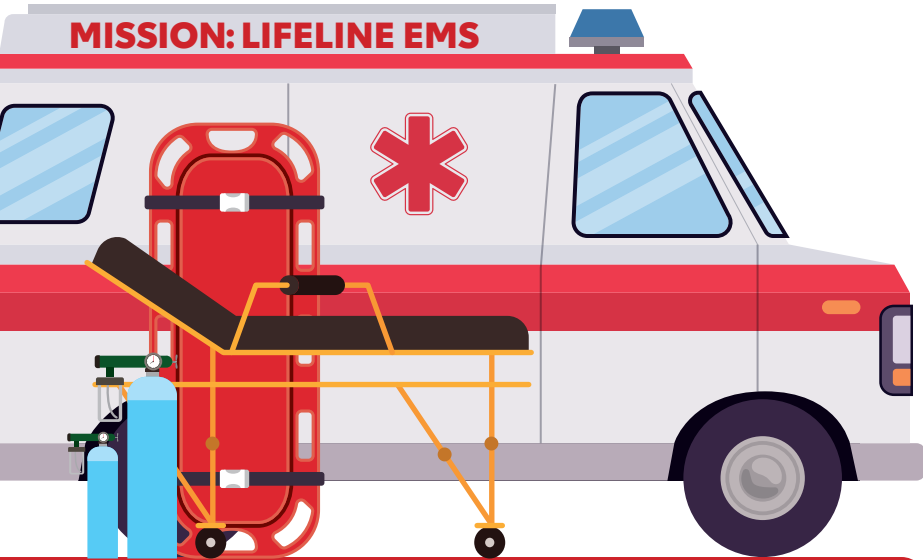




American Heart Association.  
Mission:Lifeline®  
EMS

**2022**  
**EMS RECOGNITION CRITERIA**  
(based on 2021 data)



*The Mission: Lifeline team at the American Heart Association is excited to continue recognizing EMS agencies for applying the most up-to-date evidence-based treatment guidelines to improve care and outcomes in the communities served. Prehospital personnel are the first providers of care to patients suffering from cardiac emergencies. The role of EMS in the system-of-care for these patients is crucial and often sets the course for the patient's outcome.*

**EMS MEASURE 1**

Percentage of patients with non-traumatic chest pain/ACS symptoms in patients  $\geq 35$  years of age, treated and transported by EMS who received a pre-hospital 12 Lead ECG.

**PLUS MEASURE**

Of those patients who received a 12 Lead ECG (measure 1 numerator volume), the percentage of 12 Lead ECGs performed  $\leq 10$  minutes of EMS First Medical Contact on patients with an initial complaint non-traumatic chest pain/ACS symptoms who are  $\geq 35$  years of age. (Required for reporting but not used for baseline recognition analysis)

**EMS MEASURE 2**

The percentage of hospital transmissions suggesting a STEMI alert (or Cardiac Cath Lab Activation) that are performed  $\leq 10$  minutes of the first STEMI positive 12 lead ECG in the field.

**EMS MEASURE 3**

Percentage of patients treated and transported directly to a STEMI Receiving Center, with EMS First Medical Contact to device time  $\leq 90$  minutes and/or EMS First Medical Contact to PCI  $\leq 120$  minutes when transport time  $\geq 45$  minutes and Door to Balloon  $\leq 30$  minutes. (When destination facility = STEMI Receiving Center)

**EMS MEASURE 4**

Percentage of STEMI patients treated and transported directly to a STEMI Referring Hospital, for reperfusion A) With a Door-to-Needle time of  $\leq 30$  minutes OR B) Initial EMS FMC to PCI of the transfer for PCI patients  $\leq 120$  minutes

**AWARD LEVELS**



Aggregated annual compliance ( $\geq 75\%$ ) on applicable Mission: Lifeline EMS Measures 1-4  
Must have achieved Silver or Gold award level in 2021



Aggregated annual compliance ( $\geq 75\%$ ) on applicable Mission: Lifeline EMS Measures 1-4



At least one calendar quarter of compliance ( $\geq 75\%$ ) on applicable Mission: Lifeline EMS Measures 1-4

**VOLUME CRITERIA**

At least 4 STEMI patients (in Measure 3 and/or 4) for the calendar year for all levels of awards

**PLUS AWARD CRITERIA**

Base award (Bronze/Silver/Gold) and  $\geq 75\%$  compliance for the Plus Measure