

# Traffic Records Data – What's the Big Deal?

Vermont Highway Safety Conference  
Tuesday, March 26th, 2024  
Killington, Vermont

# Overview

- What are Traffic Records?
- Standardized Crash Reporting/ATSIP
  - ANSI D.16
  - MMUCC
- What's the Big Deal?
- State Highway Safety Office SHSP
- Traffic Records Coordinating Committees

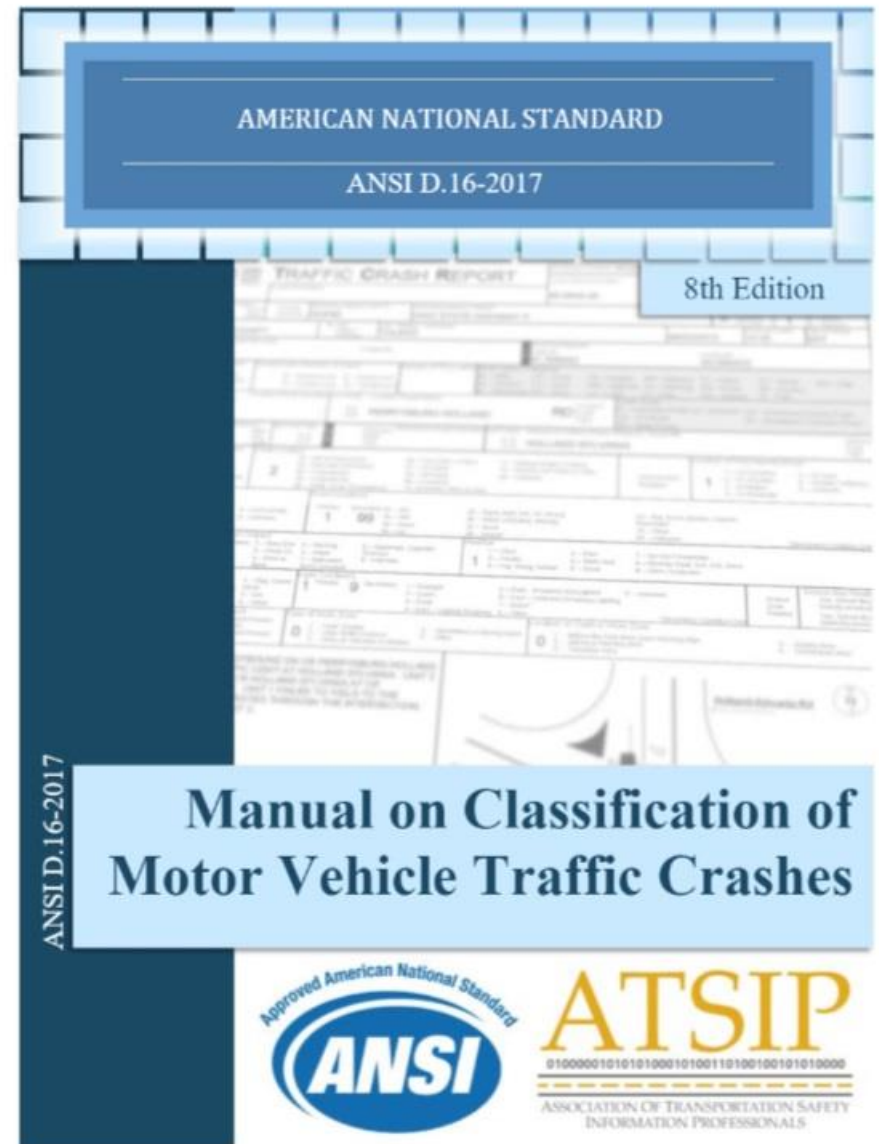


# What are Traffic Records?



# ANSI D.16 Developer

- ATSIP is designated as a standards developer for Classification of Motor Vehicle Traffic Crashes by the American National Standards Institute.
- ANSI D.16 Committee
- Updates
- Maintenance

