



American Heart Association®
Mission:Lifeline®
EMS

Mission: Lifeline® EMS 2023 Recognition Program

January 12, 2023



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Agenda

- 🔥 Overview
- 🔥 2022 Awards Summary
- 🔥 Key Concepts
- 🔥 2023 Measure Updates
- 🔥 Application process
- 🔥 2023 Award Scenarios
- 🔥 Q&A



Mission: Lifeline[®] EMS Recognition

Overview



Mission: Lifeline EMS recognition is a program designed to showcase prehospital agencies nationwide for excellence in heart attack and stroke care.

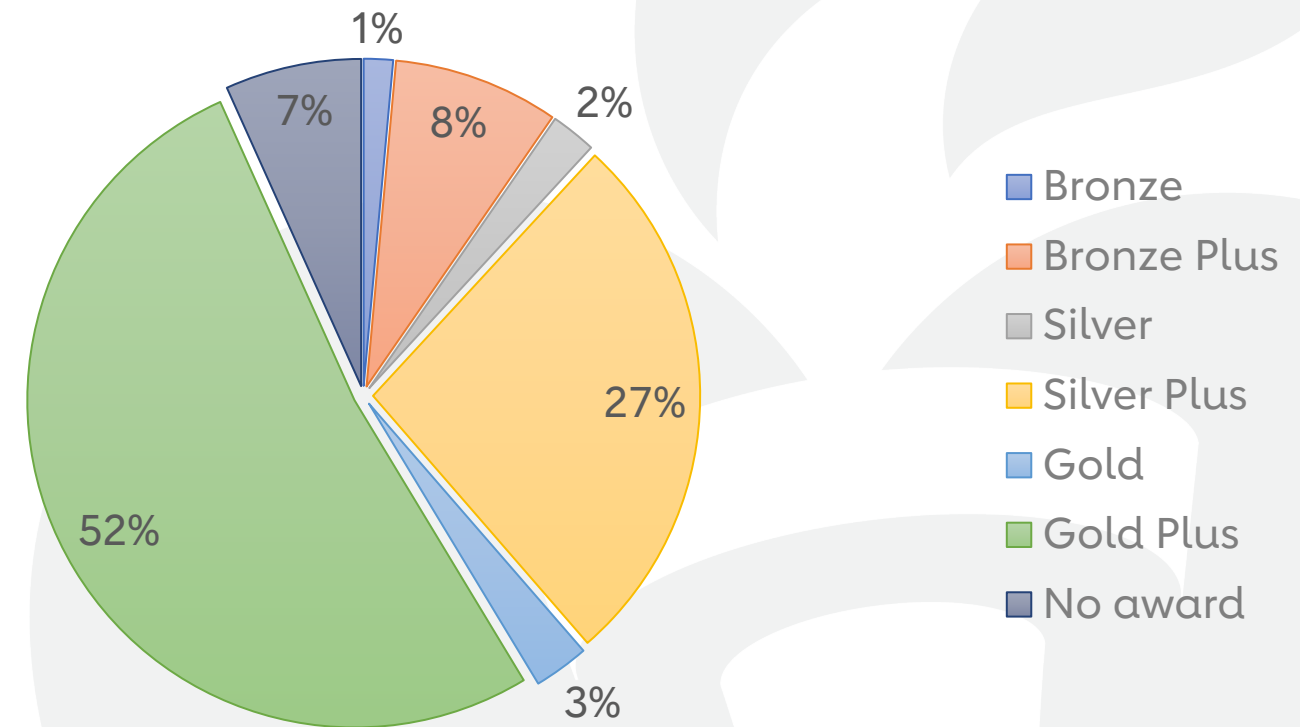
Awards Summary

2022 Mission: Lifeline EMS Recognition

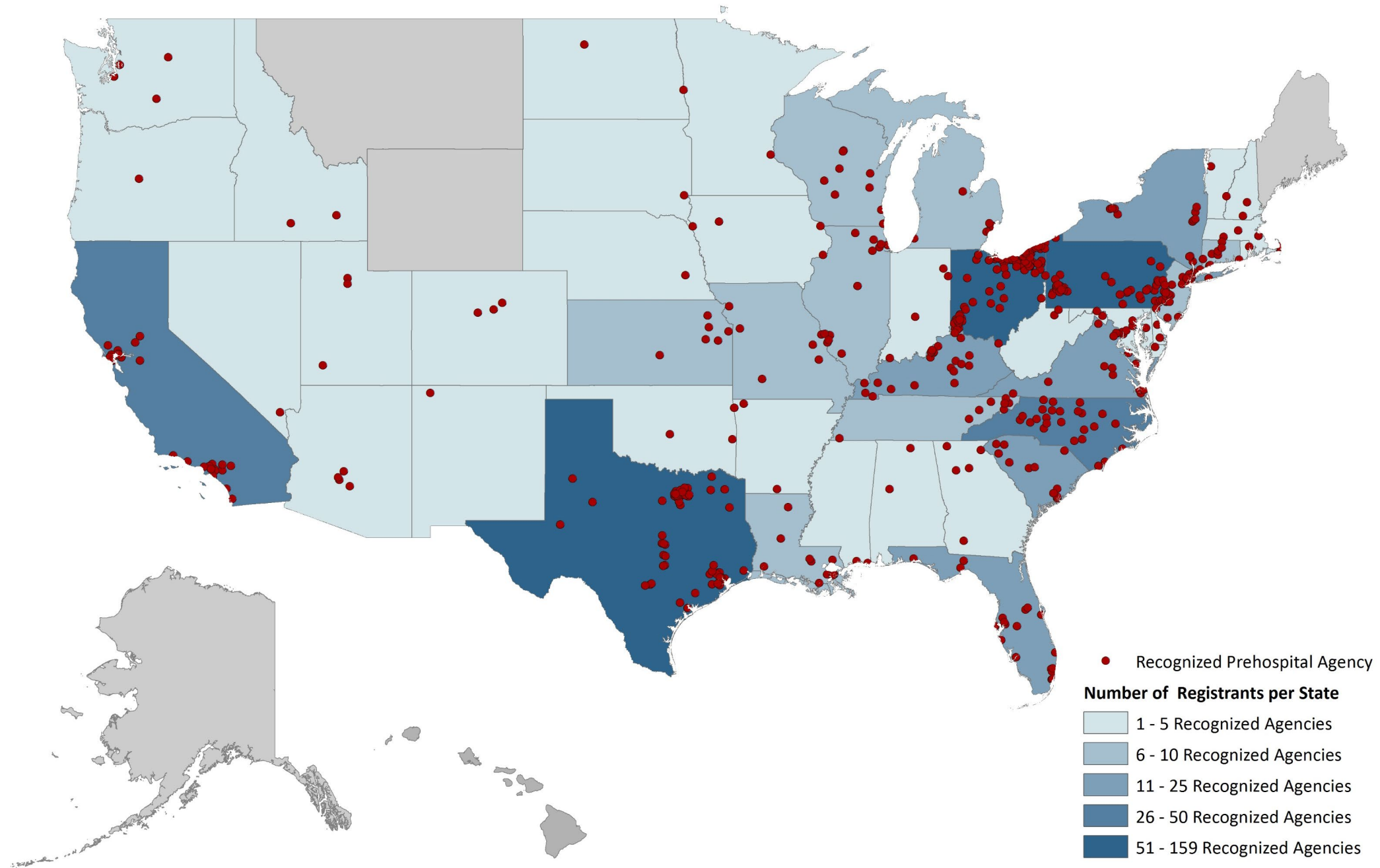
- 558 total submissions*
 - Bronze, 9
 - Bronze Plus, 51
 - Silver, 14
 - Silver Plus, 167
 - Gold, 17
 - Gold Plus, 324
 - No award, 42

- All agencies listed within joint and regional applications received individual certificates totaling 624 award certificates emailed to awarded agencies.

