

## Traffic Records Coordinating Committee Meeting Summary (DRAFT)

**Date/Time:** Tuesday, September 10, 2024 | 10:00 am – 11:30 am

**Dial-In/Online:** 984-204-1608 | [Click here to join online](#) | Code: 226 173 122 639#

### Attendance

- Adam Anderson, DPS
- Christian Arteaga, Ph.D., UNLV
- Noeheelani Bareng-Antolin, Ph.D., UNLV
- Matthew Cambron, DPS
- Delora Early, DMV
- Mohammad Farhan, RTCSNV
- Kevin Honea, NHP
- Bertille Mavegam, MD, UNLV
- Vladimir Milicevic, DMV
- Kara Mueller, NHTSA
- Karl Nieberlein, Tyler Technologies
- William Porter, UNLV
- Sean Robinson, City of Las Vegas
- Casey Smith, NDOT
- Jody Swirczek, NDOT
- Shara Thiesen, NDOT
- Timber Wood, NDOT
- Hao Xu, Ph.D., UNR
- Mike Colety, Kimley-Horn
- Anabel Hernandez, Kimley-Horn

### Discussion Topics:

#### Notes from Last Quarterly Meeting

**Anabel**

- The notes from the June 11, 2024, quarterly meeting were reviewed. There were no questions or comments from attendees.

#### 1. Data Update

**Anabel/Shara/Jon**

- Statewide fatality data is current as of August 31, 2024. Year-to-date, there have been a total of 263 fatalities, with top contributing factors including Impairment and Speeding.
- Of the 263 fatalities, 75 involved pedestrians, and 44 involved unrestrained motorists.
- Matt Williams of NDOT has taken a new position in Roadway Systems and will be stepping from his current role at NDOT. Jon Boether will be taking over Matt's roles and responsibilities. Any NDOT crash data questions should be directed to Jon.
- The Crash Locator application has been fixed. NDOT is prioritizing geolocating the crashes to get caught up. The goal is to have all 2023 crashes geolocated by the end of 2024.

#### 2. Enforcement Mobile (Brazos) Working Group Update

**Anabel**

- There will be an Enforcement Mobile Working Group meeting on Thursday, September 12.
- OTS and Tyler Technologies have agreed to a new contract. The contract is going through the state contracting process and will be sent to the Board of Examiners next month.
- Enforcement Mobile back-end geolocation services have geolocated 99.2% of Las Vegas area crashes. The remainder of the statewide crashes will go through the geolocation process, but it is not anticipated to achieve a success rate as high as 99%.

**3. 2024 TRCC Funded Studies**

- UNLV Statistical Transparency of Policing (STOP) Data Collection **Dr. Mavegam**
  - The main recommendation submitted was to remove the current sunset of 2025 of traffic stop data collection under SB236.
  - The team met with Tyler Technologies to discuss the statistical transparency of policing and the statistical plan for the next report due December 2024.
  - As part of Objective 2 the team is planning to conduct statistical analysis of traffic stop data for 2023.
  - Other objectives include updating the comprehensive report and interactive dashboard outlines, and the beta version of the website, based on traffic stop data and analysis.
- UNLV Study of Adjudication of Citations and Enforcement **Dr. Nambisan**
  - Dr. Nambisan was not present at the meeting.
- UNLV Nevada Road Users Linked Database **Dr. Antolin**
  - The team is maintaining, linking, and analyzing various databases related to traffic safety in Nevada, including Non-Adjudicated Citations, Crash Data, Trauma Center Data, Crash-linked Trauma Center Data, Crash-Linked Hospital Data, and DUI Data.
  - Agreements have been renewed with the four trauma centers (Renown, UMC, Dignity Health St. Rose Dominican, and Sunrise Hospital) to receive additional years of trauma center data. Coordination to include Mike O’Callaghan Military Medical Center is pending.
  - The team receives statewide trauma data from all licensed acute hospitals and trauma centers in Nevada. Received a five-year dataset with 73,788 records. Data integrity checks are being conducted on the dataset.
  - The team developed a software and data flow infrastructure designed to streamline the import of data from various sources and is nearly 97% complete with the importing process of citations and data.
  - The team plans to publish the Traffic Research and Education Newsletter (TREND) 13.2 mini-series and continue work on data collection and analysis.
  - One TREND newsletter is under OTS review and three others are in final team review pending OTS approval before publication. The newsletters focus on the analysis of non-adjudicated citations from 2018 through 2021 highlighting the distressed communities index levels and the relationship to equitable transportation communities.

**4. Connecting the Dots: DMV Data and Traffic Records Integration Vladimir Milicevic**

- Vladimir was unable to present. He present at our next meeting in December.

**5. Action Item Review Matrix Anabel**

- The action item matrix was reviewed.

**6. Open Discussion Shara/Jon**

- ATSIP 2024 Traffic Records Forum, San Diego, CA
  - Shared limitations and challenges to traffic records. Members of the Nevada TRCC group presented at the event.
  - There is a big push on potential new data sources across trauma, enforcement, and citation.

**7. Upcoming Meetings**

**Anabel**

- **2024 Traffic Safety Summit in Reno, NV – November 12-14, 2024**
- **NVACTS – November 14, 2024 (During Safety Summit)**
- **Next TRCC Meeting – December 10, 2024**

*Attachments:*

- A.** Monthly Fatal Crash Report (as of August 31, 2024)
- B.** Action Item Review Matrix
- C.** Meeting Summary (June 11, 2024)
- D.** Presentations

DATE OF REPORT: 9/5/2024  
 DATA AS OF: 8/31/2024

TO: PUBLIC SAFETY, DIRECTOR NDOT, HIGHWAY SAFETY COORDINATOR, NDOT TRAFFIC ENGINEERING, FHWA, LAW ENFORCEMENT AGENCIES  
 FROM: THE OFFICE OF TRAFFIC SAFETY, STATE FATAL DATA  
 PREPARED BY: ADAM ANDERSON, FARS ANALYST  
 SUBJECT: FATALITIES BY COUNTY, PERSON TYPE, DAY, MONTH, YEAR AND PERCENT CHANGE.