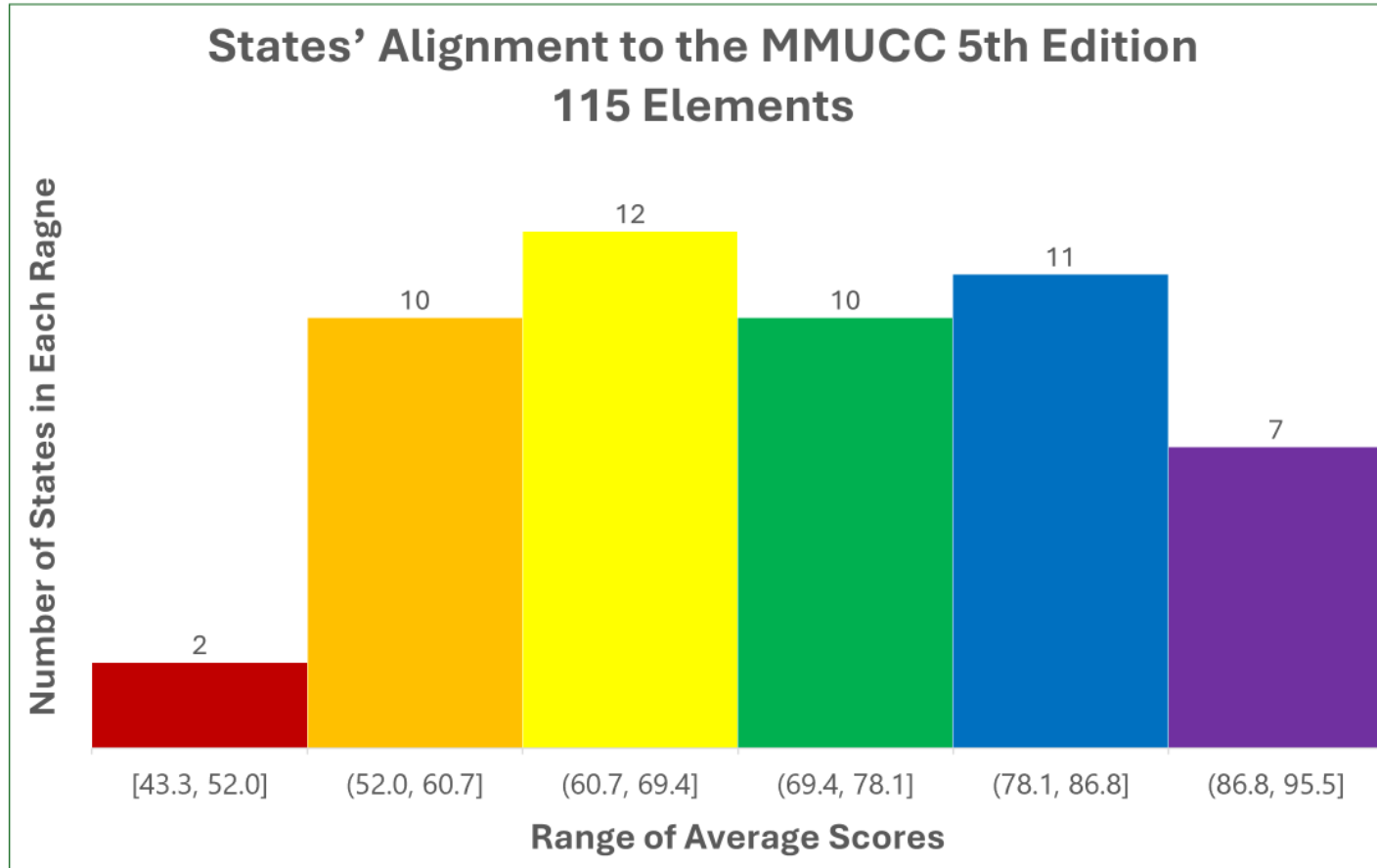


A person wearing a dark cap and a high-visibility yellow-green safety vest is inspecting the front of a silver car. The car's hood and front end are crumpled, indicating a crash. The background is blurred, suggesting an outdoor setting like a parking lot or a crash site.

# The Use of Statewide Standardized Crash Reports

- In 1988, NHTSA and GHSA developed Model Minimum Uniform Crash Criteria (MMUCC) guidelines, define a min set of MVC data elements states should include in their state crash data systems.
- Most states report the use of standardized crash reports, some may vary between local jurisdictions within a state.
- Crash reports vary from state to state across the U.S.
- When crash report elements are not standardized among local, state and federal agencies, this affects the quality of reported crash data on all levels.