2022 Mission Lifeline Awards Summary



2022 Awarded Agencies



Key Concepts

- Two recognition awards
 - Stroke and heart attack measures
- New application (individual)
- AHAEMS ID
- Target Award versus Plus Award status

Application Deadline

- March 31, 2023: application submission period closes at 11:59pm CST.



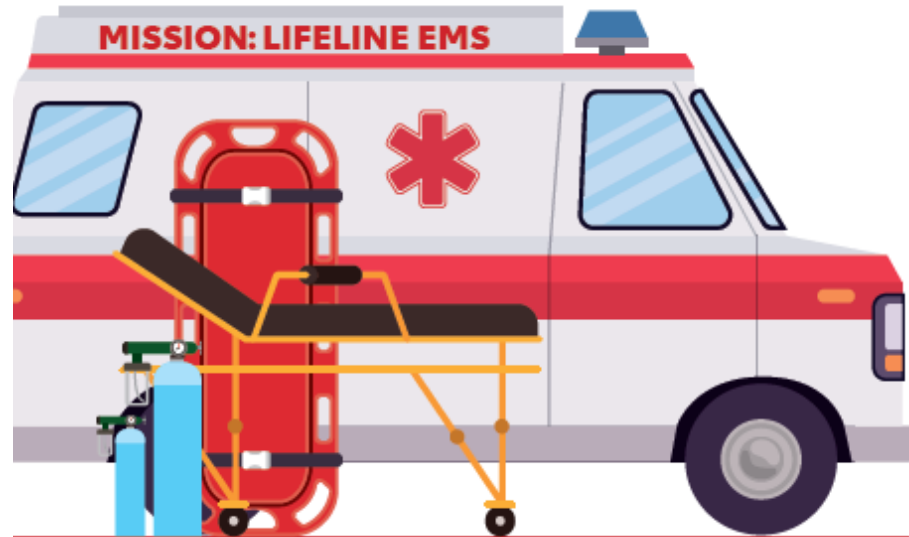


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2023 Measure Updates



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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 they serve.

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.

For additional Mission: Lifeline EMS Recognition information, please visit www.heart.org/missionlifeline or email MissionLifeline@heart.org.

2023
EMS RECOGNITION CRITERIA
(based on 2022 data)

Mission: Lifeline EMS Award

- AHAEMS1** Pre-arrival notification for suspected stroke
- AHAEMS2** Documentation of last known well for patients with suspected stroke
- AHAEMS3** Evaluation of blood glucose for patients with suspected stroke
- AHAEMS4** Stroke Screen Performed and Documented
- AHAEMS5** 12-lead ECG performed within 10 minutes for suspected heart attack
- AHAEMS6** Aspirin administration for STEMI-positive ECG
- AHAEMS7** Pre-arrival notification ≤ 10 minutes for STEMI-positive ECG

Volume Criteria: At least 4 patients for the calendar year (>1 STEMI patient and >1 Stroke Patient)

Mission: Lifeline System of Care Target Heart Attack Award

- AHAEMS8** EMS First Medical Contact (FMC) to PCI ≤ 90 minutes for Patients with STEMI
- AHAEMS9** Door to Thrombolytic Administration ≤ 30 minutes for Patients with STEMI

Volume Criteria: At least 4 STEMI patients for the calendar year

AWARD LEVELS



Aggregated annual compliance of ≥75% for all required measures and Silver or Gold award in 2022



Aggregated annual compliance of ≥75% for all required measures



At least one calendar quarter of compliance ≥75% for all required measures

Measure Concepts

- Inclusion
- Exclusion (always removed from denominator)
- Exception (remove from denominator if present and numerator is not met)

- Numerator
- Denominator

AHAEMS1: Pre-Arrival Notification for Suspected Stroke

- The percentage of EMS patients aged 18 years and older transported from the scene with a primary or secondary impression of stroke whom a pre-arrival alert for stroke was activated during the EMS encounter.
- Exclusions: Patient died prior to arrival at the hospital.
- Exceptions: None