Month	2023 Crashes	2024 Crashes	% Change	Month	2023 FataIs	2024 FataIs	% Change
JAN	25	39	56.00%	JAN	27	42	55.56%
FEB	15	17	13.33%	FEB	17	19	11.76%
MAR	26	34	30.77%	MAR	26	40	53.85%
APR	37	28	-24.32%	APR	40	35	-12.50%
MAY	30	36	20.00%	MAY	33	38	15.15%
JUN	32	34	6.25%	JUN	35	36	2.86%
JUL	32	24	-25.00%	JUL	41	27	-34.15%
AUG	33	26	-21.21%	AUG	36	26	-27.78%
SEP	0	0	0.00%	SEP	0	0	0.00%
OCT	0	0	0.00%	OCT	0	0	0.00%
NOV	0	0	0.00%	NOV	0	0	0.00%
DEC	0	0	0.00%	DEC	0	0	0.00%
<b>Reporting Period Total</b>	<b>230</b>	<b>238</b>	<b>3.48%</b>	<b>Reporting Period Total</b>	<b>255</b>	<b>263</b>	<b>3.14%</b>
<b>Year End Total</b>	<b>351</b>			<b>Year End Total</b>	<b>389</b>		

**KNOWN FATAL COMPARISON BETWEEN 2023 AND 2024.**

COUNTY	2023 Crashes	2024 Crashes	% Change	2023 Fatalities	2024 Fatalities	% Change	2023 Occupants	2024 Occupants	% Change	2023 Unrestrained	2024 Unrestrained	% Change
CARSON	5	2	-60.00%	6	3	-50.00%	3	2	-33.33%	0	0	0.00%
CHURCHILL	6	0	-100.00%	7	0	-100.00%	6	0	-100.00%	1	0	-100.00%
CLARK	149	170	14.09%	160	188	17.50%	74	76	2.70%	30	27	-10.00%
DOUGLAS	2	1	-50.00%	2	1	-50.00%	2	1	-50.00%	0	0	0.00%
ELKO	4	11	175.00%	4	13	225.00%	3	13	333.33%	2	5	150.00%
ESMERALDA	2	3	50.00%	2	5	150.00%	2	1	-50.00%	0	0	0.00%
EUREKA	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
HUMBOLDT	3	3	0.00%	4	3	-25.00%	3	2	-33.33%	2	0	-100.00%
LANDER	1	2	100.00%	1	2	100.00%	1	1	0.00%	1	0	-100.00%
LINCOLN	2	0	-100.00%	2	0	-100.00%	2	0	-100.00%	1	0	-100.00%
LYON	5	7	40.00%	5	7	40.00%	3	6	100.00%	1	2	100.00%
MINERAL	1	1	0.00%	2	1	-50.00%	2	1	-50.00%	0	0	0.00%
NYE	15	6	-60.00%	24	6	-75.00%	22	5	-77.27%	4	2	-50.00%
PERSHING	0	3	300.00%	0	3	300.00%	0	3	300.00%	0	1	100.00%
STOREY	0	1	100.00%	0	1	100.00%	0	0	0.00%	0	1	100.00%
WASHOE	33	28	-15.15%	34	30	-11.76%	13	13	0.00%	4	6	50.00%
WHITE PINE	2	0	-100.00%	2	0	-100.00%	2	0	-100.00%	1	0	-100.00%
<b>Reporting Period Total</b>	<b>230</b>	<b>238</b>	<b>3.48%</b>	<b>255</b>	<b>263</b>	<b>3.14%</b>	<b>138</b>	<b>124</b>	<b>-10.14%</b>	<b>47</b>	<b>44</b>	<b>-6.38%</b>
<b>Year End Total</b>	<b>351</b>			<b>389</b>			<b>200</b>			<b>66</b>		

**KNOWN COMPARISON OF FATALITIES BY PERSON TYPE BETWEEN 2023 AND 2024.**

COUNTY	2023 Pedestrian	2024 Pedestrian	% Change	2023 Motorcyclist	2024 Motorcyclist	% Change	2023 Bicyclist	2024 Bicyclist	% Change	2023 Other (Scooter, Moped, ATV)	2024 Other (Scooter, Moped, ATV)	% Change
CARSON	2	1	-50.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
CHURCHILL	0	0	0.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
CLARK	44	65	47.73%	36	37	2.78%	3	6	100.00%	3	4	33.33%
DOUGLAS	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
ELKO	1	0	-100.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
ESMERALDA	0	0	0.00%	0	4	400.00%	0	0	0.00%	0	0	0.00%
EUREKA	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
HUMBOLDT	0	1	100.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
LANDER	0	0	0.00%	0	1	100.00%	0	0	0.00%	0	0	0.00%
LINCOLN	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
LYON	1	1	0.00%	1	0	-100.00%	0	0	0.00%	0	0	0.00%
MINERAL	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
NYE	1	0	-100.00%	1	1	0.00%	0	0	0.00%	0	0	0.00%
PERSHING	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
STOREY	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	1	100.00%
WASHOE	12	7	-41.67%	5	7	40.00%	4	3	-25.00%	0	0	0.00%
WHITE PINE	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%
<b>Reporting Period Total</b>	<b>61</b>	<b>75</b>	<b>22.95%</b>	<b>46</b>	<b>50</b>	<b>8.70%</b>	<b>7</b>	<b>9</b>	<b>28.57%</b>	<b>3</b>	<b>5</b>	<b>66.67%</b>
<b>Year End Total</b>	<b>109</b>			<b>64</b>			<b>12</b>			<b>4</b>		

**THIS REPORT IS A POINT IN TIME COMPARISON**

THIS DATA DOES NOT INCLUDE DATA FIELDS MARKED BY THE OFFICER AS UNKNOWN.

