## EMS Recognition Criteria

**Mission: Lifeline®**

**EMS MEASURE 1**
- Percentage of patients with non-traumatic chest pain/ACS symptoms in patients ≥ 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 ECG's performed ≤10 minutes of EMS First Medical Contact on patients with an initial complaint non-traumatic chest pain/ACS symptoms who are ≥ 35 years of age. (Required for reporting but not used for baseline recognition analysis)

**EMS MEASURE 2**
- The percentage of hospital notifications or 12 lead ECG transmissions suggesting a STEMI alert (or Cardiac Cath Lab Activation) that are performed ≤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 ≤90 minutes and/or EMS First Medical Contact to PCI ≤120 minutes when transport time ≥45 minutes and Door to Balloon ≤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 ≤30 minutes OR B) Initial EMS FMC to PCI of the transfer for PCI patients ≤120 minutes

### EMS Reporting Measures

**EMS REPORTING MEASURE A**
- Percentage of patients with suspected stroke for whom advanced notification (Stroke alert) was provided to the destination hospital.

**EMS REPORTING MEASURE B**
- Percentage of patients with suspected stroke, treated and transported, who had a documented Last Known Well (LKW) Time.

**EMS REPORTING MEASURE C**
- Percentage of adult Out-Of-Hospital Cardiac Arrest (of suspected cardiac etiology), with ROSC in the field, with ROSC maintained to the ED, who has a 12 Lead ECG acquired.

**EMS REPORTING MEASURE D**
- Percentage of STEMI patients treated and transported directly to a STEMI Receiving Center, with EMS First Medical Contact to device time ≤90 minutes and/or EMS First Medical Contact to PCI ≤120 minutes when transport time ≥45 minutes and Door to Balloon ≤30 minutes. (When destination facility = STEMI Receiving Center)

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

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**2021 Mission: Lifeline EMS Recognition Award Levels:**

<table>
<thead>
<tr>
<th>Bronze EMS</th>
<th>Silver EMS</th>
<th>Gold EMS</th>
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<tbody>
<tr>
<td>• At least one calendar quarter of compliance (≥75%) on applicable Mission: Lifeline EMS Measures 1-4</td>
<td>• Aggregated annual compliance (≥75%) on applicable Mission: Lifeline EMS Measures 1-4.</td>
<td>• Aggregated annual compliance (≥75%) on applicable Mission: Lifeline EMS Measures 1-4.</td>
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<tr>
<td>Volume Criteria – At least 4 STEMI patients (in Measure 3 and/or 4) for the calendar year for all levels of awards.</td>
<td>Plus Award Criteria – Base award (Bronze/Silver/Gold) and ≥75% compliance for the Plus Measure</td>
<td>• Must have achieved Silver or Gold award level in 2019.</td>
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The American Heart Association appreciates all agencies that apply for recognition and for those who participate in the Reporting Measure option of the application. The reporting measures give insight into possible gaps in care that warrant a stronger focus as well as planning for future recognition measures.

For additional Mission: Lifeline EMS Recognition information, please visit [www.heart.org](http://www.heart.org) or email MissionLifeline@heart.org.