AHAEMS2: Documentation of Last Known Well for Patients with Suspected Stroke

- The percentage of EMS patients aged 18 years and older transported from the scene with suspected stroke for whom Last Known Well was documented during the EMS encounter.
- Exclusions: Patients with an altered level of consciousness (AVPU less than A or GCS less than 15)
- Exceptions: None

AHAEMS3: Evaluation of Blood Glucose for Patients with Suspected Stroke

- The percentage of EMS patients aged 18 years and older transported from the scene with suspected stroke for whom blood glucose was evaluated during the EMS encounter.
- Exclusions:
 - Patients who died prior to hospital arrival
- Exceptions:
 - Documented reason(s) for not evaluating blood glucose:
 - Patient refused blood glucose evaluation
 - Unable to complete blood glucose evaluation (e.g., No glucose monitor available)

AHAEMS4: Stroke Screen Performed and Documented

- The percentage of EMS patients aged 18 years and older transported from the scene with a suspected stroke for whom a stroke screen was performed and documented during the EMS encounter.
- Exclusions:
 - Patients who died prior to hospital arrival
- Exceptions:
 - Documented reasons for not performing stroke screen:
 - Altered level of consciousness (AVPU less than A or GCS less than 15)
 - Patient refused stroke screen
 - Unable to complete stroke screen (e.g., patient in cardiac arrest, trauma injury, other time-sensitive conditions requiring care)

AHAEMS5: 12-lead ECG performed \leq 10 minutes for Suspected Heart Attack

- The percentage of EMS patients aged 18 years and older transported from the scene with chest pain or a suspected MI for whom a 12-Lead ECG was performed \leq 10 minutes of first medical contact.
- Exclusions:
 - None
- Exceptions:
 - Patients in cardiac arrest; OR
 - Patients requiring advanced airway management prior to ECG; OR
 - Patients in shock or with injury, requiring stabilization; OR
 - Patients refused care

AHAEMS6: Aspirin Administration for STEMI-positive ECG

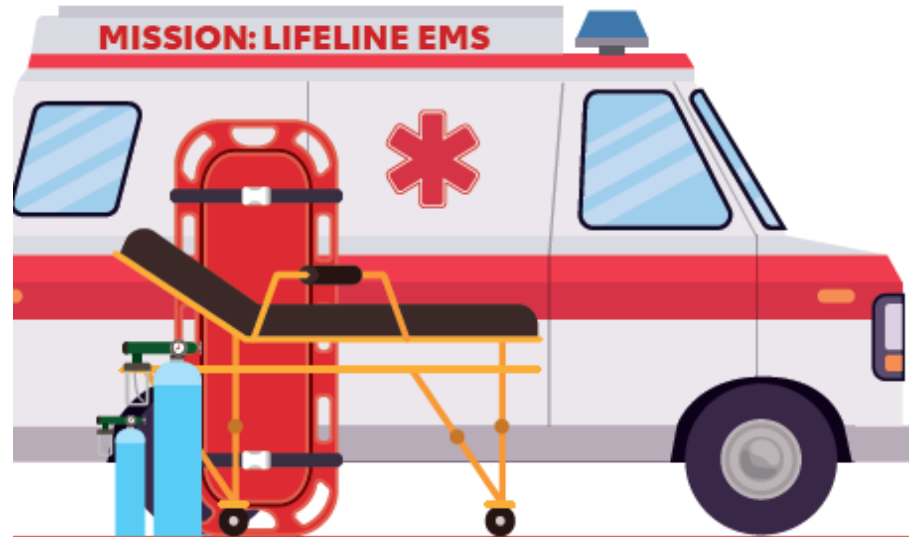
- Percent of EMS patients aged 18 years and older transported from the scene with a STEMI positive ECG who were administered aspirin.
- Exclusions: None
- Exceptions:
 - Patients with a documented allergy or contraindication (e.g., Warfarin or other anticoagulant/antiplatelet medication, liver disease/cirrhosis, etc.) to aspirin
 - or
 - Patient refused medication

