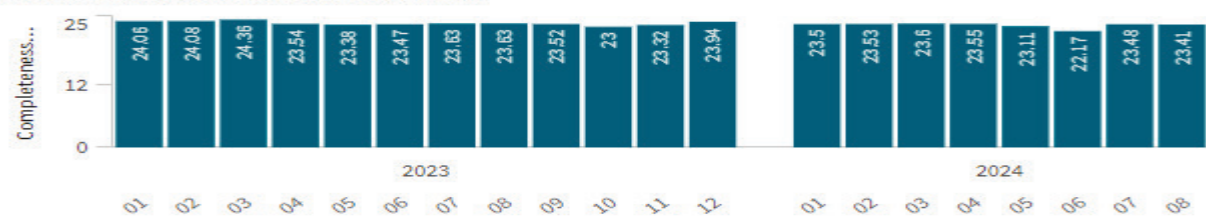
All metric scores are used to calculate the overall Data Quality Score

FY 23/24 OBJECTIVES

DATA QUALITY
SCORE
Dashboard

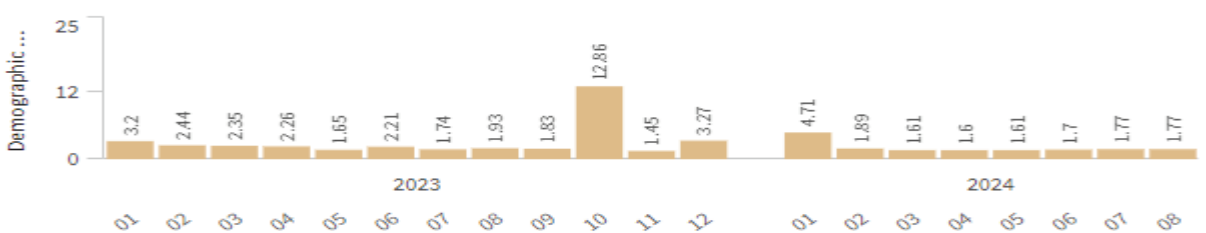
COMPLETENESS

Event Completeness by Year, Month



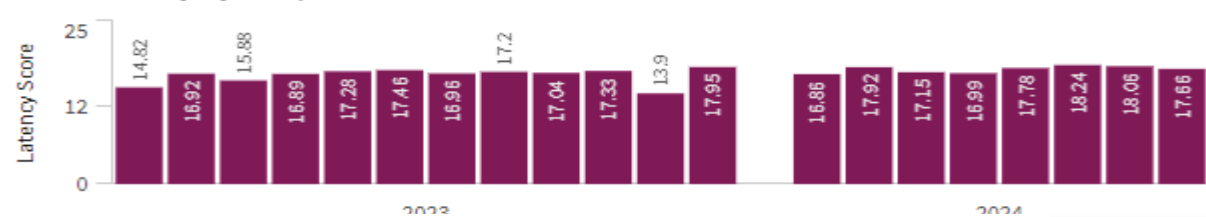
TIMELINESS

Demographics Submission by Year, Month



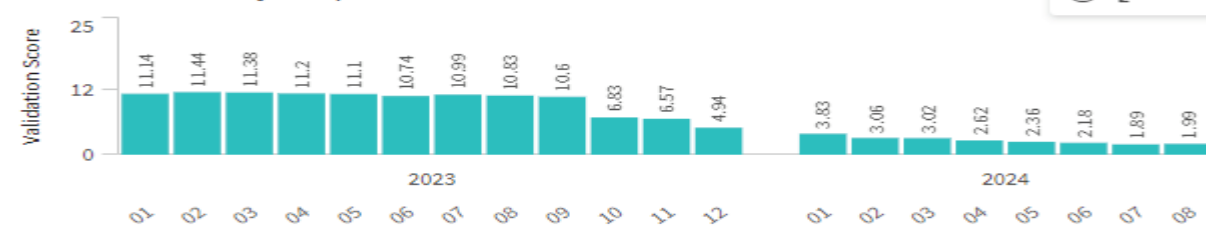
TIMELINESS

Event Latency by Year, Month



ACCURACY

Event Validation by Year, Month



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

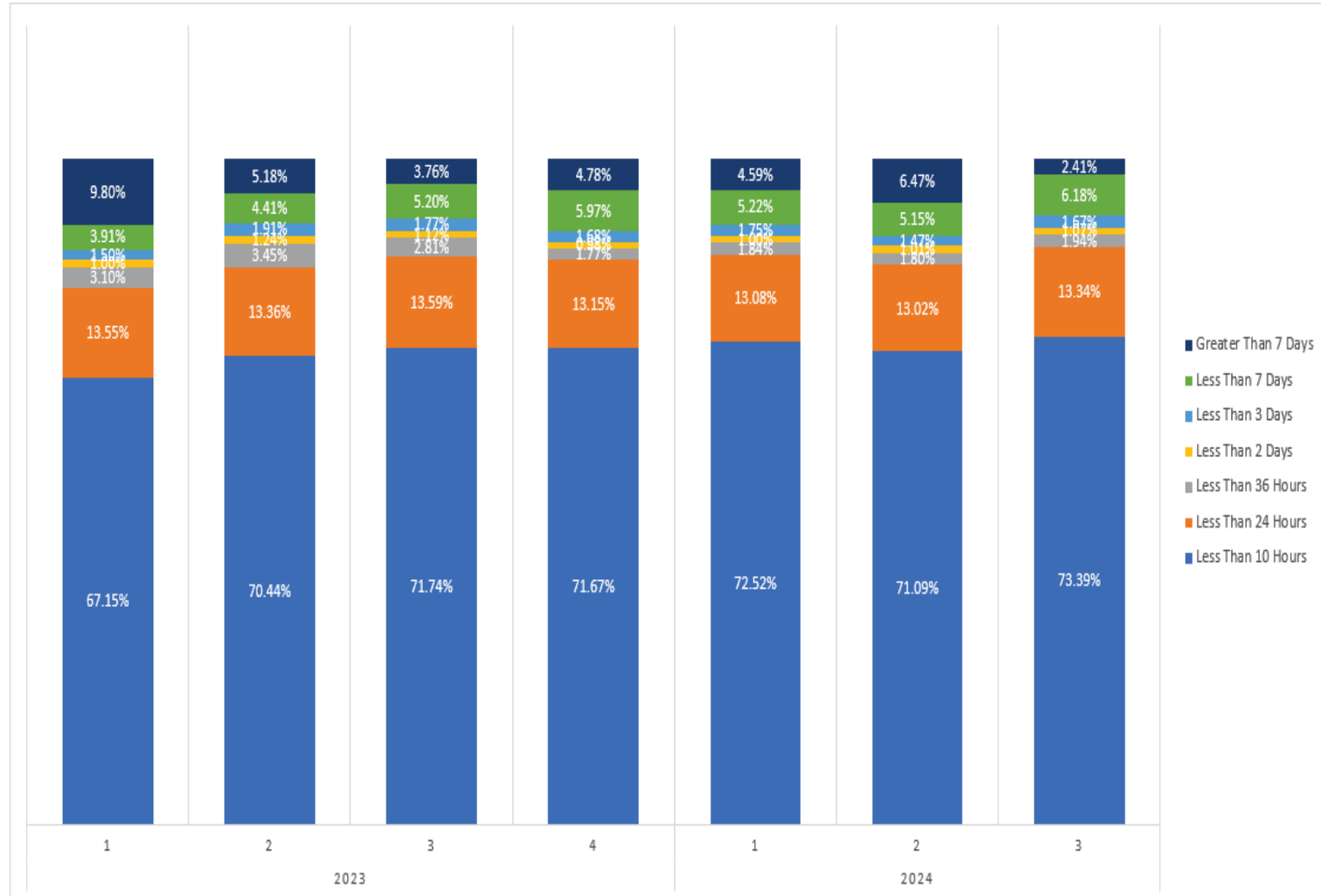
**Increase % of V3 EMS
emergency run
reports received
within 10 hours of the
run to 70% by
September 30, 2024**

73.39%

Qtr 3 2024

(Down .2%, varies based on
resubmissions)

