

Arizona PI Tool Box

Cardiac Arrest



Notes for EMS Agency PI Coordinator:

The following data element list is pulled from the [Arizona Data Dictionary](#) developed by the [AZ-PIERS Registry Users Group](#). While each agency may wish to collect and analyze a larger data set we encourage you to also pull and review this data set on a monthly basis. That will enable you to benchmark your agency's performance against a state aggregate when the Bureau publishes a [state report](#).

This report analyzes four performance measures:

1. Reduce the length of time between important time intervals following dispatch,
2. Improve the documentation of bystander CPR performance,
3. Reduce the length of time from arrival on scene to initiation of chest compressions,
4. Reduce the length of time from arrival on scene to defibrillation, and
5. Transport to a cardiac receiving center when appropriate.

Cardiac Arrest Data Set	The time intervals of unit notification, unit en route, unit arrival on scene, and unit transfer of care	E05_04: Unit Notified by Dispatch Date/Time E05_06: Patient Contact Date/Time E05_09: Unit Left Scene Date/Time E05_08: Transfer of Patient Care Date/Time
	Documentation of whether bystander CPR was being performed	E09_01: Prior Aid E09_02: Prior Aid Performed By
	Documentation of whether the cardiac arrest was witnessed	E11-04 – Arrest Witnessed By
	Documentation of the initial cardiac rhythm	E11-05 - First Monitored Rhythm of the Patient
	Documentation of return of spontaneous circulation	E11-06 - Any return of spontaneous circulation
	Documentation of termination of resuscitation	E11_09: Date/Time Resuscitation Discontinued E11_10: Reason CPR Discontinued
	The difference between time unit arrives on scene and the time of first compression	E05_06: Unit Arrived on Scene Date/Time E19_03: Procedure
	The difference between time unit arrives on scene and the time of first defibrillation	E05_06: Unit Arrived on Scene Date/Time E19_03: Procedure
	Is the receiving hospital a cardiac receiving center?	E20_01 – Destination/Transferred to, Name E20_16 - Reason for Choosing Destination