

# Mission: Lifeline Iowa Summary of Grant Outcomes

**October 25<sup>th</sup>, 2018\***

(\*originally presented – updated January 2021)

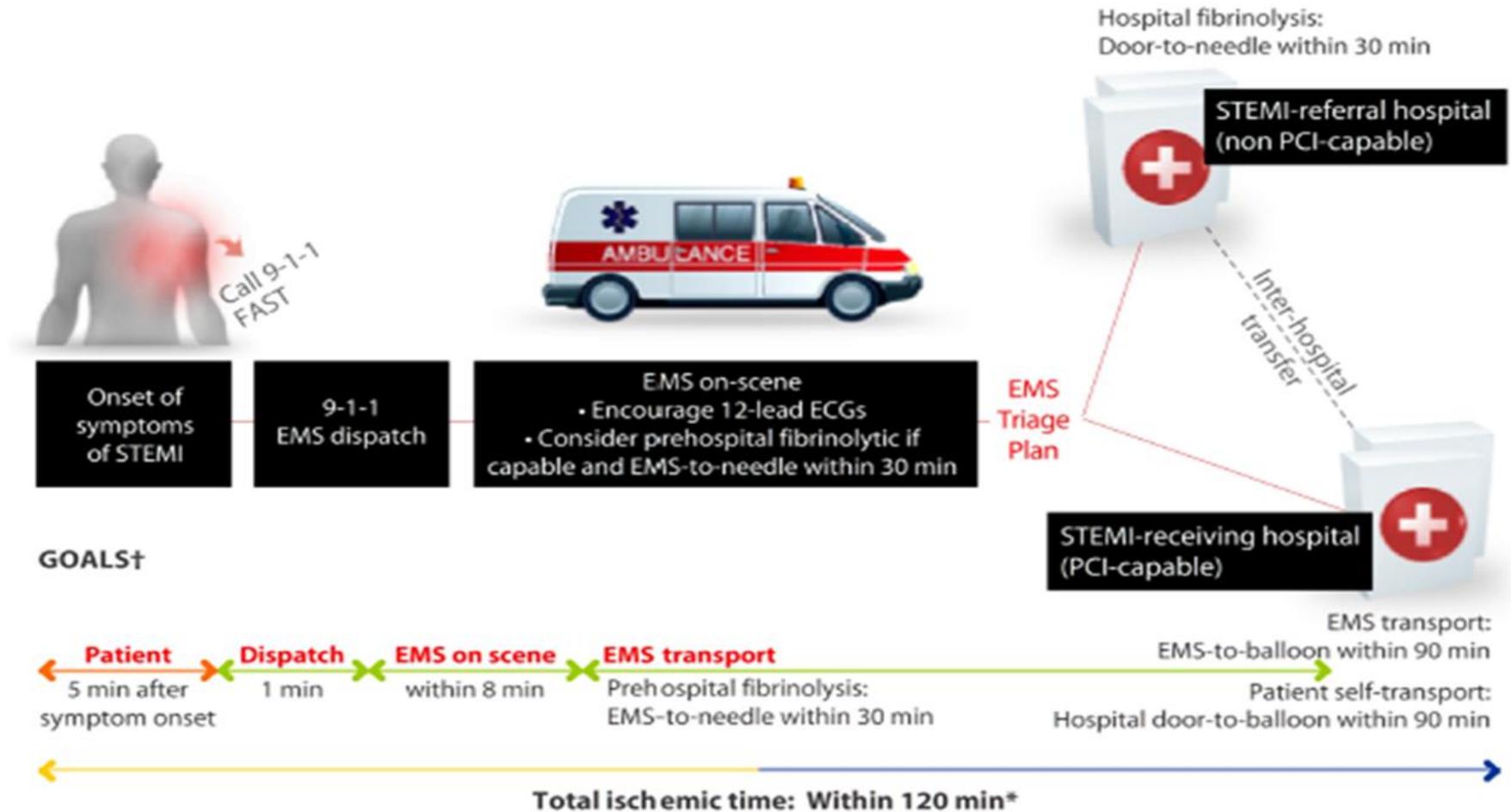
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**MISSION:  
LIFELINE** 

# Mission: Lifeline System of Care



\* Golden Hour = First 60 minutes

# Iowa Mission: Lifeline Grant

- \* Grant period: January 2015-January 2018
- \* \$5.4 Million infused directly into Iowa
  - \* Rural focus initially
  - \* Expanded to offer dollars to urban areas in 2017
- \* Sustainability Funding
  - \* \$192,466 in sustainability funding to IDPH
    - \* Sub-granted to the 12 EMS service area coalitions in conjunction with Bureau of Emergency and Trauma Services (BETS) All Hazard Emergency Preparedness and Response System Development Grant
    - \* \$6,000 to Mercy College of Health Sciences – to provide 15 training sessions in 2018
- \* Ongoing regional STEMI meetings
- \* Ongoing STEMI/Stroke conferences – most recently 9/19/2018 in 3 locations across Iowa and Nebraska
- \* Future advocacy – Designation?