87% within 24Hr



FY 23/24 Objectives

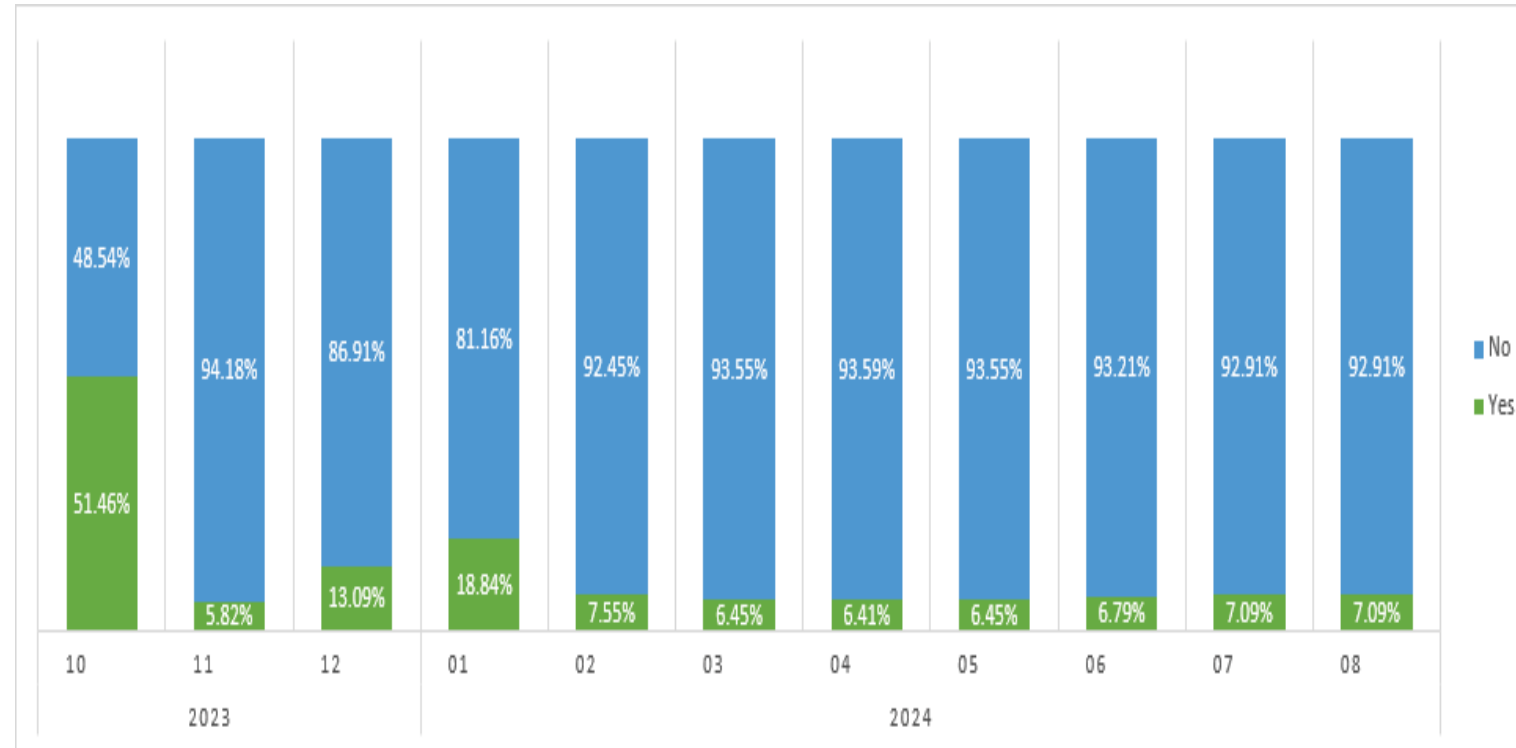


Timeliness

Increase % of agency
Demographic records
resubmissions received
every 30 days by
September 30, 2024

7.08%

.6% 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, 2024.

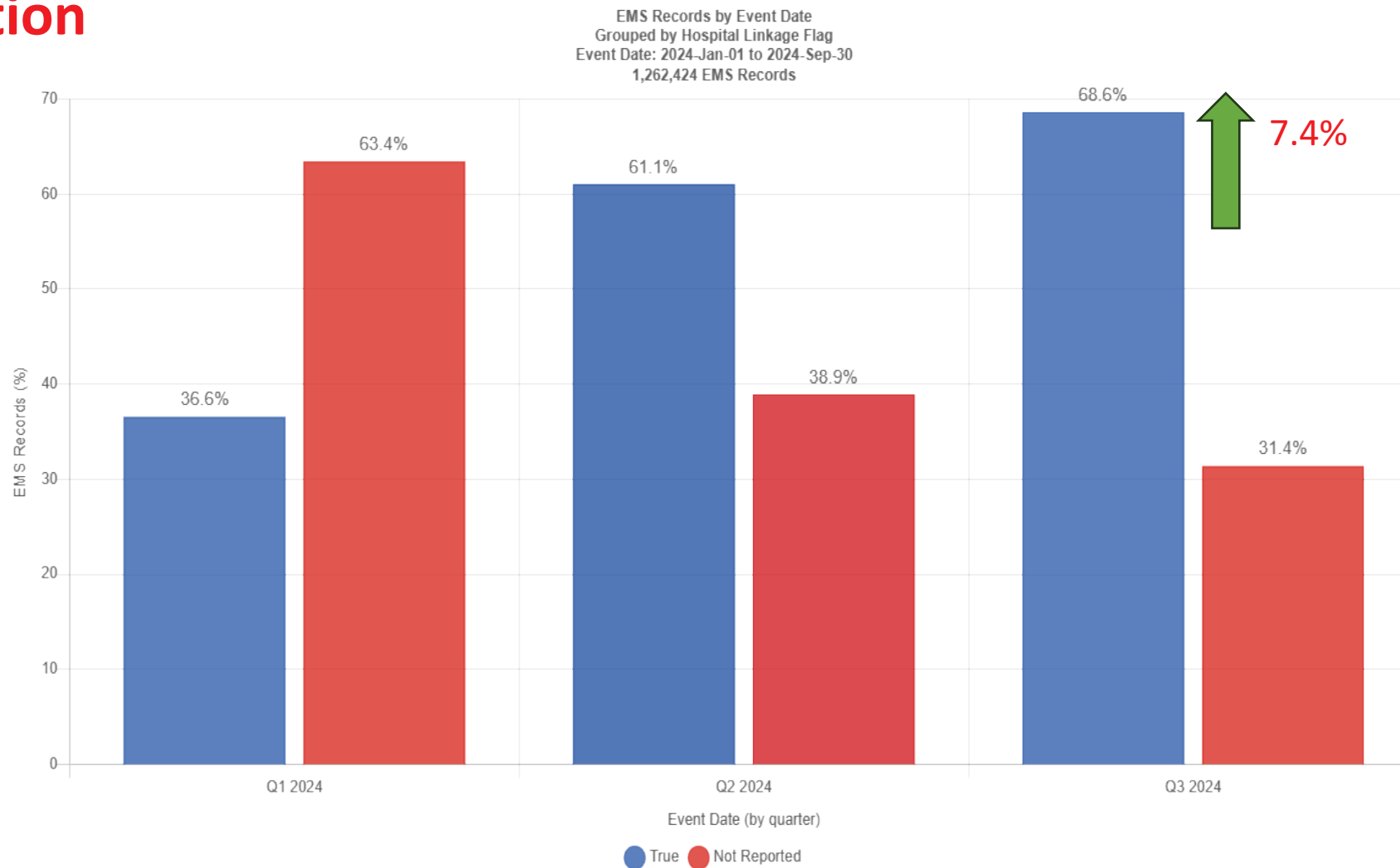
- Health Information Exchange
- Crash Records – *automated feed TBD – waiting for MOU finalization*
- ESSENSE Integration
- Trauma Data (no formal linkage)
- Florida Stroke Registry in progress
 - ✓ Requirements – complete
 - ✓ Implementation – 10/23
 - ✓ Data Use Agreement executed
 - ✓ Export configuration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



