

MISSION: LIFELINE®

Prepared by:  Duke Clinical Research Institute
DUKE UNIVERSITY MEDICAL CENTER

Receiving Center Report Glossary



STEMI Composite and Individual Metric Adherence (page 1)		
Variable	Definition	Inclusion/Exclusion Criteria
Overall Mission Lifeline® STEMI Composite Score	<ul style="list-style-type: none"> Performance on 8 Achievement measures where eligible 	<ul style="list-style-type: none"> Entire STEMI population.
Arrival to Primary PCI ≤ 90 minutes	<ul style="list-style-type: none"> All STEMI admissions who received a primary PCI within 90 minutes from arrival at the Receiving Center For admissions with STEMI diagnosed on subsequent ECG, arrival date/time is set to 0 and Arrival to Primary PCI is set to Subsequent ECG time to Primary PCI. 	<ul style="list-style-type: none"> Inclusion: All STEMI admissions where PCI is the primary reperfusion strategy AND arrival time and first device activation time are not missing, are not negative, and are not > 12 hours Exclusions: Age < 18, transfers in, thrombolytics administered prior to PCI, non-primary PCI, patients who did not receive primary PCI within 90 minutes AND had a documented non-system reason for delay
EMS First Medical Contact to Primary PCI ≤ 90 minutes	<ul style="list-style-type: none"> All STEMI admissions who received a primary PCI within 90 minutes from EMS first medical contact prior to arrival at the Receiving Center 	<ul style="list-style-type: none"> Inclusion: All STEMI admissions arriving via ambulance where PCI is the primary reperfusion strategy AND first medical contact time and first device activation time are not missing, are not negative, and are not > 12 hours Exclusions: Age < 18, transfers in, STEMI diagnosed on subsequent ECG, thrombolytics administered prior to PCI, non-primary PCI, patients who did not receive primary PCI within 90 minutes AND had documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI.
Aspirin at Arrival	<ul style="list-style-type: none"> All STEMI admissions who received aspirin within 24 hours before or after first medical contact (if arriving via EMS Air, or Mobile ICU), or 24 hours before or after arrival (if arriving via POV). 	<ul style="list-style-type: none"> Inclusion: Entire STEMI population Exclusions: Age < 18, patients who received warfarin, dabigatran, rivaroxaban, or apixaban at home, transfers in, transfers out, patients discharged on day of or day after arrival, discharged on comfort measures, discharged AMA, died on day of or day after arrival, contraindicated to aspirin
Aspirin at Discharge	<ul style="list-style-type: none"> All STEMI admissions prescribed aspirin at hospital discharge 	<ul style="list-style-type: none"> Inclusion: Entire STEMI population Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, prescribed warfarin, dabigatran, rivaroxaban, or apixaban at discharge, contraindicated to aspirin
Beta Blocker at Discharge	<ul style="list-style-type: none"> All STEMI admissions prescribed beta blocker at hospital discharge 	<ul style="list-style-type: none"> Inclusion: Entire STEMI population Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, contraindicated to beta blocker
Statin at Discharge	<ul style="list-style-type: none"> All STEMI admissions prescribed statin at hospital discharge 	<ul style="list-style-type: none"> Inclusion: Entire STEMI population Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, contraindicated to statin, LDL<100 mg/dL and not discharged on a statin
ACE-Inhibitor or Angiotensin Receptor Blocker (ARB) for LVSD at Discharge	<ul style="list-style-type: none"> All STEMI admissions with EF < 40% or with moderate or severe LVSD who are prescribed an ACE-I or ARB at hospital discharge 	<ul style="list-style-type: none"> Inclusion: All STEMI admissions with EF<40% or moderate or severe systolic dysfunction Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, contraindicated to both ACE-I and ARB
Adult Smoking Cessation Advice	<ul style="list-style-type: none"> All cigarette smokers who receive smoking cessation counseling or advice during the hospital stay. 	<ul style="list-style-type: none"> Inclusion: All STEMI admissions who have smoked within the past year prior to hospital arrival (Current/Recent Smoker (< 1 year)=Yes) Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA

EMS = Ambulance only, does not include Air transport
POV = Personally Operated Vehicle (i.e., self/family transport)
FMC = First Medical Contact