AHAEMS7: Pre-Arrival Notification \leq 10 Minutes for Positive STEMI Heart Attack ECG

- The percentage of EMS patients aged 18 years and older transported from the scene with a STEMI positive ECG for whom pre-arrival notification was activated \leq 10 minutes of positive ECG.
- Exclusions:
 - None
- Exceptions:
 - Patients in cardiac arrest OR
 - Patients requiring advanced airway management prior pre-arrival alert OR
 - Patients in shock or with injury, requiring stabilization OR
 - Patients who refused care/transport



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2023
EMS RECOGNITION CRITERIA
(based on 2022 data)

Mission: Lifeline EMS Award

- AHAEMS1** Pre-arrival notification for suspected stroke
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Volume Criteria: At least 4 patients for the calendar year (>1 STEMI patient and >1 Stroke Patient)

Mission: Lifeline System of Care Target Heart Attack Award

- AHAEMS8** EMS First Medical Contact (FMC) to PCI ≤ 90 minutes for Patients with STEMI
- AHAEMS9** Door to Thrombolytic Administration ≤ 30 minutes for Patients with STEMI

Volume Criteria: At least 4 STEMI patients for the calendar year

AWARD LEVELS



Aggregated annual compliance of ≥75% for all required measures and Silver or Gold award in 2022



Aggregated annual compliance of ≥75% for all required measures



At least one calendar quarter of compliance ≥75% for all required measures

Mission: Lifeline EMS Award Levels



Time Period of Compliance	One calendar quarter	One calendar year	One calendar year + Silver or Gold award in 2022
Minimum Adherence Score	≥75%	≥75%	≥75%
Minimum Volume Requirement	≥4 STEMI & Stroke patients in calendar year	≥4 STEMI & Stroke patients in calendar year	≥4 STEMI & Stroke patients in calendar year

* 2022 award status will be accounted into award determination.





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Mission: Lifeline System of Care Target Heart Attack Award

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AHAEMS8 and AHAEMS9



AHAEMS8: EMS FMC to PCI \leq 90 Minutes for Patients with STEMI

- The percentage of patients directly transported to a STEMI receiving center, with EMS First Medical Contact to PCI \leq 90 minutes.
- Exclusions: None
- Exceptions:
 - Patients in cardiac arrest OR
 - Patients requiring advanced airway management prior pre-arrival alert OR
 - Patients in shock or with injury, requiring stabilization OR
 - Patients who refused care/transport



AHAEMS9: Door to Thrombolytic Administration \leq 30 Minutes for Patients with STEMI

- The percentage of patients with STEMI treated and directly transported to the destination hospital, with a door-to-thrombolytic time of <30 minutes
- Exclusions: None
- Exceptions:
 - Patients in cardiac arrest OR
 - Patients requiring advanced airway management prior pre-arrival alert OR
 - Patients in shock or with injury, requiring stabilization OR
 - Patients who refused care/transport



Mission: Lifeline System of Care Target Heart Attack Award

AHAEMS8 and AHAEMS9 Measure Notes

- Must qualify for M:L EMS Prehospital Award
- Transporting agencies only
- Volume requirement:
 - >4 STEMI patients per calendar year



Mission: Lifeline EMS System of Care Award Levels



Time Period of Compliance	One calendar quarter	One calendar year	One calendar year + Silver or Gold award in 2022
Minimum Adherence Score	$\geq 75\%$	$\geq 75\%$	$\geq 75\%$
Minimum Volume Requirement	≥ 4 STEMI patients in the calendar year	≥ 4 STEMI in the calendar year	≥ 4 STEMI patients in the calendar year

* 2022 award status will be accounted into award determination.





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Application Process

How to apply

1. View and download the [Application Worksheet](#). Please use this form to gather all 2023 data (based on 2022 records).
2. Review [2023 Mission: Lifeline EMS Recognition Measures](#) document.
3. Abstract data from your agency ePCR.
4. Visit the [website](#) and use the link to apply.