Florida HIE Linkage – 68.6%



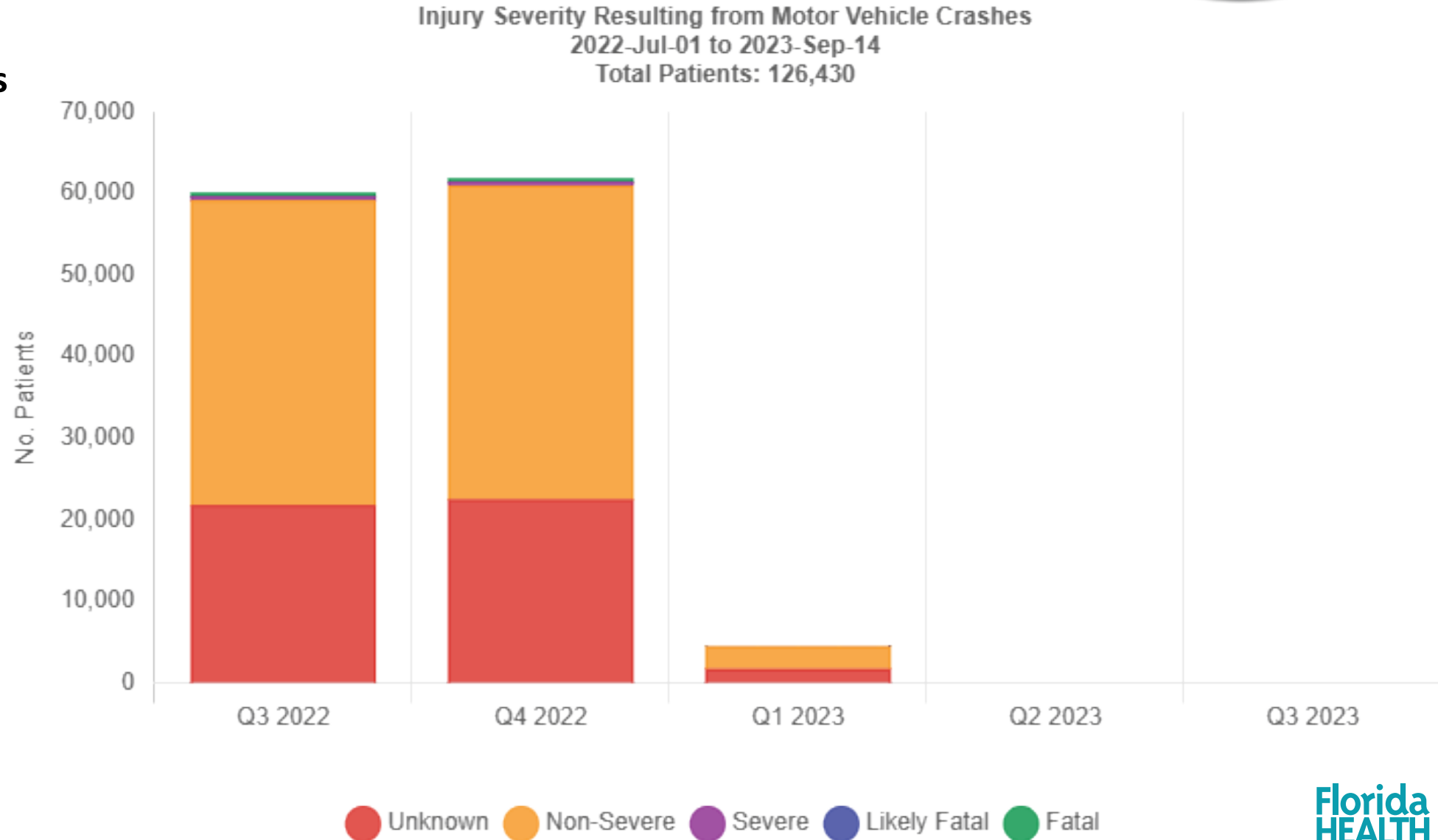
Integration



Linked EMS/Crash Data



Integration
MOU in progress



FY 23/24 Objectives

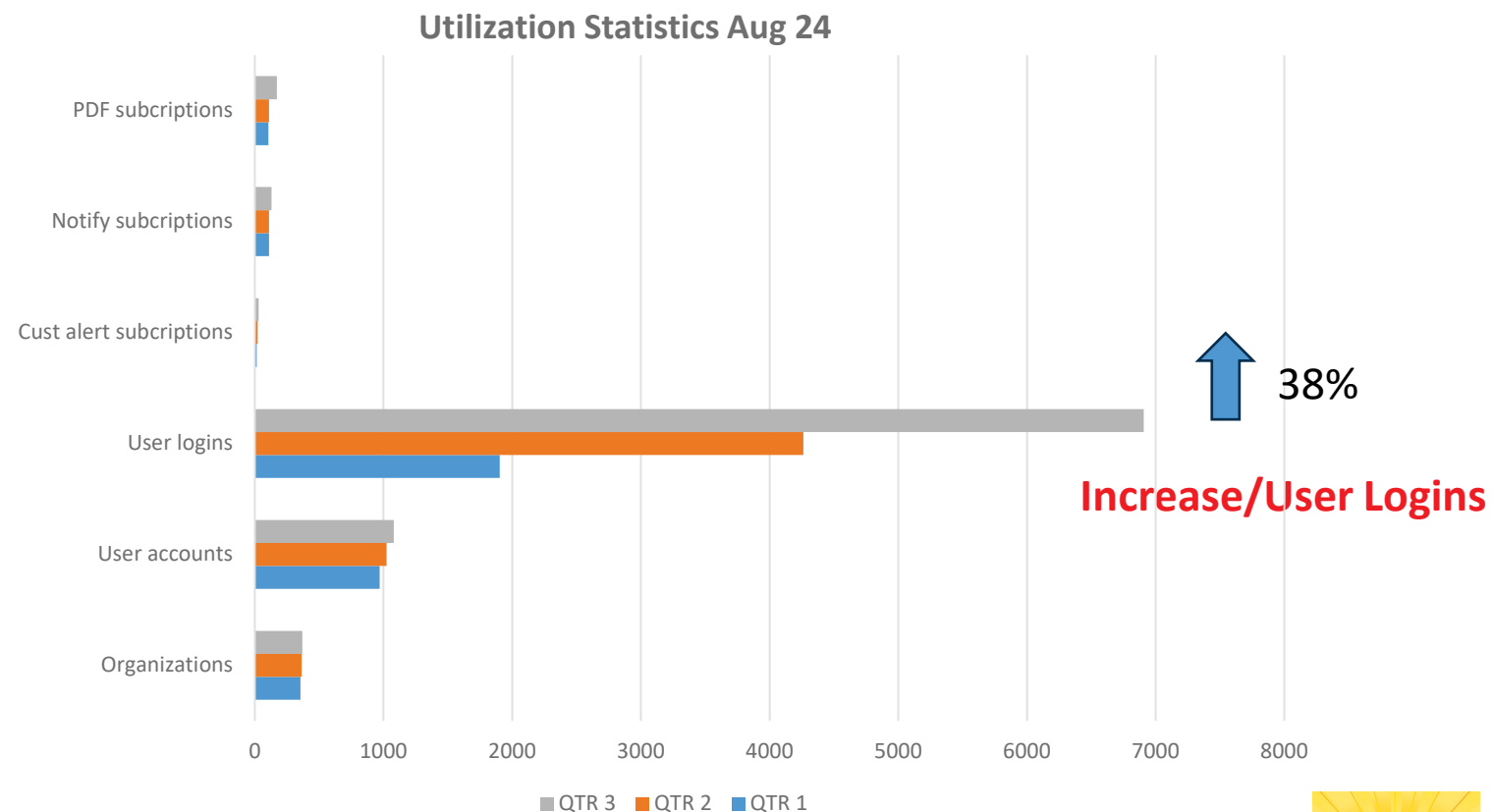


Accessibility

Work in Progress

- Continuing to utilize biospatial for repository and data accessibility

❖ Increase provider utilization of Biospatial reporting from 10% to 50%



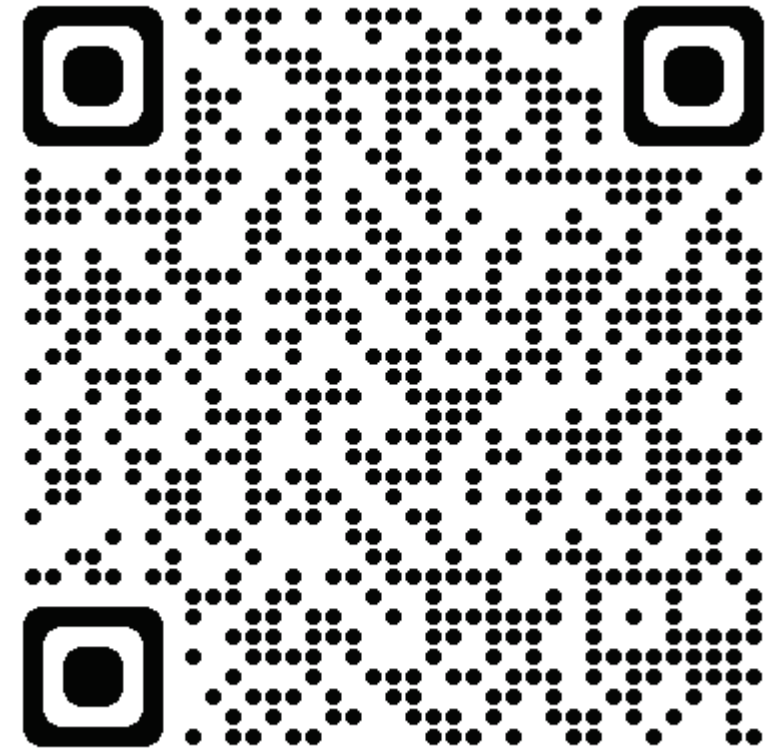
EMS Field Data Collection



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



FLORIDA STATE
UNIVERSITY

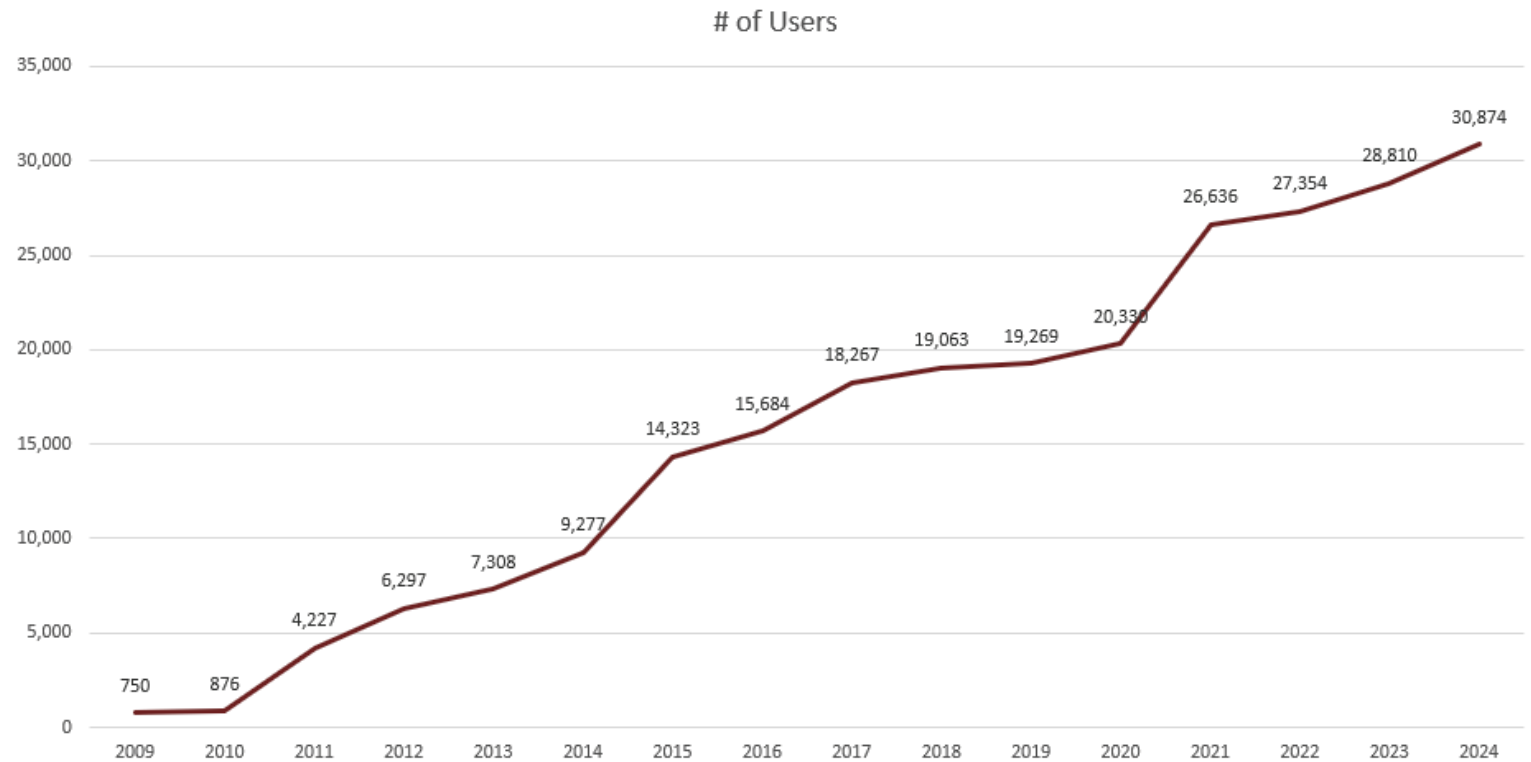
September 13, 2024

TRAFFIC AND CRIMINAL SOFTWARE



TraCS Growth - Users