Additional STEMI Metric: Plus Measure (page 2)

Variable	Definition	Inclusion/Exclusion Criteria
<p>Arrival at First Facility to Primary PCI ≤ 120 minutes</p>	<ul style="list-style-type: none"> ▪ All STEMI admissions who received a primary PCI within 120 minutes from arrival at the first facility ▪ For admissions with STEMI diagnosed on subsequent ECG, arrival date/time is set to 0 and Arrival at First Facility to Primary PCI is set to Subsequent ECG time to Primary PCI. 	<ul style="list-style-type: none"> ▪ Inclusion: All transfer-in STEMI admissions where PCI is the primary reperfusion strategy AND arrival at first facility time and first device activation time are not missing, are not negative, and are not > 12 hours ▪ Exclusions: Age < 18, thrombolytics administered prior to PCI, non-primary PCI, patients who did not receive primary PCI within 120 minutes AND had a documented non-system reason for delay in PCI
<p>Arrival at First Facility to Primary PCI (All Arrival Modes)</p>	<ul style="list-style-type: none"> ▪ Transferred from Outside Facility = Yes ▪ [(First Device Activation date/time) - (Arrival date/time) - (Transfer from Outside Facility date/time) - (Arrival at Outside Facility date/time)] 	<ul style="list-style-type: none"> ▪ Entire transfer-in STEMI population, excluding patients with STEMI diagnosed on subsequent ECG, thrombolytics prior to transfer, non-primary PCI, documented non-system reason for delay in PCI, and arrival at first facility to PCI > 12 hours. ▪ Includes all arrival modes. ▪ Patients may have missing or negative values for specific time intervals, which excludes them from ONLY the affected intervals. All other intervals with valid date/time data are included in the graph.

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Critical Process Timelines: Non-Transfer In Patients (pages 3-4)		
Variable	Definition	Inclusion/Exclusion Criteria
Symptom Onset to Device Activation (Arrival by EMS, Pre-Hospital ECG)	<ul style="list-style-type: none"> ▪ Transferred from Outside Facility = No ▪ Means of Transport to First Facility = Ambulance ▪ First ECG Obtained = Pre-hospital ▪ [(First Device Activation date/time) - (Cath Lab Arrival date/time) - (ED Transfer Out date/time) - (Arrival date/time) - (First ECG date/time) - (EMS First Medical Contact date/time) - (Symptom Onset date/time)] 	<ul style="list-style-type: none"> ▪ Entire STEMI population first evaluated in ED, excluding patients with STEMI diagnosed on subsequent ECG, non-primary PCI, documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI, and arrival to PCI > 12 hours. ▪ Includes Ambulance transport only; Air transport is not included. ▪ Patients may have missing or negative values for specific time intervals, which excludes them from ONLY the affected intervals. All other intervals with valid date/time data are included in the graph.
Symptom Onset to Device Activation (Arrival by EMS, ECG After Arrival)	<ul style="list-style-type: none"> ▪ Transferred from Outside Facility = No ▪ Means of Transport to First Facility = Ambulance ▪ First ECG Obtained = After First Hospital Arrival ▪ [(First Device Activation date/time) - (Cath Lab Arrival date/time) - (ED Transfer Out date/time) - (First ECG date/time) - (Arrival date/time) - (EMS First Medical Contact date/time) - (Symptom Onset date/time)] 	<ul style="list-style-type: none"> ▪ Entire STEMI population first evaluated in ED, excluding patients with STEMI diagnosed on subsequent ECG, non-primary PCI, documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI, and arrival to PCI > 12 hours. ▪ Includes Ambulance transport only; Air transport is not included. ▪ Patients may have missing or negative values for specific time intervals, which excludes them from ONLY the affected intervals. All other intervals with valid date/time data are included in the graph.
Symptom Onset to Device Activation (Arrival by POV, ECG After Arrival)	<ul style="list-style-type: none"> ▪ Transferred from Outside Facility = No ▪ Means of Transport to First Facility = Self/Family ▪ First ECG Obtained = After First Hospital Arrival ▪ [(First Device Activation date/time) - (Cath Lab Arrival date/time) - (ED Transfer Out date/time) - (First ECG date/time) - (Arrival date/time) - (Symptom Onset date/time)] 	<ul style="list-style-type: none"> ▪ Entire STEMI population first evaluated in ED, excluding patients with STEMI diagnosed on subsequent ECG, non-primary PCI, documented non-system reason for delay in PCI, and arrival to PCI > 12 hours. ▪ Patients may have missing or negative values for specific time intervals, which excludes them from ONLY the affected intervals. All other intervals with valid date/time data are included in the graph.