Reminder: New application does not automatically save.

The website and application will be live on Thursday, January 19, 2023.



2023 Mission: Lifeline® EMS Recognition

Mission: Lifeline EMS recognition is the American Heart Association's program that recognizes prehospital emergency agencies for their quality of care for heart attack and stroke patients. The recognition program focuses on transforming care quality by connecting all heart attack and stroke care components into a seamlessly integrated care system.

To access additional resources for 2023 Mission: Lifeline EMS Recognition, please visit our [Mission: Lifeline EMS Recognition](#) web page.

Questions? Please email missionlifeline@heart.org.

Thank you for your participation in Mission: Lifeline EMS Recognition.

Before completing the form below, please visit the [Mission: Lifeline EMS website](#) and review the associated documents and procedures for the application process.

Reminder: this form does **NOT** have saving capabilities. Please utilize the worksheet (above link) to ensure data completeness before submission below.

Before completing this form, please [click here](#) to find your AHAEMS ID.

American Heart Association (AHA) EMS ID *

Agency Name (Legal Name) *

Enter the name of the agency applying for recognition (no abbreviations please). (i.e., this may be the name printed on your state EMS license).

Street Address *

Please enter the physical address of the agency applying for recognition.

Street Address (Continued)

AHAEMS1 - Pre-Arrival Notification for Suspected Stroke

Percentage of EMS patients aged 18 years and older transported from the scene with a primary or secondary impression of stroke whom a pre-arrival alert for stroke was activated during the EMS encounter.

AHAEMS1 (Q1) Numerator *

AHAEMS1 (Q1) Denominator *

AHAEMS1 (Q2) Numerator *

AHAEMS1 (Q2) Denominator *

AHAEMS1 (Q3) Numerator *

AHAEMS1 (Q3) Denominator *

AHAEMS1 (Q4) Numerator *

AHAEMS1 (Q4) Denominator *



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2023 Award Scenarios

Scenario 1

- ABC County EMS earned the Gold Plus award for 2022 M:L EMS recognition. They applied for recognition in 2023 (2022 data) and met all required criteria and measures with at least 75% for the Prehospital and Systems of Care awards. What award will this agency receive?
- **2023 Mission: Lifeline EMS Systems of Care Gold**

Scenario 2

- QRS Fire Department does not transport patients and in previous recognition years has been listed as a team member on a partner EMS agency's application. They meet volume criteria and one quarter of compliance on the required prehospital award recognition measures. What award will this agency receive?
- **2023 Mission: Lifeline EMS Prehospital Bronze Award**

Scenario 3

- City of XYZ EMS agency has never applied for recognition in previous years. This agency meets volume criteria and 75% compliance on all Prehospital award measures for calendar year 2022, except the Blood Glucose Analysis measure. They did not have any patients meet the denominator inclusion criteria for this measure. Do they qualify for the M:L EMS Prehospital award?
- No, they did not meet the one patient in the denominator for each required measure requirement. Since they do not qualify for the Prehospital award, they also are not eligible for the Systems of Care award.

Scenario 4

- An EMS agency received a Silver award in 2022. This agency meets all Prehospital award criteria and measures compliance for one-quarter of data. They meet the criteria and measure compliance for the calendar year 2022 for the required Systems of Care measures. What award is this agency eligible for?
- **2023 Mission: Lifeline EMS Systems of Care Bronze Award.** Since this agency only met one-quarter of compliance for the Prehospital award criteria, they would only be eligible for a bronze award. The time of compliance must match for both award levels.



Next Steps

- Visit website
 - Application will be updated by **Thursday, January 19, 2023.**
- Office Hours | Save The Date
 - February 15, 2023*
 - March 22, 2023*
 - *Subject to change
- **March 31, 2023:** application submission period closes at 11:59pm CST.





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Q&A

Application Deadline

- March 31, 2023: application submission period closes at 11:59pm CST.



THANK YOU

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*For questions, email MissionLifeline@heart.org
or visit our [website](#).*



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