

Emphasis Area #9. Emergency Medical Services Delivery

Champion: Jim DeTienne (EMS and Trauma System Section, Montana Department of Public Health and Human Services)

Objective: Develop an Effective and Integrated Emergency Medical Services (EMS) Delivery System.

Performance Measures:

- **Implementation of CHSP EMS strategies.**
- **Implementation of EMS strategies contained in Montana EMS System Plan.**

Although Emergency Medical Services (EMS) does not affect the number of crashes, it does play a critical role in addressing the results of crashes. EMS providers face particularly challenging conditions within Montana due to the size of the coverage areas, distances from dispatching and treatment facilities, and severe weather conditions during winter months. In addition to these issues, the system is experiencing a shrinking number of volunteers and problems specific to rural areas such as lack of training opportunities and inadequate communications systems. New strategies to improve emergency medical services delivery in support of highway safety are consistent with the recent Montana EMS System Plan prepared by the Department of Public Health and Human Services (DPHHS).

Emergency Medical Services Delivery

New Strategies

Emergency Medical Services Delivery - New Strategies

CHAMPION: Jim Detienne, EMS&TS Section, Department of Health and Human Services (DPHHS) jdetienne@mt.gov (406) 444-4460	Sponsoring Agency	Agency Contact	Implementation Approach - Action Steps	Coordination/ Outreach Efforts	Funding Approach/ Needs/Sources	Implementation Oversight	Evaluation/ Assessment Procedure
Develop an effective and integrated Emergency Medical Services (EMS) delivery system	Implementation Team: Jim DeTienne Department of Health and Human Services (DPHHS), Kevin Fitzgerald (DPHHS), Jenny Nemec (DPHHS), Mary Hill (DPHHS), Emergency Care Council, and State Trauma Care Committee						
EM-1 Improve EMS Education System - Sufficient, Quality Education for EMS Personnel Ensure qualified, knowledgeable, and skilled emergency medical services personnel are available in sufficient numbers throughout the State.	EMS&TS Section, DPHHS	EMS&TS Section	Provide alternate training methods to local EMTs and EMS services, particularly the web-based LearningZen module in Health Information Resource Management System (HIRMS)	Emergency Care Council	General Funds CDC Block Grant Funds	EMS&TS Section, DPHHS	Implementation of education modules in the LearningZen module in HIRMS. Deployment of distance learning programs and numbers of people trained. Conduct various education courses, including train the trainer.
EM-2 Provide for a comprehensive data collection and information system to enable system evaluation and performance improvement.	EMS&TS Section, DPHHS	EMS&TS Section	<ol style="list-style-type: none"> 1. Develop and implement a statewide patient care database (HIRMS). 2. Continue to support the statewide trauma register. 	Emergency Care Council State Trauma Care Committee	HRSA Hospital Preparedness Grant Funds CDC Block Grant Funds General Fund	EMS&TS Section, DPHHS	Deployment of On-Line Pre-hospital Information System module in HIRMS. Collection and reporting of pre-hospital information from all EMS services. Support for trauma register data collection. Implementation of a data linking project.
EM-3 Preventable Mortality Study	EMS&TS Section, DPHHS	Jim DeTienne & EMS&TS Section	<ol style="list-style-type: none"> 1. Collect data for all trauma deaths in 2008. 2. Convene panel in 2011, to review each case to review preventability. 3. Report results in 2012. 4. Compare results with prior preventable mortality studies conducted in 1992 and 1998 to determine if trauma mortality rates are declining. 	Internal data gathering and external expert panel	Variety of funding sources	EMS&TS Section, DPHHS	Scientific assessment of data through expert panel.

Emergency Medical Services Delivery - New Strategies (continued)

CHAMPION: Jim Detienne, EMS&TS Section, Department of Health and Human Services (DPHHS) jdetienne@mt.gov (406) 444-4460	Sponsoring Agency	Agency Contact	Implementation Approach - Action Steps	Coordination/ Outreach Efforts	Funding Approach/ Needs/Sources	Implementation Oversight	Evaluation/ Assessment Procedure
EM-4 Advanced Automatic Crash Notification (AACN) Project	Montana Department of Transportation (MDT)	Kris Christensen (MDT)	1. Investigate options for collecting crash telemetry in identifying severe crashes before dispatching EMS resources 2. Pilot option(s) at selected Montana site(s) 3. Evaluate pilots and recommend future development of AACN in Montana	MDT, EMS&TS Section-DPHHS, MHP and other law enforcement Hospitals EMS providers	Federal Earmark	MDT, EMS&TS Section-DPHHS	1. White paper of options to transfer of AACN data 2. Pilot of option(s) for delivery of AACN data to dispatch, EMS and others 3. Final evaluation and recommendations for future development
EM-5 EMS Review and Assessment of National Research Strategies , for applicability and adoption in Montana.	EMS&TS Section	Jim DeTienne - EMS&TS Section	1. Distribution and Evaluation of <i>Towards Zero Deaths</i> , (TZD), EMS paper published by NHTSA, August 2010 2. Prioritize potential strategies which apply to Montana 3. Incorporate into the EMS&TS strategic plan	Emergency Care Council MDT, EMS&TS Section-DPHHS	Pending strategies	EMS&TS	1. Review of research paper by EMS and MDT 2. Incorporation of key strategies into a work plan