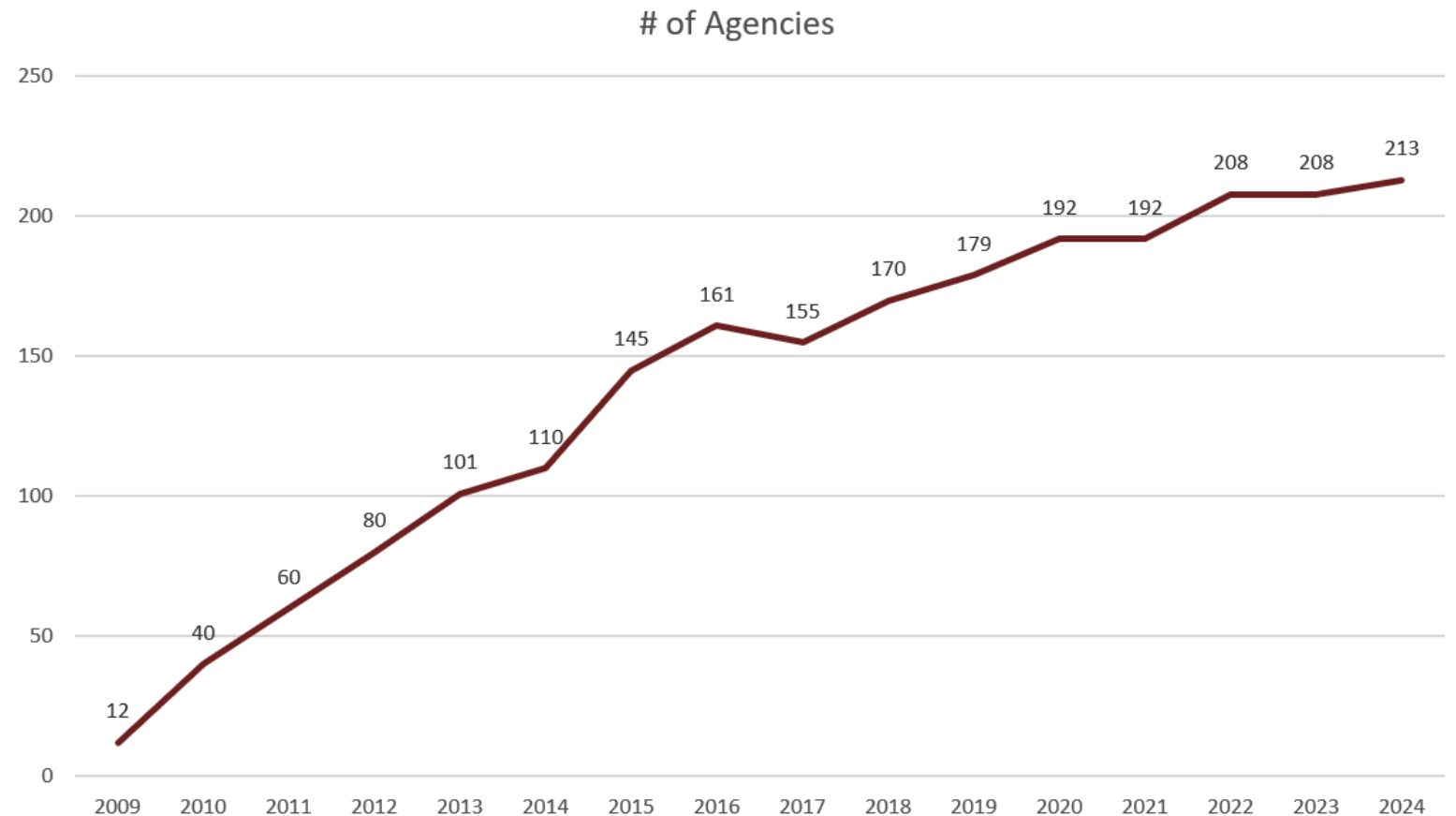
- Users
 - 2008: 750
 - 2023: 30,874





TraCS Growth - Agencies

- Agencies
 - 2008: 12
 - 2024: 216





Objective: Accuracy

- FY23-24 Q2: 99.99%
- To maintain the low number of load errors for crash reports submitted electronically to FLHSMV using TraCS at less than one percent.



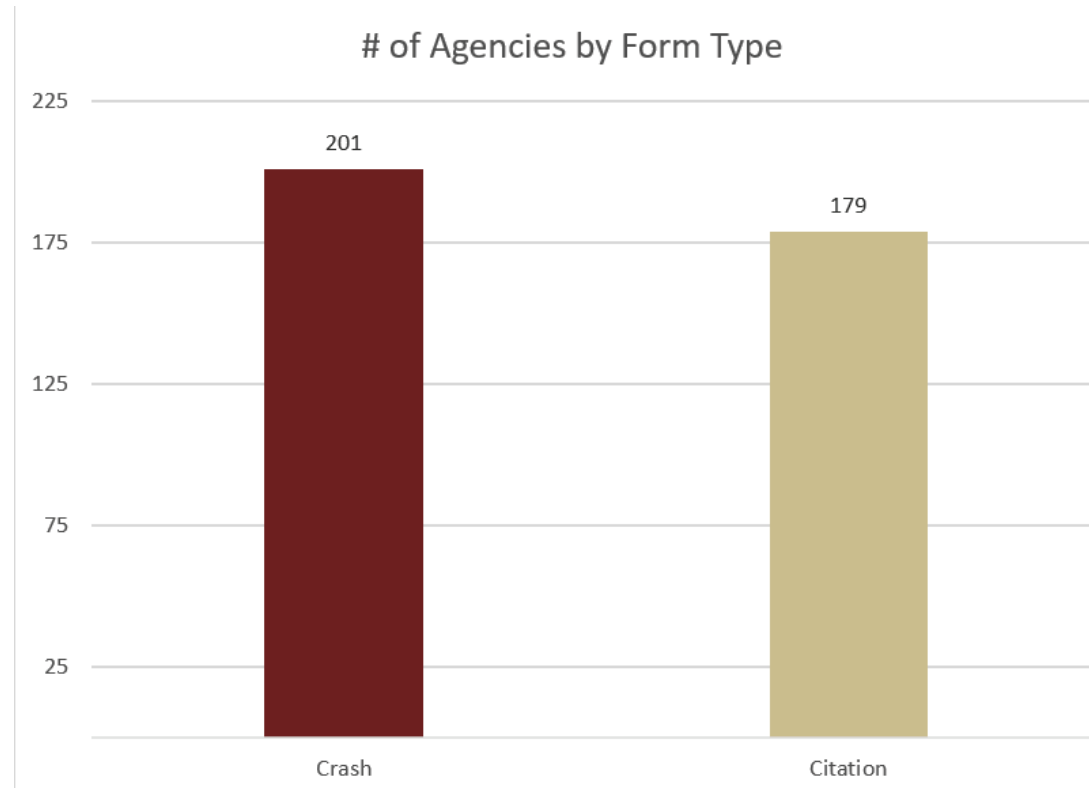
Objective: Completeness

- FY23-24 Q1: 58.93%
- To maintain or increase the total percentage of statewide **crash reports** submitted electronically by agencies using the TraCS Florida software.



Objective: Uniformity

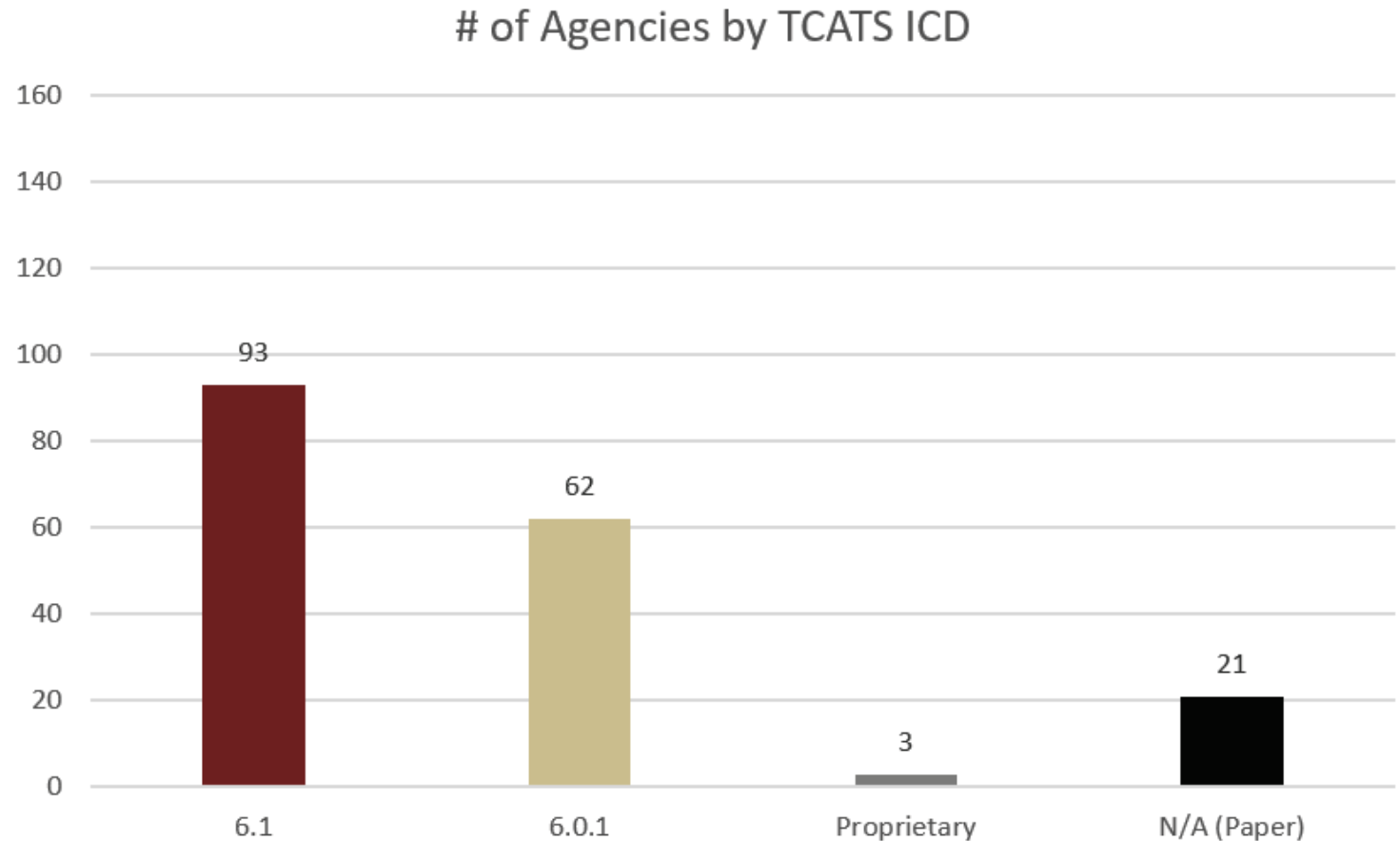
- To improve uniformity in data collection methods.