2023 DATA IS PRELIMINARY AND DOES NOT NECESSARILY INCLUDE FINAL REPORTS (FORM 5, CORONER, AND/OR TOXICOLOGY).

2024 DATA IS NOT FINAL UNTIL THE END OF DECEMBER 2025.

NOTE: The monthly report will be distributed by the 7th of each month.

- Key:**
- Fatalities= Total number of reported fatals (vehicle occupants, pedestrian, motorcyclist, bicyclist, and other).
  - Vehicle Occupants = Driver and occupant fatalities in a motor vehicle.
  - Vehicle Unrestrained = Driver and occupant fatalities in a motor vehicle unrestrained.
  - Pedestrian = Any person on foot, on a personal conveyance, or in a building.
  - Motorcyclist= A person riding any motor vehicle that has a seat or saddle for the use of its operator and is designed to travel on not more than three wheels in contact with the ground.
  - Bicyclist= A person on an other road vehicle that can be propelled by pedaling (bicycle, tricycle, unicycle, pedalcar, electric bike).
  - Other = A person on a scooter, moped, ATV, or other motorized vehicle not captured above on a roadway.

### FATALITIES BY COUNTY:



TOTAL LIVES LOST YTD:

**263**  **3%**

UP 3.14% FROM LAST YEAR

TOP CONTRIBUTING FACTORS:  
**IMPAIRMENT & SPEEDING**

**FATALITIES**



PEDESTRIANS

**75**





UNRESTRAINED  
MOTORISTS

**44**





## Key Area: Traffic Records Coordinating Committee (TRCC)

### Critical Emphasis Area: Traffic Records Coordinating Committee (TRCC)



#### Strategy #1: TRCC Management, Strategic Planning, and Data Use and Integration.

No.	Description	Action Step Leader	Completion (Est.)	Last Update	Status	Output Measure	Comment
1.1	Develop a comprehensive Traffic Records Inventory by consolidating the discrete systems documentation maintained by custodial agencies into a coherent whole to improve accessibility and analysis for all stakeholders and to help encourage interactions between data analysts, data users, and those whose jobs are tangential to traffic safety.	<a href="#">Mike Colety (Kimley-Horn)</a>	Dec 2025	08/08/2024	 Completed	Completion of a comprehensive Traffic Records Inventory database.	The updated data records contact information list has been posted on the TRCC webpage.
1.2	Leverage its collaborative efforts to ensure that all components of the traffic records data system (TRS) are supported by formal data quality management programs.	<a href="#">Mike Colety (Kimley-Horn)</a>	Jun 2022	06/03/2024	 Moderate Progress	Formal quality data management programs in place for TRS components.	Continuing to work on updating data quality processes for each element. Will prepare a summary of existing data quality processes for the various data elements.







## Strategy #2: Crash.

No.	Description	Action Step Leader	Completion (Est.)	Last Update	Status	Output Measure	Comment
2.1	Formalize the process to incorporate changes into the crash data dictionary and corresponding documents.	<a href="#">Kevin Tice (DPS-OTS)</a>	Dec 2022	12/05/2023	 Completed	Formal process for updating the data dictionary.	MMUCC 6th edition is expected to be released this month. work to initiate changes to the NV crash form and users manual will begin in 2024.
2.2	Improve the consistency and reliability of delivery of the crash files from law enforcement to the State to minimize processing effort, reduce the time between crash and data availability, and reduce opportunities for data quality corruption.	<a href="#">Matthew Williams (NDOT)</a> <a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2023	12/06/2023	 Completed	Consistent delivery of crash data files.	With the implementation of a new crash database at NDOT that mirrors Enforcement Mobile's database and a nightly direct transfer of data from Enforcement Mobile to NDOT, this step can be marked complete.
2.3	Implement more timely uploads to NCATS to give users closer to real-time data with which to make critical programmatic and infrastructure enhancements.	<a href="#">Matthew Williams (NDOT)</a> <a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2023	03/18/2024	 Completed	Scheduled NCATS uploads.	Crash data for Enforcement Mobile users is available almost instantly once a crash is approved, and NDOT now receives nightly data transfers from Enforcement Mobile.
2.4	Enhance procedures for managing errors and incomplete data and formalize efforts to ensure that data from reports with validation errors are fixed and entered into the repository. This should include formal changes to the data dictionary as necessary.	<a href="#">Matthew Williams (NDOT)</a> <a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2025	05/01/2024	 Initiated	Improved process for addressing data errors.	E-mail sent to Enforcement Mobile to inquire about validation rules for crashes before being accepted into the system.
2.5	Implement a report for officers related to timeliness, accuracy, and completeness feedback. This can be useful for training, updates to manuals, and form revisions. Allow feedback from users to collectors to further enhance data quality.	<a href="#">Matthew Williams (NDOT)</a> <a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2025	05/01/2024	 Initiated	Standard report for officers that summarizes date submitted, accuracy of the data and completeness of the submittal.	There may potentially be a Data Quality Analyst position written into the new Enforcement Mobile agreement. One of the responsibilities of this position would be data quality checks and feedback, and possible training, to agencies on timeliness, accuracy and completeness of crash data.

