

Montana Highway Patrol

Web Based Crash Reporting System



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* DOJ / MHP is tasked with the collection and archival of all crash data received within the State.

* Historically, MHP investigations account for approximately 50% of that data.

* The other 50% of the data comes from all the other LEAs

* The evolution of this process has been driven by the following:

The desire to prevent crashes and associated death, injury and monetary loss

By informed efforts in Engineering, Education, Enforcement, EMS

Which requires Uniform, Complete, Accurate and Timely data

* Advancements in technology have allowed this evolution to take place

We started by filling out, storing and sorting through paper reports.

We progressed to filling out paper and then keypunching the data from the paper reports.

We now have the ability to electronically collect data for the report without the paper.

* MARS vs. MMUCC

Montana Accident Reporting System

Currently in use by non-MHP LEAs

Still requires redundant data entry

Data requires conversion into new
database

Does not allow automated data
checking or import

WBCR is designed to phase out the
MARS process, over time

* A New Standard

Model Minimum Uniform Crash Criteria

Newest Federal standard for crash data

Provides for uniformity and consistency of data, not only here, but nationwide

Puts Montana at the forefront of
Crash Data Collection

Uniform, Complete, Accurate and Timely data

* The Technology Factor

Electronic data collection by the At Scene Investigator provides:

Extensive use of standardized lookup choices

Edit Rules eliminate much of the review time for simple mistakes

Redundant data entry is no longer necessary

Many other benefits

* The Best Benefit

Not only does it improve the quality and quantity of our data, the WBCR allows us to streamline the process, getting data into a usable state in a much shorter timeframe.

Analysis can begin sooner and trends identified faster allowing more timely decision making processes in the fields of Engineering, Education and Enforcement, as well as local resource management.

* WBCR

Development, implementation and training
funded by Highway Traffic Safety

Mirrors MHP mobile crash report

Similar in function to MARS computer entry

Web portal allows access to all MT LEA

Can be used with most existing
computer equipment

Web Based Crash may need to be configured to allow Tribal Governments to utilize it, keeping in mind the personal identifying information concerns that each government has expressed in different settings over the past several years. As local agencies start using the system, we will begin conversations with the various tribal governments about Web Based Crash and move toward a customized solution for each tribal government.

Questions:

What are the current investigation procedures and reporting protocols used by your Tribal Law Enforcement?

Currently, are all crashes that occur on Tribal roads investigated and reported?

Do your Tribal Law Enforcement Officers have enough training in crash investigation?

Questions:

Are your crash investigators currently using the State MARS crash report?

Are your crash investigators using another paper or electronic crash reporting system in conjunction with an existing CAD/RMS?

What are your needs for equipment related to crash investigation and reporting?

* WBCR Basic Requirements

Desktop or Laptop computer

OS 2000 or higher & associated browser.

Internet connection DSL or higher

Free Microsoft Silverlight install

Agency Master information

Training

Discussion on Personal Identifiers

What are your concerns related to personal identifiers?

What, if any, identifiers are acceptable?

What are your thoughts about collection versus dissemination?

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