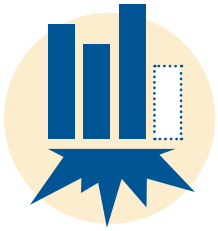
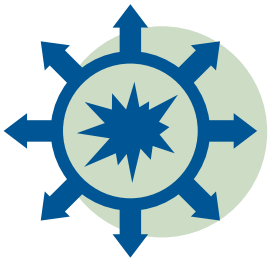
NHTSA's *Guide to Updating State Crash Data Systems* helps states prepare for and implement crash system updates

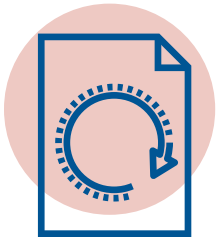


WHAT? Recognizing changing data needs and technological advances in data collection, management, and use, NHTSA developed the *Guide to Updating State Crash Data Systems* to assist states in identifying and implementing updates to their crash systems.



WHY? Crash data is the core dataset connecting all the traffic records systems. States use crash data to prioritize highway safety improvements, design and evaluate safety campaigns, educate the public, allocate enforcement resources, and target improved medical services.

WHO? The guide provides crash data collectors, managers, and users of state crash data systems with tools and noteworthy practice examples. States can use these to develop and define data to be included, processes, and procedures while updating their crash data system. Implementation strategies are also included.



HOW? The material in the guide provides states an opportunity to perform exercises related to engaging stakeholders, identifying gaps in the crash database, and creating action plans for deploying a new system. States can use the guide to complete their crash system update process.

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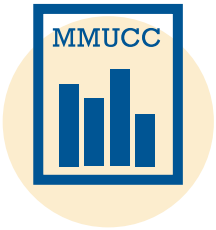
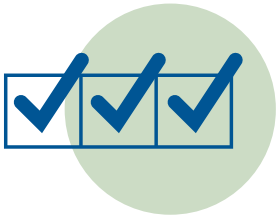
NHTSA

The Guide to Updating State Crash Data Systems includes examples of gap analysis, edit checks and performance measures, and noteworthy practices.



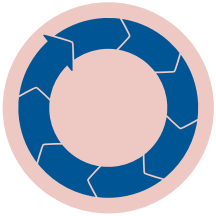
Increasing Alignment to Model Minimum Uniform Crash Criteria: MMUCC was developed to help increase data uniformity and improve highway safety. The guide explains how to conduct a gap analysis to identify opportunities to increase the state's data alignment to MMUCC.



Edit Checks and Performance Measures: Developing edit checks, validation rules, and performance measures as part of the crash system update is more cost-efficient than adding them later. The guide provides an overview as well as specific examples of both edit checks and performance measures.

Noteworthy Practices: States can use the examples of noteworthy practices in their own system designs:

- Crash data collection (human factors design, electronic submission, data interfaces)
- Data linkage and integration including visualizations
- Crash data system documentation such as a data dictionary



Implementation: The guide uses the system development life cycle process and project management best practices to describe the deployment process. The guide also discusses how to design the system, develop an implementation plan, and define training needs. An example outline for creating a course for law enforcement is included.

For more information, visit:
crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813217

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