**Strategy #3: [Vehicle/Driver.](#)**

No.	Description	Action Step Leader	Completion (Est.)	Last Update	Status	Output Measure	Comment
3.1	Increase active representation on TRCC and providing vehicle data system quality management reports, which could potentially result in obtaining priority consideration for federal traffic records grant funding to enhance the vehicle data system.	<a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2023	03/02/2023	 Moderate Progress	Representative on TRCC roster for Vehicle Data. Regular reporting on vehicle system quality management.	TRCC involvement an engagement has increased. TR Project Managers regularly participate and present updates on ongoing projects. NV DMV now attends TRCC,.
3.2	Attain the driver and vehicles system data from the DMV and link to the crash system NCATS.	<a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2023	12/05/2023	 Initiated	Vehicle and driver data linked from DMV to NCATS.	NCATS has been eliminated. NDOT obtains direct data transfer from Enforcement Mobile daily. Reinitiating discussions with NDMV to access driver and vehicle data to link with traffic records.
3.2	Obtain the required authorizations or attain a non-proprietary version of the driver system documents and narratives to assist with future assessments and system evaluations.	<a href="#">Kevin Tice (DPS-OTS)</a>	Jun 2023	08/24/2022	 Initiated	Obtained driver system documents and narratives.	End date was updated from 6-30-2022 to 6-30-2023. Additional time needed to complete this item.




## Strategy #4: Roadway.

No.	Description	Action Step Leader	Completion (Est.)	Last Update	Status	Output Measure	Comment
4.1	Coordinate with all the entities using and providing roadway data, including entities in the TRCC / NECTS.	<a href="#">Mike Colety (Kimley-Horn)</a>	Dec 2025	03/07/2023	 Moderate Progress	Regular coordination with agencies.	Coordination will take place to gather what existing roadway data is available to share.
4.2	Set access standards for all State users.	<a href="#">Casey Smith (NDOT)</a>	Jun 2022	12/06/2023	 Substantial Progress	Set of standards implemented.	Again to broad of a definition, moving target.
4.3	Use roadway database information already available (e.g., for timeliness calculations).	<a href="#">Kevin Tice (DPS-OTS)</a>	Dec 2025	03/02/2023	 Moderate Progress	Regular usage of information available in the roadway database.	The roadway database is accessed when necessary to supplement other data.
4.4	Organizing the roadway history for archiving in conjunction with the vendor.	<a href="#">Casey Smith (NDOT)</a>	Dec 2025	03/02/2023	 Completed	Archival system in place for the roadway database.	Completed, archival process in place.
4.5	Develop a database or enterprise system that combines roadway and traffic crash data elements.	<a href="#">Matthew Williams (NDOT)</a> <a href="#">Casey Smith (NDOT)</a>	Dec 2025	12/06/2023	 Completed	Completed database with combined roadway and traffic crash data elements.	Completed
4.5	Develop a formal quality control program.	<a href="#">Matthew Williams (NDOT)</a> <a href="#">Casey Smith (NDOT)</a>	Dec 2022	12/06/2023	 Completed	Quality control procedures in place for traffic crash records.	The output measure is QC procedures in place for traffic crash records. Should be moved to Matt, and i believe they have QC procedures already in place.

**Strategy #5: Citation/Adjudication.**

No.	Description	Action Step Leader	Completion (Est.)	Last Update	Status	Output Measure	Comment
5.1	Explore the development of a complete set of performance measures related to the quality of citation systems data	<a href="#">Kevin Tice (DPS-OTS)</a>	Dec 2025	12/05/2023	 Initiated	Summary of research on performance measures and best practices for citation systems' data quality.	The citation adjudication is ongoing entering second year of project.

**Strategy #6: EMS/Injury Surveillance.**

No.	Description	Action Step Leader	Completion (Est.)	Last Update	Status	Output Measure	Comment
6.1	Share information and data management reports with TRCC on a regular basis.	Noehealani Antolin (UNLV) Kevin Tice (DPS-OTS)	Jun 2022	12/07/2022	 Moderate Progress	Add agenda item to TRCC quarterly meetings to provide summary of the data management reports.	Updates are now being provided by UNLV SOM on data analysis.
6.2	Build on the success of the integration of the State crash file and the statewide Nevada trauma registry data and integrate all components of the injury surveillance system.	Noehealani Antolin (UNLV) Kevin Tice (DPS-OTS)	Dec 2025	08/08/2024	 Moderate Progress	Full integration of all data components.	William Porter has made progress on the database infrastructure. He is 95% complete with importing crash and citation data, just need a few rules and validations. Additionally, he is 95% complete on the importing process of crash data. The goal is to link crash and trauma data for FY25.
6.3	Develop the core injury surveillance data into an important resource to define, evaluate, and support highway safety programs and projects through enhanced coordination with the State's health agencies.	Noehealani Antolin (UNLV) Kevin Tice (DPS-OTS)	Dec 2025	06/05/2024	 Moderate Progress	Increased coordination with state health agencies. Injury surveillance data utilized as a performance measure to support data-driven traffic safety programs and projects.	Statewide Trauma Data from DHHS is currently being received by SOM research team. The IRB protocol has been submitted and is under review with IRB data analyst. Once approved, SOM research team will be able to conduct research studies/trends/analysis on the data. Additionally, we are currently working on receiving individual trauma data directly from the hospitals. This is an ongoing process.