Objective: Uniformity

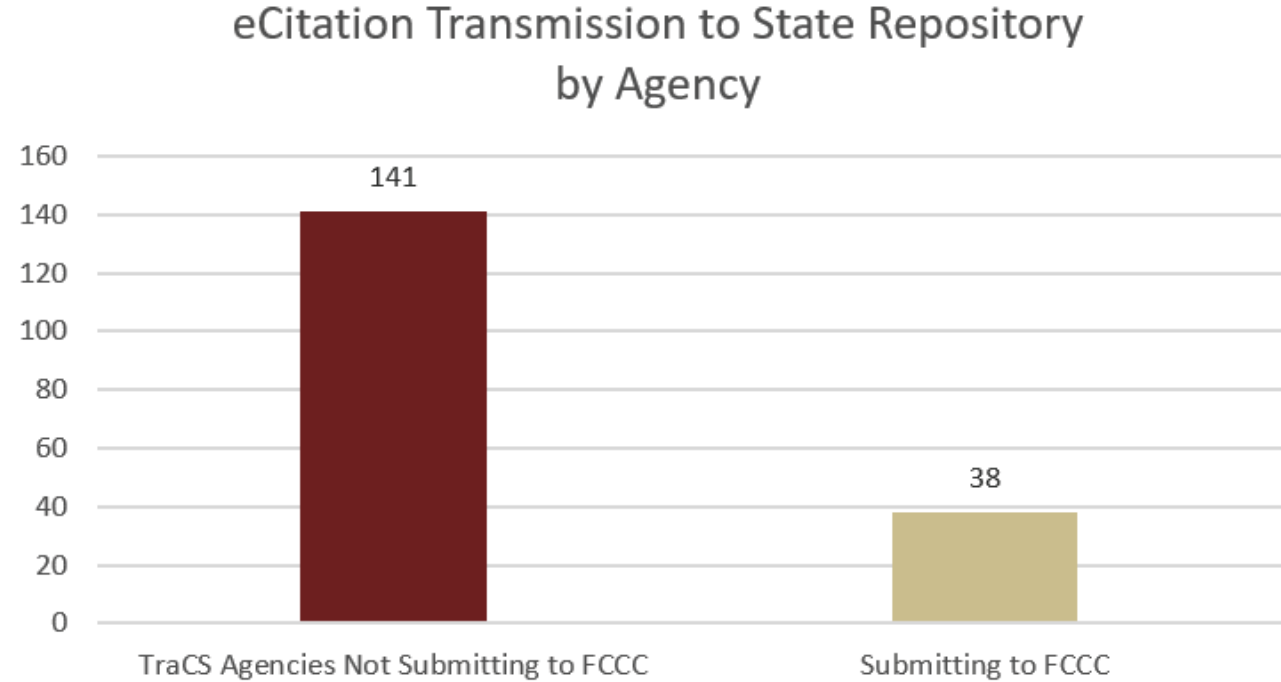
- To improve uniformity in data collection methods.
- Agencies are submitting paper in Broward, Escambia, & Volusia counties
- SAO's & Miccosukee PD do not transmit





Objective: Uniformity

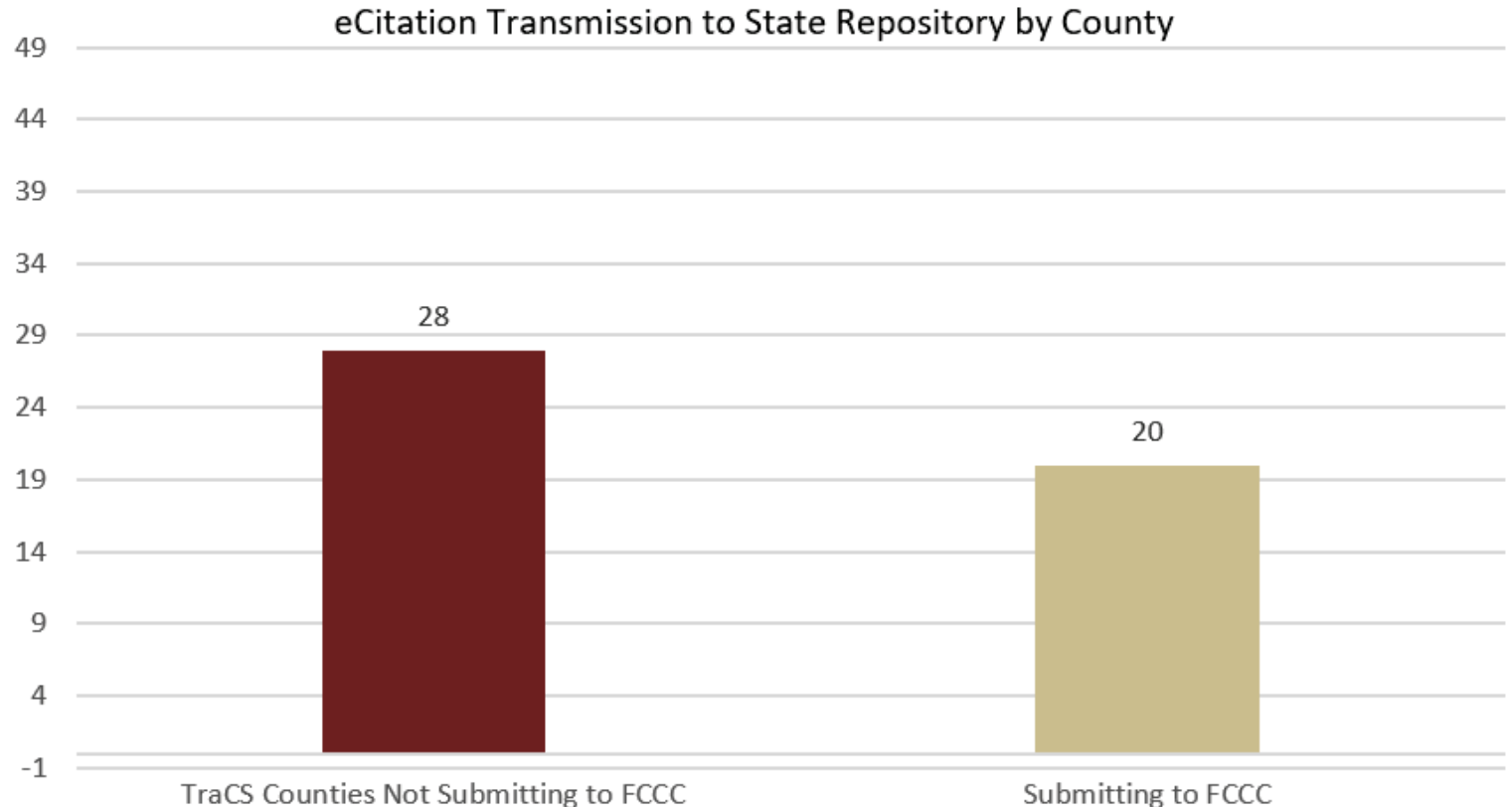
- Submitting to the FCCC (state citation repository)





Objective: Uniformity

- Agencies in 48 counties use TraCS for citations
- 20 of these counties submit citations directly to the FCCC

