

eArrest.01 - Cardiac Arrest

Definition

Indication of the presence of a cardiac arrest at any time during this EMS event.

National Element	Yes	Pertinent Negatives (PN)	No
State Element	Yes	NOT Values	Yes
Version 2 Element	E11_01	Is Nillable	Yes
Usage	Required	Recurrence	1 : 1

Associated Performance Measure Initiatives

Cardiac Arrest

Attributes

NOT Values (NV)

7701001 - Not Applicable

7701003 - Not Recorded

Code List

Code Description

3001001	No
3001003	Yes, Prior to Any EMS Arrival (includes Transport EMS & Medical First Responders)
3001005	Yes, After Any EMS Arrival (includes Transport EMS & Medical First Responders)

Data Element Comment

This element is a component of the Utstein Cardiac Arrest Criteria.

If this EMS event is for an interfacility transfer of a patient with a recent history of a cardiac arrest with ROSC, and who does not experience another cardiac arrest during transport, then do not document Cardiac Arrest (eArrest.01) with "Yes, Prior to Any EMS Arrival (includes Transport EMS & Medical First Responders)".

EMS is defined as Emergency Medical Services personnel and Medical First Responder personnel who respond to a medical emergency in an official capacity as part of an organized medical response team. By this definition, physicians, nurses, or paramedics who witness a cardiac arrest and initiate CPR, but are not part of the organized medical response team are characterized as bystanders and are not part of the EMS system.

Medical First Responders are defined as personnel who are dispatched through the 911 system, respond in an official capacity, have the capability and/or training to provide emergency medical care, but are not the designated transporter of the patient. Thus, law enforcement officers who respond in an official capacity to a cardiac arrest, have the capability and/or training to provide emergency medical care (e.g., carry AEDs in their patrol vehicles, hold EMR licensure, are CPR certified, etc.) are considered Medical First Responders for the purposes of this data element.

Responders dispatched through the 911 system with no capability of providing emergency medical care are not considered Medical First Responders. For example, towing and wrecking responding to a vehicle crash, or law enforcement officers who do not provide any emergency medical care would not be considered Medical First Responders.

For States and Local agencies that participate in the Cardiac Arrest Registry for Enhanced Survival (CARES), "Any EMS Arrival" includes 911 Responders (First Responder or EMS) as defined by CARES in the CARES 2018 Data Dictionary: [https://mycares.net/sitepages/uploads/2018/Data%20Dictionary%20\(2018\).pdf](https://mycares.net/sitepages/uploads/2018/Data%20Dictionary%20(2018).pdf).

This NEMSIS data element is used to answer CARES data element #20 Arrest After Arrival of 911 Responder.

Associated Validation Rules

Rule ID	Level	Message
nemSch_e001	Error	When Cardiac Arrest is empty, it should have a Not Value (Not Applicable, Not Recorded, or Not Reporting, if allowed for the element) or a Pertinent Negative (if allowed for the element), or it should be omitted (if the element is optional).
nemSch_e002	Error	When Cardiac Arrest has a Not Value (Not Applicable, Not Recorded, or Not Reporting), it

should be empty.

nemSch_e085	Warning	Date/Time Last Known Well should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e093	Warning	Cardiac Arrest Etiology should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e094	Warning	Cardiac Arrest Etiology should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e095	Warning	Resuscitation Attempted By EMS should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e096	Warning	Resuscitation Attempted By EMS should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e100	Warning	Arrest Witnessed By should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e101	Warning	Arrest Witnessed By should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e103	Warning	AED Use Prior to EMS Arrival should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e104	Warning	AED Use Prior to EMS Arrival should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e105	Warning	Type of CPR Provided should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e108	Warning	Any Return of Spontaneous Circulation should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e109	Warning	Any Return of Spontaneous Circulation should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e111	Warning	Date/Time of Cardiac Arrest should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e112	Warning	Reason CPR/Resuscitation Discontinued should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e113	Warning	Cardiac Rhythm on Arrival at Destination should be recorded when Transport Disposition is "Transport by This EMS Unit..." and Cardiac Arrest is "Yes...".
nemSch_e114	Warning	Cardiac Rhythm on Arrival at Destination should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e115	Warning	End of EMS Cardiac Arrest Event should be recorded when Patient Evaluation/Care is "Patient Evaluated and Care Provided" and Cardiac Arrest is "Yes...".
nemSch_e116	Warning	End of EMS Cardiac Arrest Event should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e118	Warning	Who First Initiated CPR should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e120	Warning	Who First Applied the AED should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e123	Warning	Who First Defibrillated the Patient should only be recorded when Cardiac Arrest is "Yes...".
nemSch_e171	Warning	Hospital Capability should be recorded when Type of Destination is "Hospital..." or "Freestanding Emergency Department" and Cardiac Arrest is "Yes...".