KIRK KERKORIAN  
SCHOOL OF MEDICINE

UNLV

# STATISTICAL TRANSPARENCY OF POLICING (STOP) NEVADA DATA COLLECTION PROJECT

**PI:** Deborah A. Kuhls, MD FACS FCCM FRCST (Hon)

**Co-PI:** Courtney Coughenour, PhD

**Co-PI:** Max Gakh, JD, MPH

**Project Manager:** Bertille Mavegam, MD, PhD

**Biomedical Statistician and Co-I:** Kavita Batra, BDS, MPH, PhD, FRSPH

**Co-I:** William Sousa, PhD

**Database Architect & Software Developer:** William Porter, B.S.

**Graduate Student Researchers:** Merika Charupoom, B.S. and Darin Mains, B.S.

# PROJECT GOALS

Develop and implement a statistical transparency of policing (STOP) program in the State of Nevada that aligns with Nevada -SB236 (passed in 2021) regarding traffic-related stops.

# STOP PROJECT ACTIVITIES AND UPDATES

**Objective 1:** Conduct descriptive statistical analysis of preliminary traffic stop data collected in NV in calendar year 2022, and generate a data summarization in compliance with SB236 ⇒ Completed

- Submitted a solicitation of recommendations form to the Joint Interim Standing Committee on the Judiciary
- Team attended the Joint Interim Standing Committee on the Judiciary work session on August 30



# STOP PROJECT ACTIVITIES AND UPDATES

**Objective 2:** Conduct a comprehensive statistical analysis of traffic stop data collected in NV in 2022 and 2023

- Team met with OTS and Tyler Technology to discuss the STOP data and the statistical plan for the next report due December 2024.
  - Data limitations
  - Next report will include descriptive analysis and cross-tabulations
  - Team will work with OTS to get updated 2022 and 2023 datasets

# STOP PROJECT ACTIVITIES AND UPDATES

Council of State Governments and University of Connecticut

- Is providing technical assistance to our team for traffic stop data analysis
- Data use agreement and MOU in process

# STOP PROJECT ACTIVITIES AND UPDATES

**Objective 3:** Update the comprehensive report outline generated in FY23, based on descriptive and comprehensive traffic stop data analyses.

**Objective 4:** Update the interactive dashboard outline created in FY23 based on available traffic stop data.

- Work in progress
- Deliverables by the end of this grant year

# STOP PROJECT ACTIVITIES AND UPDATES

**Objective 5:** Update the beta version of the website created in FY23.

- Ongoing review and update of the website
- Website: <https://trafficsafety.sites.unlv.edu/statistical-transparency-of-policing/>



# DISSEMINATION

- **ATSIP 2024 Traffic Records Forum**
  - Presented an overview of the STOP project and findings from our first report
- **Manuscripts for publication in peer reviewed journals**
  - Comprehensive literature review
  - Findings from focus groups conducted in FY23



TRAFFIC RECORDS FORUM  
AUGUST 11-14



# THANK YOU

**BERTILLE.MAVEGAMTANGO@UNLV.EDU**





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# NEVADA ROAD USERS DATABASE QUARTERLY UPDATES FFY24 July-Sept 2024

**Project Director:** Noehealani Antolin, Ph.D.

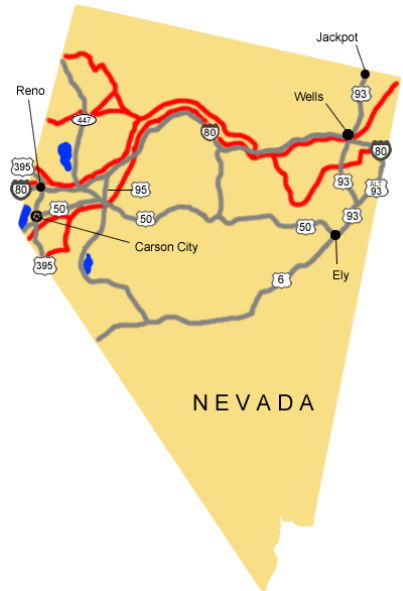
**Principal Investigator:** Deborah A. Kuhls, M.D., F.A.C.S., FCCM, FRCST (Hon)