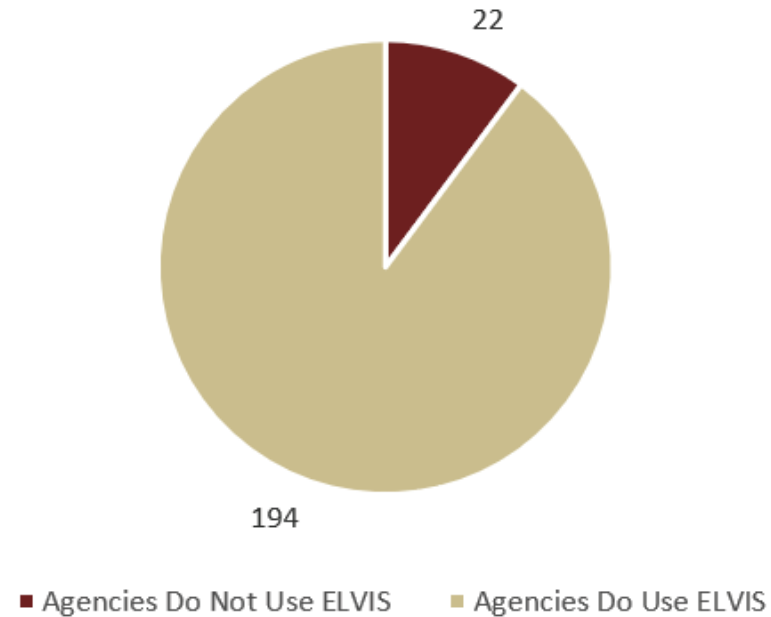




Objective: Integration

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

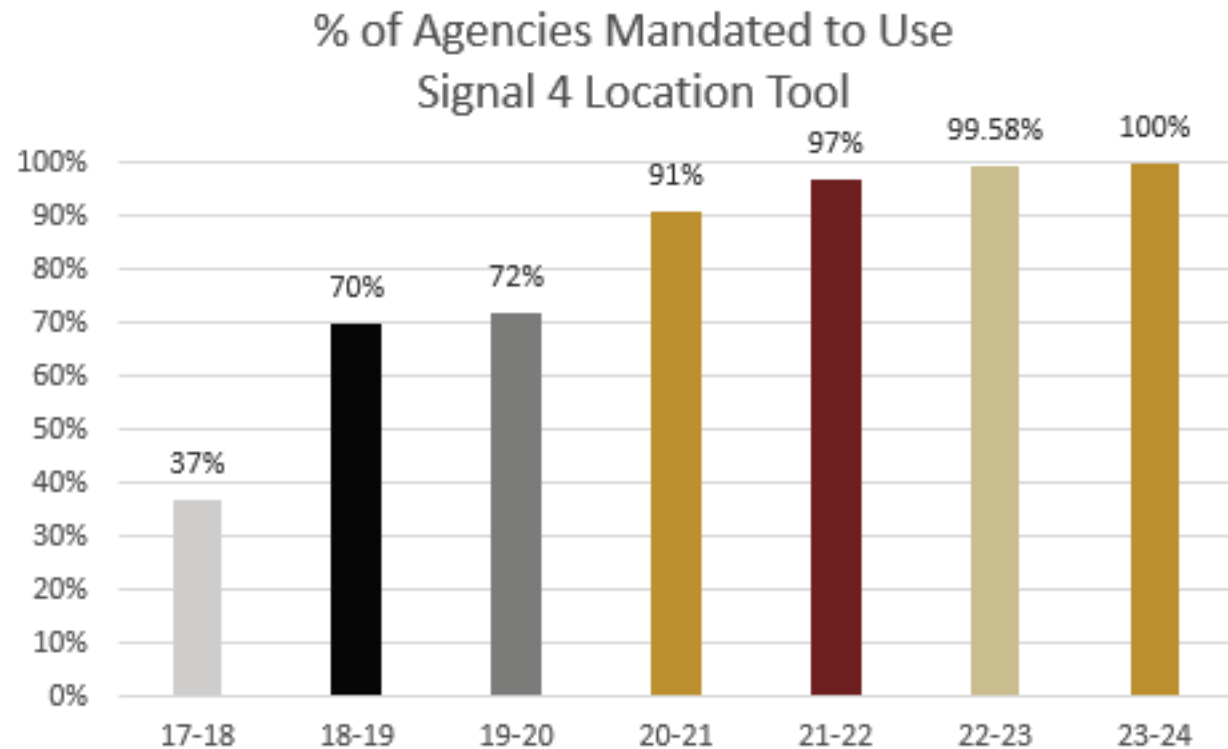
TraCS-ELVIS Integration Use





Objective: Integration

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

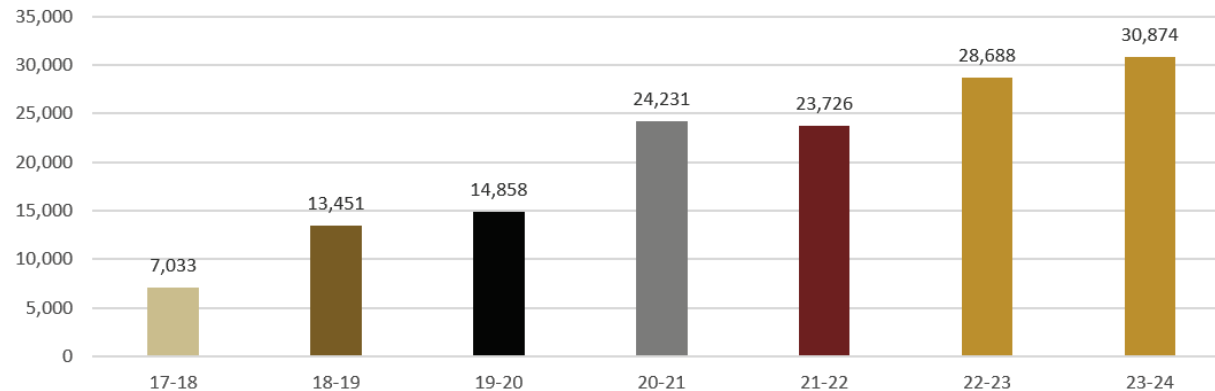




Objective: Integration

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

of Users Mandated to Use
Signal 4 Location Tool

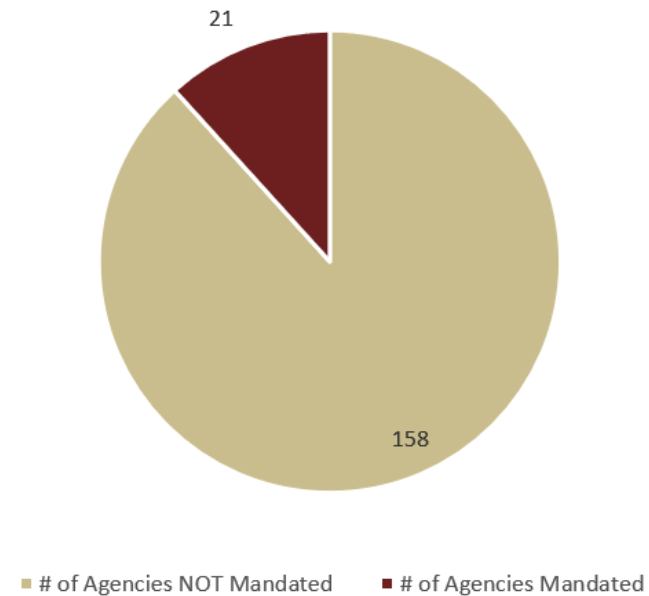




Objective: Integration

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

of Agencies Mandated to Use
Signal 4 Location Tool on Citations





Objective: Integration

- 153 agencies using the Signal 4 Diagram Tool
 - 201 total agencies using TraCS for crash reporting



Objective: Integration

- The following **Roadway Information** parameters are passed from the location tool and crash report to the Diagram tool:
 - Street Address #
 - Crash Occurred on Street, Road, Highway
 - At/From Intersection With Street, Road, Highway
 - Type of Intersection
- Roadway information now updates on crash report when changes are made to the location through the diagram tool.

ROADWAY INFORMATION							
ROAD SYSTEM IDENTIFIER				AT STREET ADDRESS #	CRASH OCCURRED ON STREET, ROAD, HIGHWAY		
AT FEET	OR MILES	Direction	AT/FROM INTERSECTION WITH STREET, ROAD, HIGHWAY		AT LATITUDE	AND LONGITUDE	
STREET LIST USED?	Locator Used? No	OR FROM MILEPOST #	SECTOR	TYPE OF SHOULDER		TYPE OF INTERSECTION	



Objective: Integration

- The following **Vehicle** parameters are passed from the location tool and crash report to the Diagram tool:
 - Manner Of Collision
 - First Harmful Event
 - Vehicle number
 - Body type
 - Vehicle Special Function
 - CMV Config
 - Cargo Type
 - Color Code
 - Travel Direction
 - Impact Area
 - Maneuver

VEHICLE														
VEHICLE #	HIT AND RUN	VEHICLE YEAR	VEH LICENSE #	STATE	VEHICLE MAKE	VEHICLE STYLE	VEHICLE COLOR	VIN						
1														
PERM. REG.	REG. EXPIRES	VEHICLE MODEL	VEHICLE STATUS	EXTENT OF DAM.	EST. DAM.	TOWED DUE TO DAMAGE	VEHICLE REMOVED BY	ROTATION						
					\$									
INSURANCE COMPANY (DRIVER)					INSURANCE POLICY NUMBER									
CHECK IF OWNER IS BUSINESS OR THE GOVERNMENT		NAME OF BUSINESS OWNER			FIRST NAME	MIDDLE NAME	LAST NAME	SUFFIX	DOB					
CURRENT ADDRESS			CITY	STATE	ZIP CODE	HOME/WORK PHONE #	EMAIL ADDRESS							
TRAILER YEAR	TRAILER 1 LICENSE #	STATE	PERM. REG.	REG. EXPIRES	VIN	MAKE	LENGTH	AXLES						
TRAILER YEAR	TRAILER 2 LICENSE #	STATE	PERM. REG.	REG. EXPIRES	VIN	MAKE	LENGTH	AXLES						
DIRECTION	ON STREET, ROAD, HIGHWAY						AT EST. SPEED	POSTED SPEED	TOTAL LANES					
CHECK IF COMMERCIAL	CMV CONFIGURATION													
CARGO BODY TYPE														
COMM GVWR/GCWR	TRAILER TYPE (TRAILER ONE)		TRAILER TYPE (TRAILER TWO)											
HAZ. MAT. RELEASE	HAZ. MAT. PLA	NUMBER	CLASS											
MOTOR CARRIER NAME			US DOT NUMBER											
MOTOR CARRIER ADDRESS			CITY	STATE	ZIP CODE	PHONE NUMBER								
COMMON-COMM	VEHICLE BODY TYPE	VEHICLE DEFECTS (1)	VEHICLE DEFECTS (2)	EMERGENCY VEHICLE USE			UNIT #	SPECIAL FUNCTION OF MV						
VEHICLE MANEUVER ACTION			TRAFFICWAY	ROADWAY GRADE	ROADWAY ALIGNMENT	TRAFFIC CONTROL FOR THIS VEHICLE								