# State of the States' Crash Data 2020



Max value  
83.1%

Min value  
21.2%

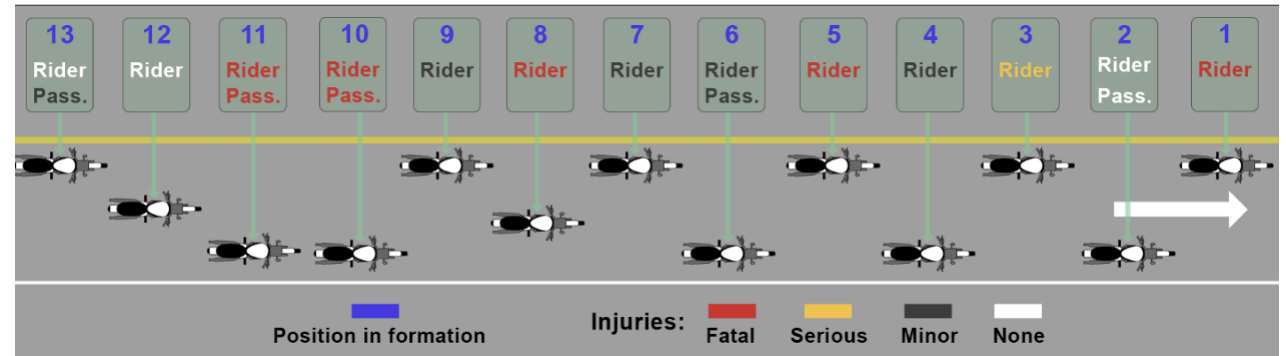
National Average  
46.7%

# State Highway Safety Plans and Annual Reports

- HSP provides historic, trend, and the most current crash data and other State-provided data for the State.
- The identified problem areas dictate the State's highway safety goals, objectives, and planned countermeasures.
- HSP include projections regarding crashes, fatalities, and high-volume areas for risky driving behaviors to occur.
- Projections are informed by the State traffic records.
- State Traffic Records Coordinating Committees (TRCCs) govern and maintain traffic records systems within the State.



# What's the Big Deal – Randolph, NH





# Randolph, NH: NTSB Findings



Jury: Driver of truck not guilty on all charges for role in 2019 collision in Randolph that killed seven motorcyclists

New Hampshire Public Radio | By Todd Bookman  
Published August 9, 2022 at 3:10 PM EDT



- The driver of the truck was impaired by several drugs
- At the time of the crash had a suspended license in CT
- CT entered into an electronic system that alerts other states and should have led the Massachusetts RMV to revoke his license.
- Due to deficiencies in out-of-state driver's license notification processing, the RMV failed to process the suspension notification.
- Driver's employer did not do a thorough check on driver qualifications.
- The carrier's managers and drivers routinely tampered with electronic logging devices and falsified hours-of-service logs

# Randolph, NH Crash Driver History



Trucker involved in deadly NH motorcycle crash wants license back

Date of Event	Violation Type or Behavior	Result	Record Source
06/24/2014	- Driving with a suspended license, in Macedonia, Ohio - Speeding	Driver's license suspended until May 2, 2017 <sup>a</sup>	Massachusetts RMV
August 2018 – Obtained CDL			
December 2018	Unusual behavior resulting from suspected drug use noted by Universe Express manager	Terminated from Universe Express	Employer
02/18/2019	Improper lane/location	<i>No violation or suspension</i>	Massachusetts RMV
05/11/2019 <sup>b</sup>	- Failed field sobriety test - Refused urine drug test	Nonresident driving privilege suspended in Connecticut	Connecticut Department of Motor Vehicles (DMV) and police report
06/03/2019 <sup>c</sup>	- Ran off road and overturned in Baytown, Texas - Was not cited or charged - FBI Express requested driver submit to drug test	<i>No violation or suspension</i>	- Police report - Employer
06/07/2019	Driver provided urine sample for drug testing (test was negative)	Terminated from FBI Express for not completing drug test in time and for being involved in a crash	Employer

<sup>a</sup> Although Ohio entered the information about the infractions into the National Driver Register (NDR) immediately after the violations, the RMV did not become aware of the infractions until December 2016, at which point the RMV suspended his license.