**Traffic Records Coordinating Committee Meeting Quarterly Updates**

**Date:** September 10th, 2024

# DATABASE MANAGEMENT AND ANALYSIS

**Maintain, link** and **analyze** databases related to Traffic Safety in Nevada including:



**Non-Adjudicated Citations**



**Crash Data**



**Trauma Center Data**



**Crash-linked Trauma Center Data**



**Crash-linked Hospital Data**  
*(formerly known as CHIA)*

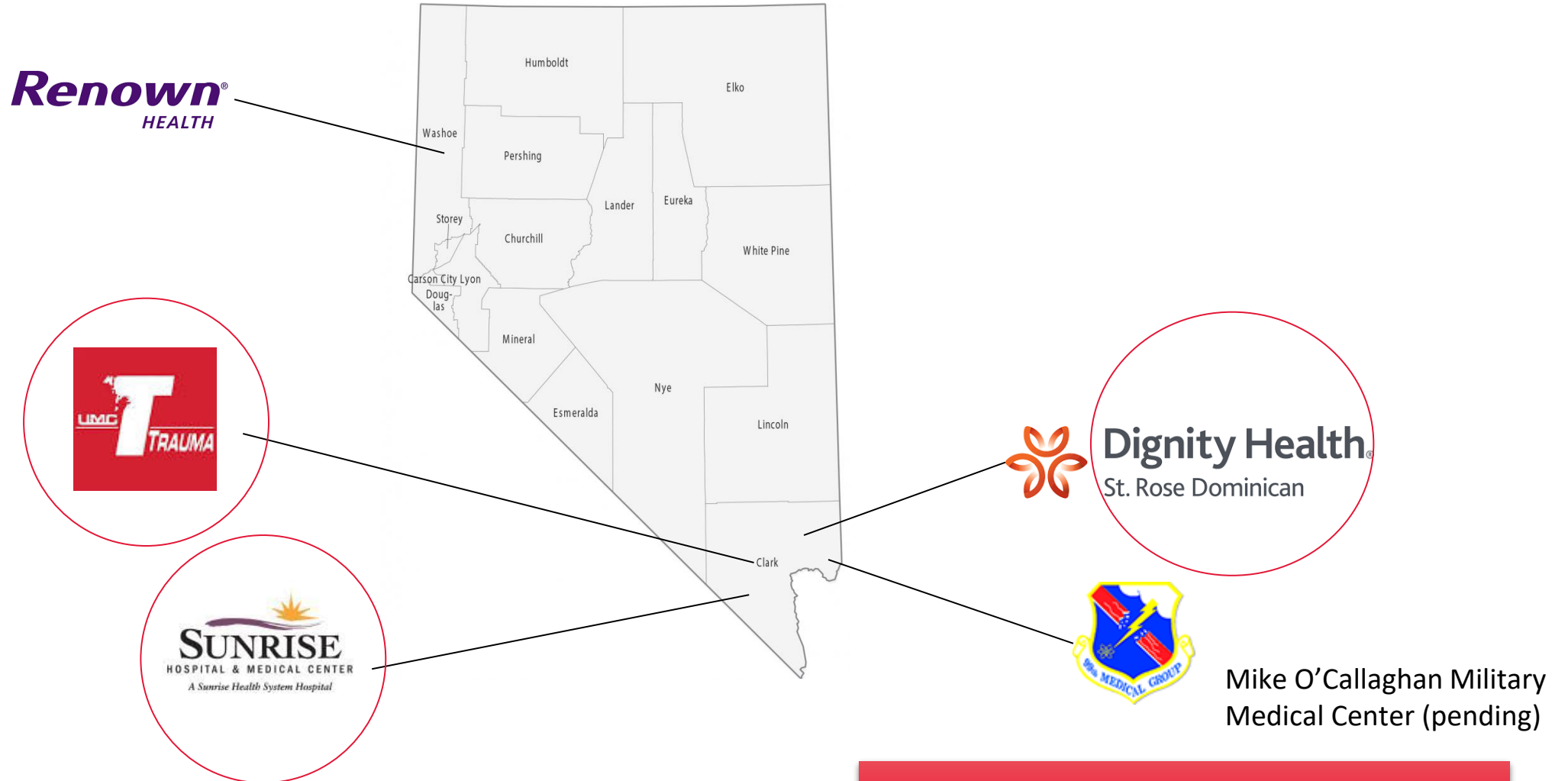


**DUI Data**  
**(3 NV Labs)**



Our data sources are versatile, allowing for a **range of analyses**, including descriptive and disparity studies. Where feasible, these datasets will be **linked using identifiers** to facilitate comprehensive understanding of crashes, including protective and risk factors.

# INDIVIDUAL TRAUMA CENTERS DATA



# STATEWIDE TRAUMA DATA



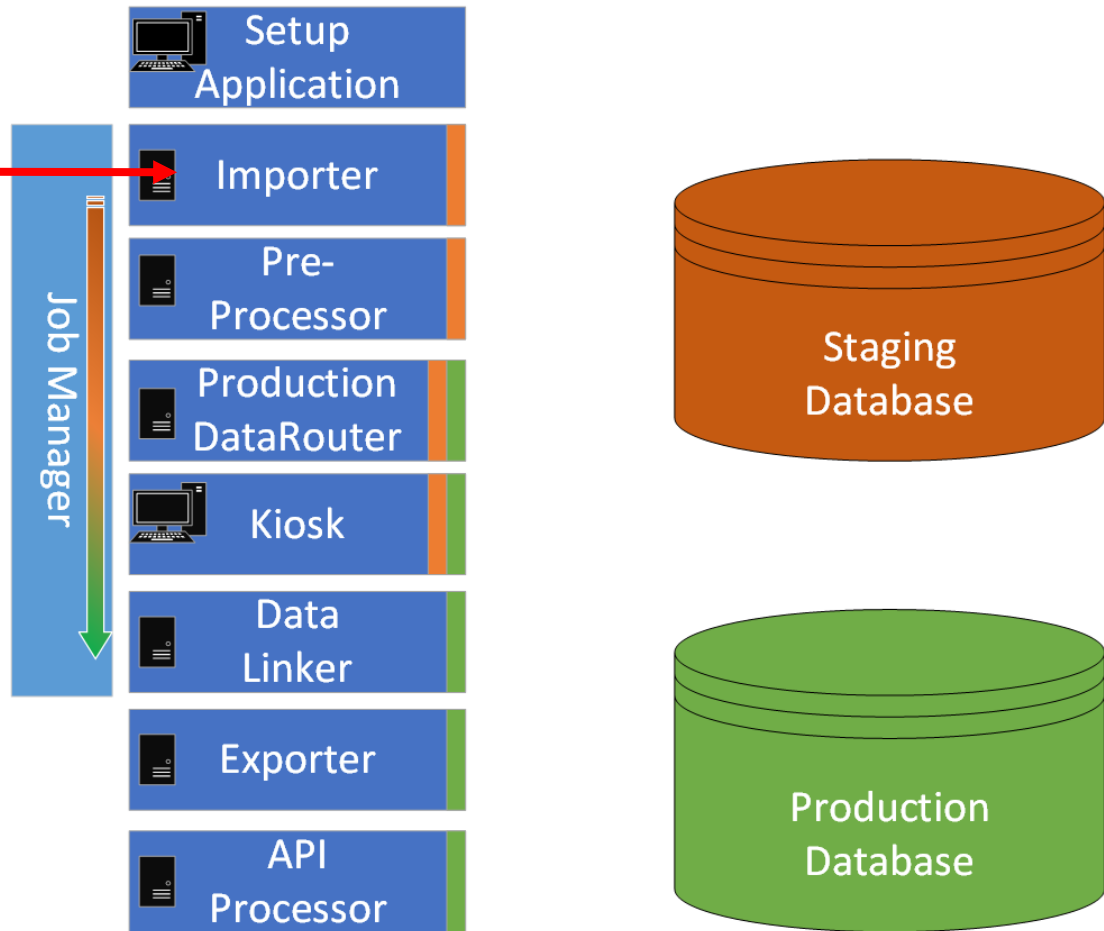
Nevada Department of  
Health and Human Services  
DIVISION OF PUBLIC AND  
BEHAVIORAL HEALTH  
Helping People. It's Who We Are and What We Do.