AREA OF INITIAL IMPACT

MOST DAMAGED AREA

18 UNDERCARRIAGE 18
19 OVERTURN 19
20 WINDSHIELD 20
21 TRAILER 21



Objective: Integration

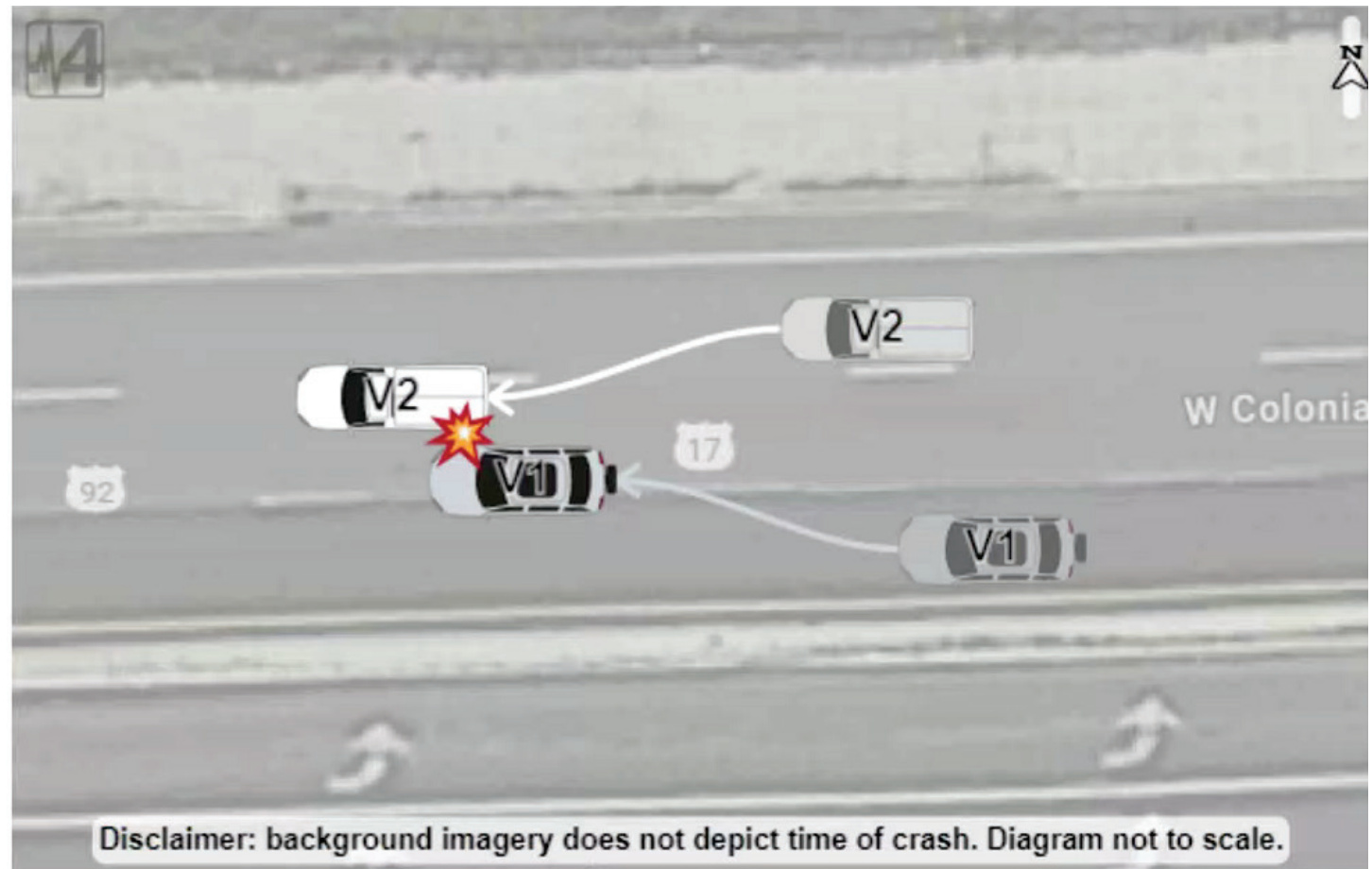
- The following **Non-Motorist** parameters are passed from the location tool and crash report to the Diagram tool:
 - Non-Motorist Number
 - Non-Motorist Description
 - Pedestrian
 - Bicycle

NON-MOTORIST									
PERSON # 1	NAME					ADDRESS			
CITY			STATE	ZIP CODE	SEX	DOB	PHONE NUMBER	INJURY SEVERITY	SCOOTER?
NON-MOTORIST DESCRIPTION				NON-MOTORIST ACTIONS PRIOR TO CRASH			NON-MOTORIST LOCATION AT TIME OF CRASH		
NON-MOTORIST ACTIONS/CIRCUMSTANCES (FIRST)			NON-MOTORIST ACTIONS/CIRCUMSTANCES (SECOND)			NON-MOTORIST SAFETY EQUIPMENT (FIRST)		NON-MOTORIST SAFETY EQUIPMENT (SECOND)	
SUSP. ALCOHOL USE	ALCOHOL TESTED	ALCOHOL TEST TYPE	ALCOHOL TEST RESULT	BAC	SUSPECTED DRUG USE		DRUG TESTED	DRUG TEST TYPE	DRUG TEST RESULT
POSITIVE DRUG TEST RESULTS			EMS AGENCY NAME OR ID		EMS RUN NUMBER		SOURCE OF TRANSPORT TO MEDICAL FACILITY		MEDICAL FACILITY TRANSPORTED TO



Objective: Integration

- Sample with 2 vehicles





Objective: Integration

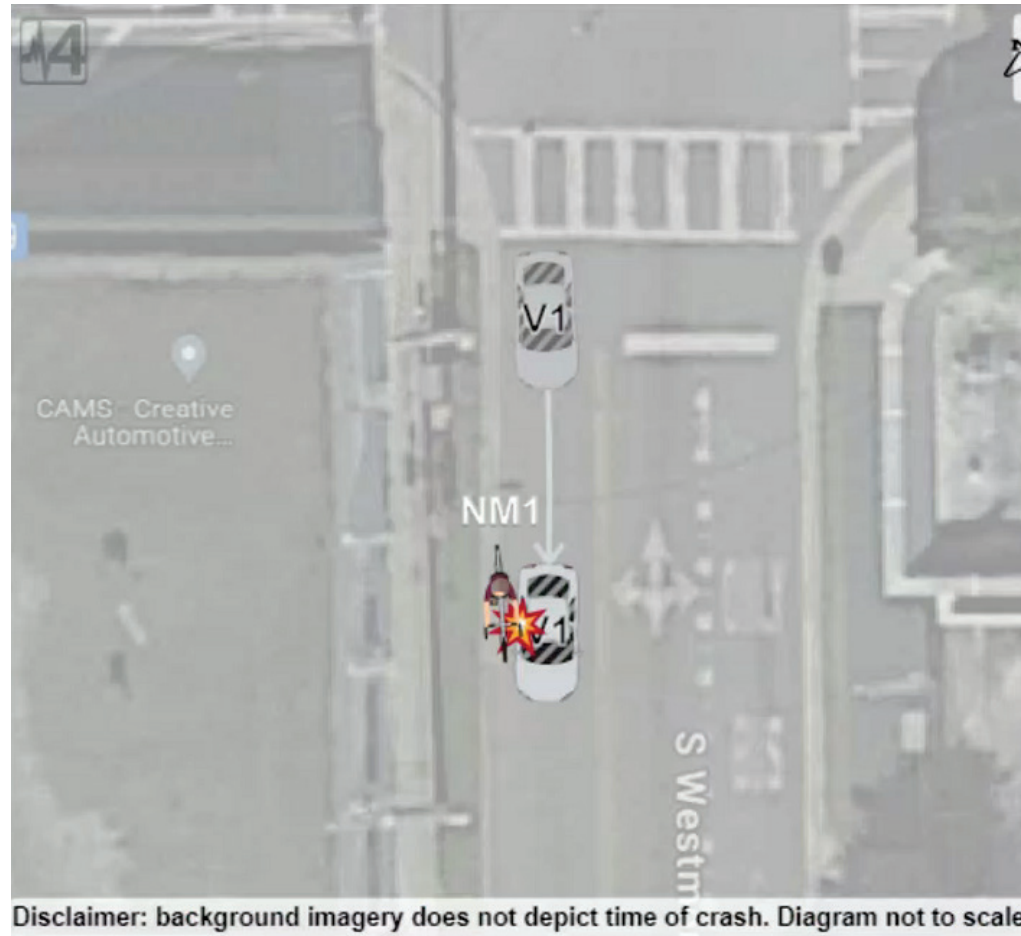
- Sample w/
non-motorist
(pedestrian)





Objective: Integration

- Sample with non-motorist (bicyclist)





Objective: Accessibility

- To maintain a primary data hosting site
 - Hosting data for 189 agencies



Objective: Timeliness

- FY23-24 Q2: 11.25 day 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.