# 109 Mission: Lifeline EMS Grants



# Hospital Grants

- \* 16 PCI capable and 40 critical access hospitals accepted grants for EKG transmission software
  - \* Transmission rate of EKGs has almost tripled from beginning of grant period to present day
- \* Dollars were available to all rural PCI centers during the grant period to collect MI data
- \* Dollars expanded to urban PCI centers in late 2017
- \* Grant helped bring on 20 Iowa hospitals to participate in Mission: Lifeline data collection tool: GWTG - CAD

# The KEYS to any system of care

- \* Identification and notification prior to arrival
- \* Activation of downstream care teams
- \* Practice and drill
- \* Education
- \* Plan and discuss as a team before – not at the time of the call
- \* Have a Plan A, Plan B, Plan C...
- \* Guidelines – use and educate the next generation
- \* **Outreach**
- \* **FEEDBACK!**



# But...

Can't do any of these things without data!

- \* Feedback
- \* Measures
- \* Benchmarks
- \* Comparisons
- \* Planning

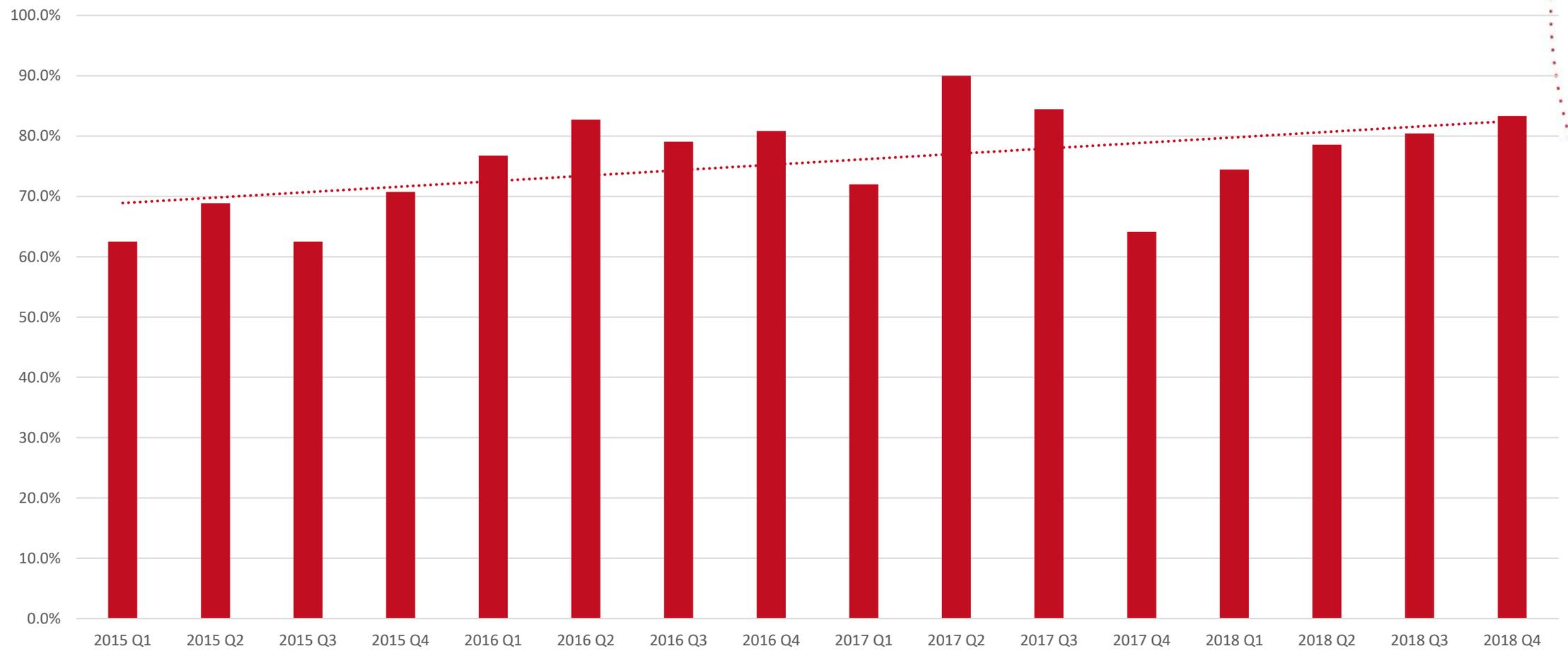
# Data Collection and Reporting

## Get with the Guidelines Coronary Artery Disease (GWTG-CAD)

- \* Launched April 2017
- \* Nearly 800 hospitals participating nationally (as of January 2021)
- \* Real-time reporting = regular feedback
- \* Only way to participate in Mission: Lifeline
- \* 17 PCI centers + 5 CAHs participating in Iowa (as of January 2021)

**BEFORE THE DOOR**

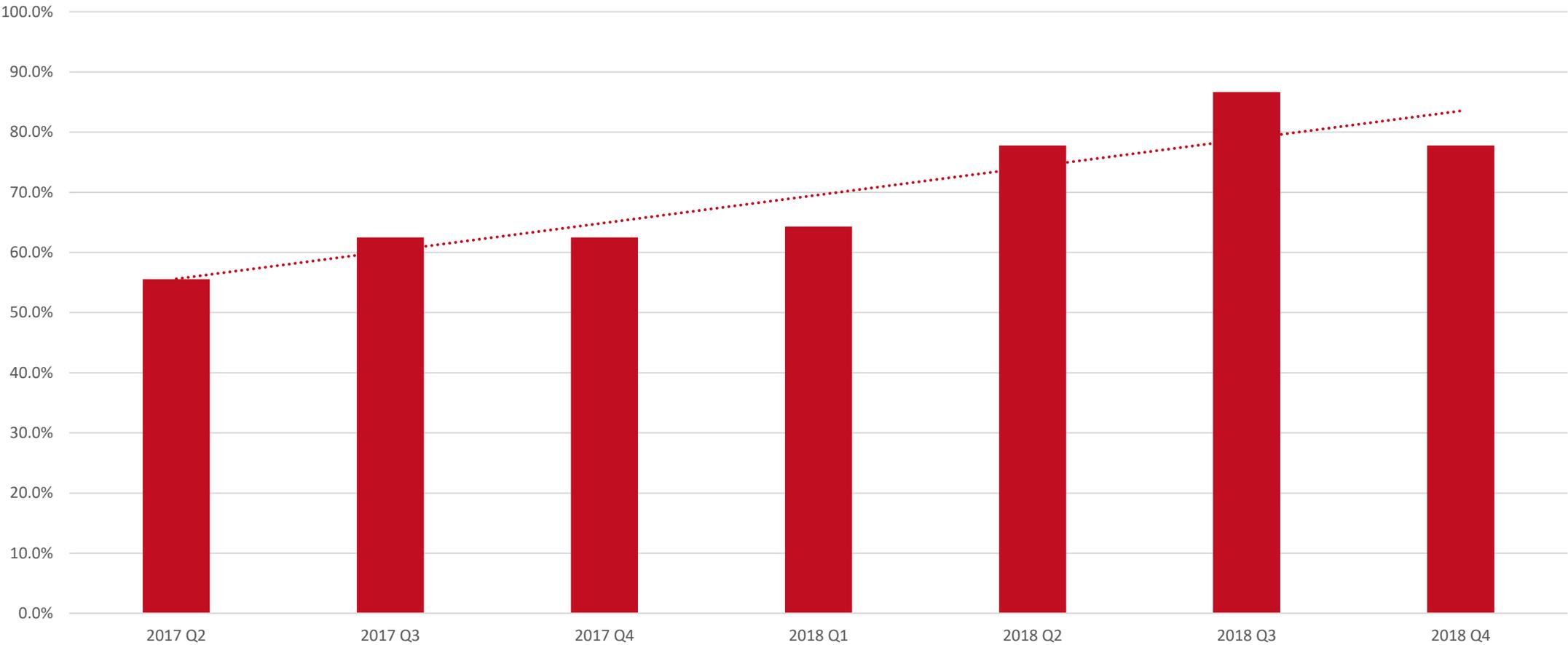
# Iowa Mission: Lifeline STEMI EMS First Medical Contact to Primary PCI $\leq 90$ Minutes



Grant period: Q1 2015 - Q4 2017



# Iowa Mission: Lifeline STEMI Pre-Hospital Cath Lab Activation



Grant period: Q1 2015 - Q4 2017

This data was not collected in Action Registry – Collection began with commencement of utilization of Get with the Guidelines® - CAD