- **Nevada Trauma Registry** collects data from **all** licensed acute care hospitals [41] and trauma centers [5] in Nevada.
  - Total Traumas between 2019 - 2023 : N = 73,788
    - 2019 - 12,409
    - 2020 - 12,401
    - 2021 - 14,231
    - 2022 - 16,680
    - 2023 - 18,067
- Conducting Data Integrity Checks

# SOM TRAFFIC RECORDS SOFTWARE AND DATA FLOW - UPDATES

97% Complete



# TREND Newsletter

## Distressed Communities Index Levels and Equitable Transportation Communities Non-Adjudicated Citations 2018-2021



**Traffic Control Device**

Under OTS Review



**Distracted Driving**

Under TSR Team Review



**Improper Imprudent  
Driving**

Under TSR Team Review



**Child Passenger Safety**

Under TSR Team Review



# DISSEMINATION OF INFORMATION: CONFERENCES & RESEARCH PRESENTATIONS

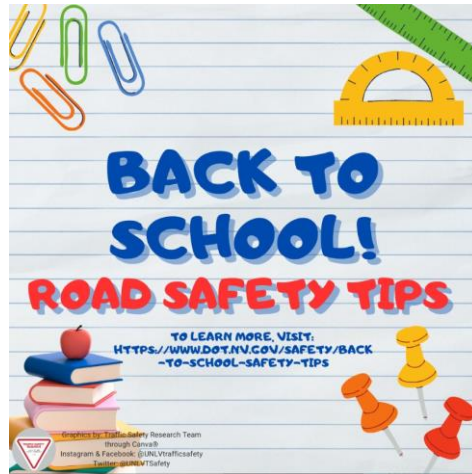
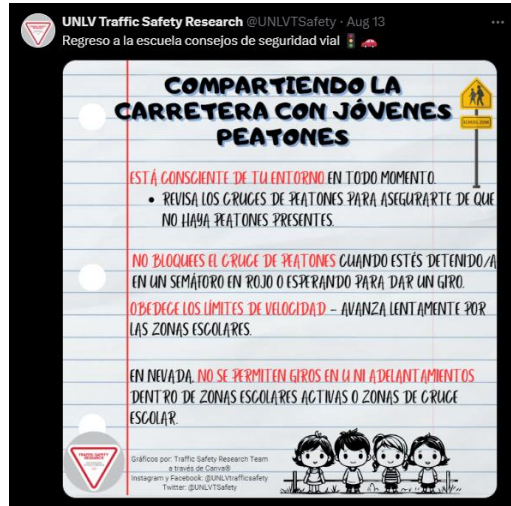
- Traffic Safety Summit Proposal submitted June 2024
- Rural Traffic Safety Summit, July 2024
- Association of Transportation Safety Information Professionals (ATSIP), Oral Presentation, August 2024
- American Public Health Association (APHA), Poster Presentation, October 2024



**Transportation insecurity and distressed communities: A descriptive analysis of Nevada non-adjudicated speeding behavior-related traffic citations from 2018-2021**

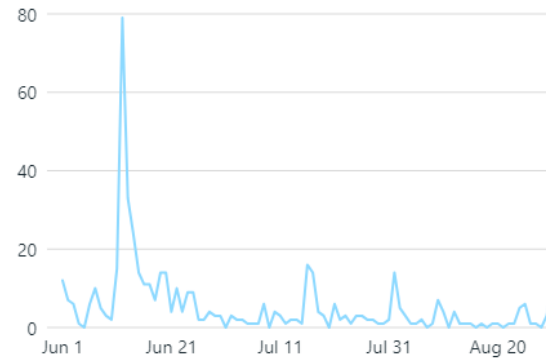
# SOCIAL MEDIA POSTS

## June - August



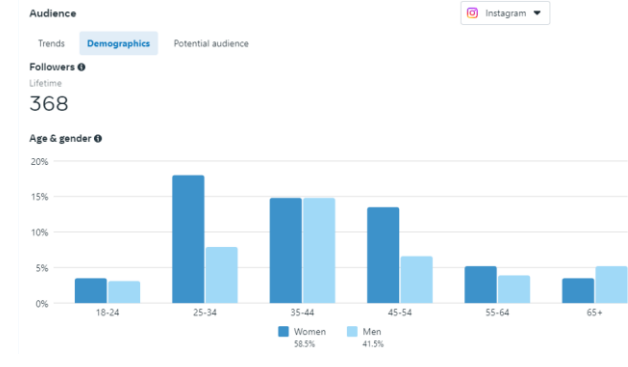
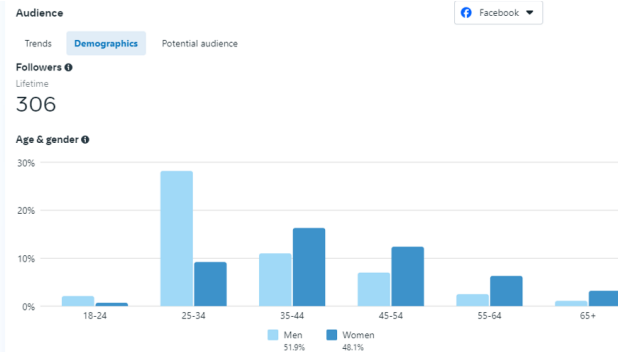
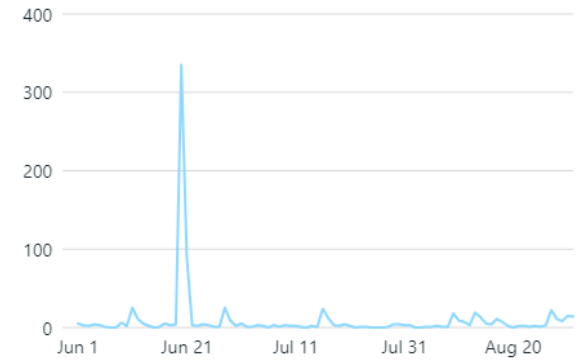
Facebook reach