FY 23-24

- 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
 - In preparation for new releases to discuss changes
 - Migrate citation transmission jobs to submit to the eCitation repository (FCCC)



FY 23-24

- Development
 - Pushed out changes for UTC
 - Appendix C
 - New DL algorithm
 - Canadian provinces
 - Deploy Multi-Factor Authentication (MFA) with TraCS for end users (in progress) DUO, Microsoft Authenticator, Google Authenticator, OKTA
 - 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)
 - Citation submission jobs
 - Error log receipts from FCCC (complete)
 - Error log receipts from Miami-Dade county
 - Continue to provide patches and upgrades to the TraCS software



FY 23-24

- Infrastructure
 - Deployed SentinelOne (complete)
 - Deployed CrowdStrike (complete)
 - 24/7 monitoring w/ FSU's cyber security center
 - No cost to the grant, this is paid for by FSU
 - Upgraded all servers to Windows 2022 (complete)
 - Add services to hosting site to include a disaster recovery site
 - If additional funding this year can be obtained
 - Deployed new firewall at Panama City PD (complete)
 - Manage backups of databases offsite to Panama City PD



FLORIDA STATE
UNIVERSITY

**Thank you for your
continued support!**



ELECTRONIC LICENSE AND VEHICLE INFORMATION SYSTEM (ELVIS)

Florida State University

ELVIS

Electronic License and Vehicle
Information System

www.elvisflorida.org

Better Data, Safer Roads.

ELVIS TRCC UPDATE

September 13, 2024

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
- Bud Dasher, Support

September 2024 Statistics

Current ELVIS Usage

- 287 Agencies (+1 since June)
- 37,718 user accounts (+1,216 since June)
- 19,501,519 queries run this fiscal year
- Nearly 1.63M queries per month
 - Increase of ~36,000 queries per month over March 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
 - Added Cloud Strike
 - Migrated domain and e-mail to FSU servers
 - Many changes to FBI CJIS Security Policy over the last year

- **Accessibility**

- New agencies continue to be brought on board
 - Ponce Inlet Police Department
 - Added 1 new agency since June meeting
 - 1,216 new users
 - Increase of approx. 36,000 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

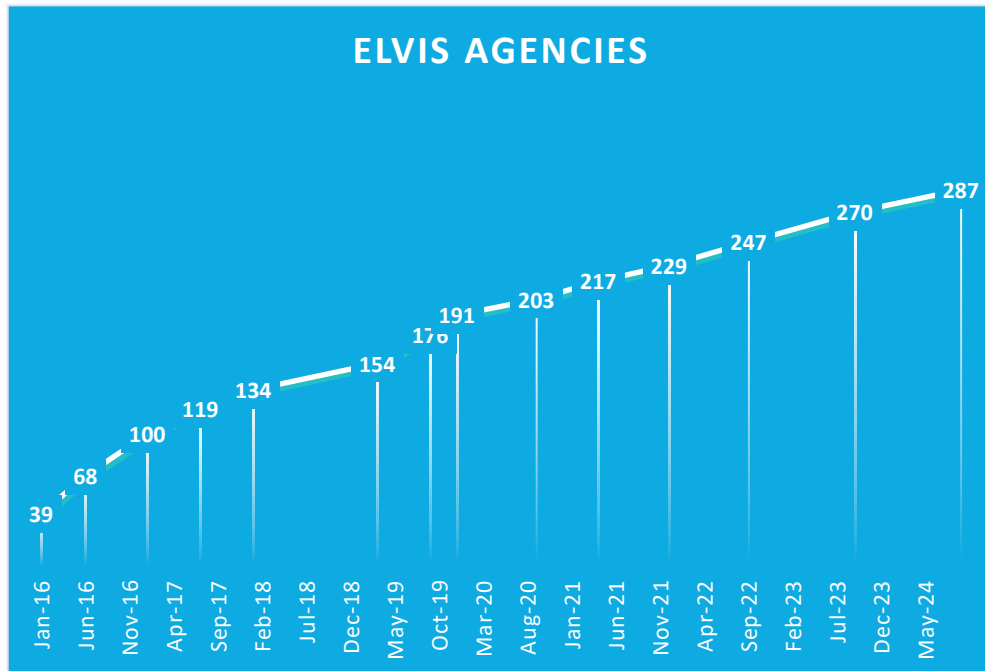
- **Funding Request (FY24-25)**

- Increase from \$521,327 to \$632,875 (+ \$111,548)
 - Hiring New Developer (up to \$70,000 + benefits)
 - Hosting Increase @ TPD from \$7,500 to \$10,000

ELVIS Usage over time, 2016-Present

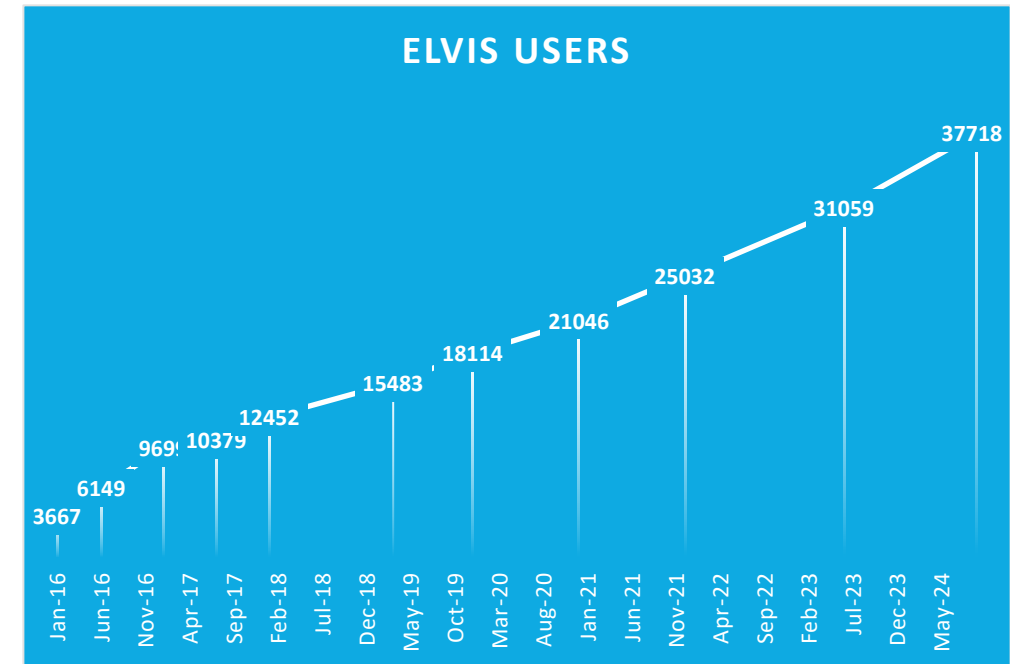
Law Enforcement Agencies

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



User Accounts

- 1/2016: 3,667
- 9/2024: 37,718



ELVIS Cost per User

FY23-24 Total Funding Request: \$521,327

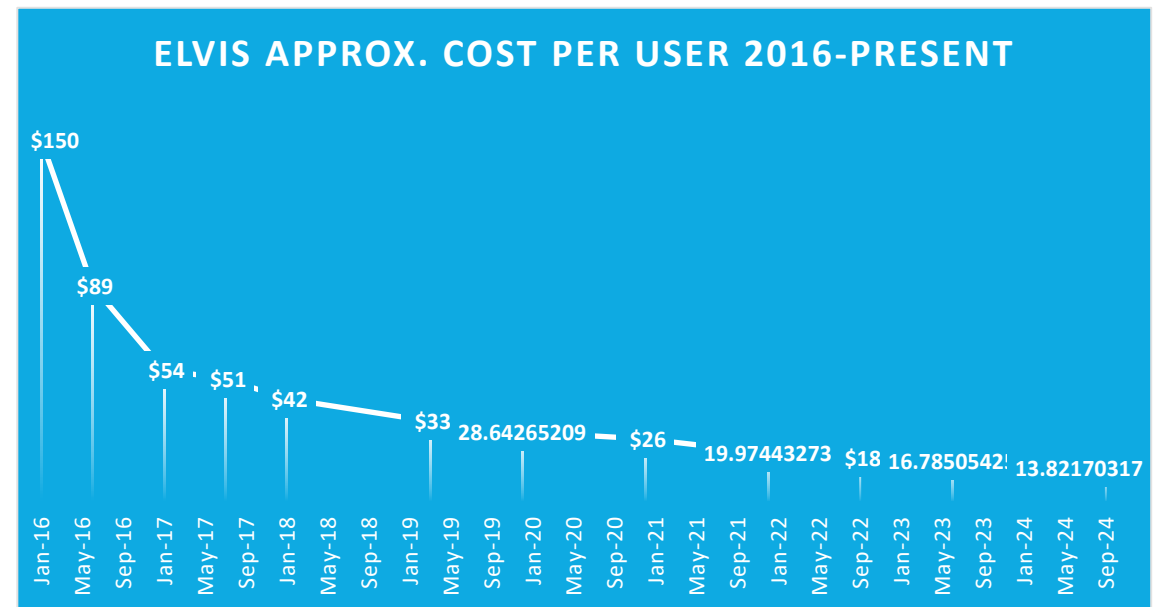
FY24-25 Total Funding Request: \$632,875

Difference: + \$111,548

Total users (as of 9/12/24): 37,718

Avg. Cost Per User: \$13.82

Est. Avg. Cost Per User (FY24-25): \$16.78



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



WORK ZONE CRASHES DASHBOARD

Ryan Cunningham, Kittelson & Associates



PUBLIC COMMENT

Chris Craig, FDOT



WRAP UP AND NEXT STEPS

Chris Craig, FDOT

Danny Shopf, Cambridge Systematics

WRAP UP AND NEXT STEPS



- Upcoming TRCC Meetings
 - December 13th, 2024
 - April 4th, 2025
 - June 27th, 2025
 - September 19th, 2025



THANK YOU AND SAFE TRAVELS!