

BMDS (IE, 'essential')	BRDS (IE, 'desirable' or 'potential')	Format	Source	Comment
IDENTIFICATION				
Episode Unique Identifier		Numeric (12-16 digit)	?Contributor / ?BTR	<p>It has been suggested that this aggregate field replace the identifying data points listed below. Although requiring further discussion, at present it is suggested that this be composed of:</p> <p>COUNTRY: <i>One digit</i> (eg 1 = Australia; 2 = New Zealand)</p> <p>REGION: <i>Two digits</i> - the state or administrative region (eg in NZ, island or DHB region)</p> <p>HOSPITAL: <i>Three or four digits</i> - the hospital providing definitive/ final care in the acute phase of treatment. Although not all hospitals would receive major trauma for definitive care, it would be useful to have the same hospital codes as for referring hospitals - of which there would be thousands</p> <p>UR or CASE NUMBER: <i>Between 5 and 8 digits</i> - an identifier which can be used to track the specific patient, and ideally case episode. If all bodies which would submit data to a BTR maintain their own registry of trauma cases, this could be a registry case number; if UR is used then other identifiers (such as DOB) would be required to ensure uniqueness</p> <p>This unique identifier could reduce privacy concerns, as patient data could still be queried by the BTR via the contributing body, without being able to actually identify the patient at the BTR end</p>
Registry Number		Numeric	Contributor	To identify submitting registry or hospital
Institution Number		Numeric	Contributor	To identify hospital of definitive care
Trauma Number (ie, Hospital UR)		Numeric	Contributor	To identify patient (for followup)
Incident Number (Unique Identifier)		Numeric	BTR	To identify specific injury event occurring to patient
	Hospital Type	Text (linked to table)	BTR	Linked to Institution Number
DEMOGRAPHICS				
Date of birth		Date	Contributor	
Age		Numeric	BTR	Calculated field - by contributor or BTR
Sex		Text (linked to table)	Contributor	
	Severe prior comorbidities ?	Binary (Y/N)	Contributor	Needs rigid definition
INJURY EVENT DATA				
Date/time of Injury		Date + time (24hr)	Contributor	
Injury Cause (mechanism)		Numeric code (from table)	Contributor + BTR	Able to convert ICD coding or existing discrete lists
	Postcode of injury	Numeric	Contributor	Obtainable where ambulance service used or injury at home
	Injury intent	Text (linked to table)	Contributor + BTR	Able to convert ICD coding or existing discrete lists
	Incident Place Type	Text (linked to table)	Contributor + BTR	Able to convert ICD coding or existing discrete lists
	Injury Description (free text)	Free text	Contributor	Where available, for cross-checking
	Injury Activity	Text (linked to table)	Contributor + BTR	Able to convert ICD coding or existing discrete lists
	Safety Devices Used	Text(linked to table) - multiple	Contributor	Discrete list of devices of interest requires discussion
PRE-HOSPITAL MANAGEMENT				
Transfer From Other Hospital		Text (linked to table)	Contributor	Hospital code (as for definitive hospital)
	Mode Of Transport From Scene	Text (linked to table)	Contributor	
	Time of Ambulance arrival at patient	Date + time (24hr)	Contributor	Where ambulance takes patient from injury scene

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	Time of Arrival at Referral Hospital	Date + time (24hr)	Contributor	
	Mode of Transport for Transfer	Text (linked to table)	Contributor	
	Pre-hospital blood transfusion ?	Binary (Y/N)	Contributor	Prior to arrival at 'definitive' hospital
	Pre-hospital CPR ?	Binary (Y/N)	Contributor	Prior to arrival at 'definitive' hospital
	First (pre-hospital) Pulse	Numeric	Contributor	Ambulance or referring hospital
	First (pre-hospital) Systolic BP	Numeric	Contributor	Ambulance or referring hospital; ? diastolic BP as well
	First (pre-hospital) Spontaneous Respiratory Rate	Numeric	Contributor	Ambulance or referring hospital
	First (pre-hospital) GCS	Numeric	Contributor	Ambulance or referring hospital

INITIAL HOSPITAL MANAGEMENT				
Date/time of arrival		Date + time (24hr)	Contributor	At 'definitive' hospital
Systolic BP on Arrival		Numeric	Contributor	? diastolic BP as well
Pulse on Arrival		Numeric	Contributor	
Respiratory Rate on Arrival		Numeric	Contributor	
GCS on Arrival		Numeric	Contributor	
RTS on Arrival		Numeric	BTR	Calculated field
	Respiratory Qualifier on Arrival	Text (linked to table)	Contributor	For accounting for gaps in data - should one exist for GCS (intubated)?
	Patient intubated ?	Date + time (24hr)	Contributor	Time patient intubated, whether prior to or at 'definitive' hospital
	Temperature on Arrival	Numeric	Contributor	
	CPR at definitive hospital ?	Binary (Y/N)	Contributor	
	Blood transfusion at definitive hospital ?	Binary (Y/N)	Contributor	
	Thoracotomy required at definitive hospital ?	Binary (Y/N)	Contributor	May require further discussion - do other similar procedures exist?
	Alcohol	Numeric	Contributor + BTR	Blood alcohol concentration; can be converted if required

OTHER HOSPITAL MANAGEMENT				
	Disposition from ED (eg ward, OR, death)	Text (linked to table)	Contributor	
	ED Discharge Date / Time	Date + time (24hr)	Contributor	
	Operative Procedures (ie, OR)	Text (linked to table)	Contributor	May be able to convert ICD coding if needed
	Operation Date / Time	Date + time (24hr)	Contributor	

OUTCOME				
Date of Discharge + Time of Discharge		Date + time (24hr)	Contributor	
Discharge destination (eg rehab, death)		Text (linked to table)	Contributor	
AIS Injury Codes		Text (linked to table)	Contributor	AIS 2005 - ?free text description of injury for coding validation
ISS		Numeric	Contributor	
TRISS		Numeric	BTR	Calculated field
Injury Type		Text (linked to table)	Contributor	For TRISS calculation (eg, blunt/ penetrating/ burn/ other)
Length of Stay		Numeric	?Contributor / ?BTR	Calculated field - by contributor or BTR
Length of ICU Stay		Numeric	?Contributor / ?BTR	Calculated field - by contributor or BTR
	Severe complications ?	Binary (Y/N)	Contributor	Needs rigid definition