294 ↑ 76%



Instagram reach

595 ↓ 11.1%



Twitter: 86 (posts & reposts) & 20 impressions  
 Instagram: 30 posts & reposts  
 Facebook: 18 posts & reposts

# MANUSCRIPTS IN PROGRESS

- Comparing Injury patterns, health outcomes, and healthcare utilization by varied levels of restraint use among motor vehicle occupants aged 6-12 years in Nevada: A state-wide audit
  - Under final author review
- Non-adjudicated Speeding Citations 2018-2021
  - In development
- You Drink, You Drive, You Lose Research Manuscript
  - In development

# TRAFFIC SAFETY GROUP WEBSITE

A screenshot of the desktop website for the Traffic Safety Research Group. The header is red with the text "Traffic Safety Research Group" and a search icon. The main content area features a dark background with a road image and the text "Traffic Safety Research Group", "Department of Surgery", and "Kirk Kerkorian School of Medicine at UNLV". Below this is a "Welcome" section with two columns of text. The left column describes the group's work with partners like the Nevada Office of Traffic Safety (NV-OTS) and American College of Surgeons verified Trauma Centers. The right column describes the school's commitment to excellence in preserving health and well-being through research on traffic crashes and officer-initiated traffic stops.

☰ Traffic Safety Research Group 🔍

## Traffic Safety Research Group

Department of Surgery  
**Kirk Kerkorian School of Medicine at UNLV**

### Welcome

The Traffic Safety Research Group works with partners including the Nevada Office of Traffic Safety (NV-OTS) and all of Nevada's American College of Surgeons verified Trauma Centers to (1) understand the human, economic, and other injury-related consequences of traffic crashes, and (2) analyze officer-initiated traffic stop data. This information is used to inform community prevention and policy initiatives with the goal of keeping Nevadans safer while on Nevada roads.

The Kirk Kerkorian School of Medicine at UNLV strives for excellence in preserving the health and well-being of Nevadans and through research it brings new knowledge to treat and prevent disease and injury, and to promote transparency and equity in officer-initiated traffic stops. We have created a repository for the storage and analysis of information about traffic crashes, behaviors, injuries, outcomes, and traffic stop data. Data sets include multiple years of crash (scene) data and trauma center injury and outcome data which are then linked together to create a "virtual picture" of those injured from crash scene to trauma center discharge; and data collected by law enforcement agencies during officer-initiated traffic stops. The goal of our work is to improve traffic safety in Nevada through evidence-based research, which can be used to inform injury prevention and advocacy initiatives, and improve Nevada's transparency in policing.

A screenshot of the mobile website for the Traffic Safety Research Group. The header is red with the text "Traffic Safety Research Group" and a search icon. The main content area features a dark background with a road image and the text "Traffic Safety Research Group", "Department of Surgery", and "Kirk Kerkorian School of Medicine at UNLV". Below this is a "Welcome" section with two columns of text. The left column describes the group's work with partners like the Nevada Office of Traffic Safety (NV-OTS) and American College of Surgeons verified Trauma Centers. The right column describes the school's commitment to excellence in preserving health and well-being through research on traffic crashes and officer-initiated traffic stops.

Traffic Safety Research Group

- Home
- Safety Tips
- Traffic Safety Research – Nevada Road Users Database
- TREND Newsletters and Infographics
- Crash-Hospital Dashboard
- Traffic Safety Research Materials
  - RoadWise Infographics
  - Nevada Legislature
  - Presentations
  - Publications
- Statistical Transparency of Policing
  - STOP Reports
  - STOP Dashboard
- News Media
- Evaluation and Assessment
- About Team ↗

# NEWS MEDIA / COMMUNITY EVENTS



UNLV Summer Camp Turns Teen Drivers into Champions for Safety

The workshops and accident re-enactment immerse students in urban infrastructure planning issues.



# NEXT STEPS

- Publish TREND 13.2 mini series
  - Improper and Imprudent Driving behaviors
  - Distracted Driving
  - Child Passenger Safety
- Nevada Trauma Data
  - Begin data cleaning and analysis
- Individual Trauma Center Data
  - Update IRB protocol
- Database Infrastructure
  - After importer phase is complete, the next phase is developing business rules for data cleaning and coding software
- Dissemination of Information: Conferences
  - Prepare for APHA
- Community Events
  - Car Seat Checks in September
- Social Media
  - Continue to engage with community members on traffic safety related topics
- Traffic Safety Website Maintenance
- Manuscript development

# THANK YOU

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Scan the QR code to **SIGN UP** for  
our quarterly TREND Newsletter:  
<http://bit.ly/47TrRcm>