<sup>b</sup> The events of this day and the outcomes are further discussed in section 1.8.

<sup>c</sup> Violation occurred while operating a commercial vehicle.

# What's the Big Deal – Las Vegas, NV



# What's the Big Deal – Las Vegas, NV: NTSB Findings



- The Dodge driver was impaired by cocaine and phencyclidine (PCP)
- Impaired his decision-making such that he accelerated to excessive speed and failed to obey traffic controls
- Dodge driver history - repeat speeding offender.
- Intelligent speed assistance (ISA) system that may have mitigated the severity of the North Las Vegas crash.
- Repeat speeding is a nationwide problem but evidence-based countermeasures targeting repeat speeding offenders are lacking.
- Inaccurate driver records reduce the likelihood that repeat speeding offenders can be accurately identified.

# Las Vegas, NV Crash Driver History

Date	Original Citation Description	Source
02/23/1984	Driving while intoxicated	Criminal history (National Crime Information Center [NCIC])
09/29/1986	Driving while intoxicated	Criminal history (NCIC)
08/13/1992	Speeding	National Law Enforcement Telecommunications System (NLETS)
08/13/1992	Driving while license suspended	NLETS
04/16/1993	Driving while license suspended	NLETS
07/03/2000	Driving without liability insurance	NLETS
02/17/2001	Driving while license suspended	NLETS
02/17/2001	Failure to obey traffic signal	NLETS
11/20/2001	Driving while license suspended	NLETS
02/14/2005	Failure to use signal	NLETS
03/31/2005	Driving while license suspended	NLETS
10/05/2008	Unsafe operation	NLETS
02/22/2011	Speeding	NLETS
04/26/2017	Speeding	Ten-year record (Nevada DMV)
05/17/2017	Speeding	Henderson Justice Court Records
12/25/2017-01/08/2020	License suspended (for failure to pay required fines and costs)	Ten-year record (Nevada DMV)
08/29/2020	Speeding	North Las Vegas Municipal Court Records
11/18/2020	Speeding	North Las Vegas Municipal Court Records
02/03/2021	Speeding	North Las Vegas Municipal Court Records
08/25/2021	Speeding	Las Vegas Municipal Court Records
12/09/2021	Speeding	Clark County Justice Court Records
01/29/2022	*Crash*	

# State Traffic Records Coordinating Committees

- A collaborative group of representatives from the “big six” of traffic records and other stakeholders working to improve the collection, management, and analysis of traffic safety data.
- TRCC membership, stakeholder engagement, responsibilities, and authority are influenced by many factors and vary across States.
- Many State TRCCs have reported challenges with strategic planning and have sought guidance at industry conference discussions such as the Traffic Records Forum’s TRCC Roundtable sessions.



# Traffic Records are EVOLVING!

- Novel Data Sources
- Emerging technologies
- Data Integrations
  - Traffic Records Coordinating Committees
- Data Visualization
- Real Time Accessibility

**EVOLVE**

**SUCCESS**



# What IS the Big Deal About Traffic Records?

- Data sharing - better data = better solutions – more effective traffic safety decisions.
- More accurate projections/predictors and identification of problem ID, “hot spots”, and crash risk.
- More effective use of resources.
- More equitable solutions to mitigate risky driving behaviors.
- Reduction in crashes.
- Reduction in fatalities.





# It Takes a Village...

- Highway Safety Offices
- Law Enforcement
- Emergency Medical Services
- Judiciary
- Road Safety Advocates
- Traffic Records Coordinating Committees
- EVERYONE!



# Traffic Records Forum

- Identify latest safety data collection methods and best practices.
- Improve the accuracy of traffic records and highway safety data.
- Apply performance goals/measures in traffic records system improvements.
- Implement a model traffic records system.
- Organize and operate a successful traffic records committee.
- Recognize the importance of standards and guidelines for traffic records systems.
- Become acquainted with new technologies and ideas.
- Network with a variety of transportation and highway safety professionals.
- Discover how better data can help save lives.





**Questions?**

# Contact Information

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  [ATSIP-Traffic Records Forum](#)