



# Motor Vehicle Crash (MVC) Documentation

## MVC Inclusion

For your ePCR to be classified as **MVC**, any of the following must be true:

- Dispatch complaint is "Traffic/Transportation Incident", "Motorcycle Collision", or "Automated Crash Notification".
- Cause of Injury indicates an MVC [*Patient Assessment* → *Symptoms/Impression*]. In the State of MT Elite ePCR, these options indicate MVC:

Cause of Injury Label	ICD Code*	Cause of Injury Label	ICD Code*
MVC - car occupant injured	V49.9	MVC - industrial vehicle occupant injured	V83.3
MVC - pick-up truck or van occupant injured	V59.9	MVC - military vehicle occupant injured	V86.34
MVC- Motorcycle rider injured in nontraffic incident	V29.3	MVC - Three-wheeled motor vehicle rider injured	V39.9
MVC- Motorcycle rider injured in traffic incident	V29.9	MVC - NOS	V89.9
MVC- ATV/off-road vehicle rider injured in nontraffic incident	V86.99	MVC- Other nontraffic incident	V89.0
MVC- ATV/off-road vehicle rider injured in traffic incident	V86.39	MVC Intent - Unintentional or Unknown	Y32
MVC - agricultural vehicle occupant injured	V84.3	MVC Intent- Assault- Person hit or run over by motor vehicle intentionally	Y03.0
MVC - ambulance or fire unit occupant injured	V86.31	MVC Intent- Self-harm/suicide	X82
MVC - Bus occupant injured	V79.9	Pedal Cycle/Bicycle- Rider injured in MVC	V19.9
MVC - construction vehicle occupant injured	V85.3	Pedestrian- Injured in MVC	V03.9
MVC - heavy transport vehicle occupant injured	V69.9	Dirt bike/moto-cross bike rider injured	V86.96
MVC - industrial vehicle occupant injured	V83.3	Snowmobile rider injured	V86.92
MVC - military vehicle occupant injured	V86.34		

\*ICD Codes are the values that ultimately get sent to NEMESIS, but they are typically not visible to the ECP who is completing the report. Agencies that use 3<sup>rd</sup> party vendors should make sure their ICD code mappings align with the [state's mappings](#). ICD codes V02-V04, V12-V14, V09.0, V09.2, V09.3, V19.0-V19.2, V19.4-V19.9, V20-V79, V83-V89, V98-V99, Y32, Y03, Y02.0, X82, and X81.0 (including all sub-codes) are included as MVC. Animal riders (V80), railway/train (V81-V82), watercraft (V90-V94), and aircraft (V95-V97) are excluded.

- Two or more of the following fields are present and valid
  - o Location of patient in vehicle
  - o Occupant safety equipment ("None" value is excluded)
  - o Airbag deployment
  - o YELLOW (moderate risk for serious injury) [trauma triage criteria](#) is MVC related:

Mechanism of Injury
<ul style="list-style-type: none"> <li>• High-Risk Auto Crash               <ul style="list-style-type: none"> <li>- Partial or complete ejection</li> <li>- Significant intrusion (including roof)                   <ul style="list-style-type: none"> <li>• &gt;12 inches occupant site OR</li> <li>• &gt;18 inches any site OR</li> <li>• Need for extrication for entrapped patient</li> </ul> </li> <li>- Death in passenger compartment</li> <li>- Child (Age 0-9) unrestrained or in unsecured child safety seat</li> <li>- Vehicle telemetry data consistent with severe injury</li> </ul> </li> <li>• Rider separated from transport vehicle with significant impact (eg, motorcycle, ATV, horse, etc.)</li> <li>• Pedestrian/bicycle rider thrown, run over, or with significant impact</li> </ul>



## QI Measures for MVC

Motor Vehicle Crash				
QI Measure	MT		US	
	%	Denominator	%	Denominator
7.1- MVC: Location of Patient in Vehicle Documented	57%	10,200	49%	1,967,226
7.2- MVC: Occupant Safety Equipment Documented	55%	10,200	50%	1,967,226
7.3- MVC: Scene Location Documented	98%	10,200	97%	1,967,226
7.4- MVC: Scene GPS Documented	24%	10,200	57%	1,967,226

- Location of patient in vehicle & occupant safety equipment are documented in the Vehicle Occupant section of the ePCR [*Patient Assessment* → *Vehicle Occupant*]. **You must document an MVC-related cause of injury in order for the Vehicle Occupant section to become visible.**
- If the patient meets high or moderate trauma triage criteria, document a Trauma alert. A radio/cell report to the ED notifying them of an incoming MVC is considered an Alert/Activation regardless of hospital protocols.

## Injury Information

Enter details about the injury via [*Patient Assessment* → *Injury information*]

Note: The Vehicle Occupant tab (shown below) becomes visible after an MVC-related cause of injury is selected

**USE PERTINENT NEGATIVE VALUES where needed:**

## Vehicle Occupant

Enter details about the MVC via [*Patient Assessment* → *Vehicle Occupant*]