EMS = Ambulance only, does not include Air transport
POV = Personally Operated Vehicle (i.e., self/family transport)
FMC = First Medical Contact

Critical Process Timelines: Transfer In Patients (page 5)

Variable	Definition	Inclusion/Exclusion Criteria
Symptom Onset to Device Activation (Arrival by EMS, Pre-Hospital ECG)	<ul style="list-style-type: none"> ▪ Transferred from Outside Facility = Yes ▪ Means of Transport for First Facility = Ambulance ▪ First ECG Obtained = Pre-hospital ▪ [(First Device Activation date/time) - (Cath Lab Arrival date/time) - (Arrival date/time) - (Transfer from Outside Facility date/time) - (Arrival at Outside Facility date/time) - (First ECG date/time) - (EMS First Medical Contact date/time) - (Symptom Onset date/time)] 	<ul style="list-style-type: none"> ▪ Entire STEMI population, excluding patients with STEMI diagnosed on subsequent ECG, thrombolytics prior to transfer, non-primary PCI, documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI, and arrival to PCI > 12 hours. ▪ Includes Ambulance transport only; Air transport is not included. ▪ Patients may have missing or negative values for specific time intervals, which excludes them from ONLY the affected intervals. All other intervals with valid date/time data are included in the graph.
Symptom Onset to Device Activation (Arrival by POV, ECG After Arrival)	<ul style="list-style-type: none"> ▪ Transferred from Outside Facility = Yes ▪ Means of Transport to First Facility = Self/Family ▪ First ECG Obtained = After First Hospital Arrival ▪ [(First Device Activation date/time) - (Cath Lab Arrival date/time) - (Arrival date/time) - (Transfer from Outside Facility date/time) - (First ECG date/time) - (Arrival at Outside Facility date/time) - (Symptom Onset date/time)] 	<ul style="list-style-type: none"> ▪ Entire STEMI population, excluding patients with STEMI diagnosed on subsequent ECG, thrombolytics prior to transfer, non-primary PCI, documented non-system reason for delay in PCI, and arrival to PCI > 12 hours. ▪ Patients may have missing or negative values for specific time intervals, which excludes them from ONLY the affected intervals. All other intervals with valid date/time data are included in the graph.

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 1: Patient Demographics and Diagnosis (page 6)

Variable	Definition	Inclusion/Exclusion Criteria
Number of Records	<ul style="list-style-type: none"> ▪ Number of STEMI discharges in the last quarter and last 12 months at the receiving hospital ▪ Number of STEMI discharges in the last 12 months among Mission: Lifeline receiving hospitals in the site's state, and in all of Mission: Lifeline 	<ul style="list-style-type: none"> ▪ Entire STEMI population
Patient Demographics		
<ul style="list-style-type: none"> ▪ Age 	<ul style="list-style-type: none"> ▪ Age in median years ▪ % 75+ years old 	<ul style="list-style-type: none"> ▪ Entire STEMI population
<ul style="list-style-type: none"> ▪ Gender 	<ul style="list-style-type: none"> ▪ % Male ▪ % Males 75+ years old ▪ % Female ▪ % Females 75+ years old 	<ul style="list-style-type: none"> ▪ Entire STEMI population; age subset includes all admissions with a recorded gender and age.
<ul style="list-style-type: none"> ▪ Race 	<ul style="list-style-type: none"> ▪ % White ▪ % Black or African American ▪ % American Indian or Alaska Native ▪ % % Native Hawaiian/Pacific Islander ▪ % Asian ▪ Note: More than one option may be chosen per patient 	<ul style="list-style-type: none"> ▪ Entire STEMI population
<ul style="list-style-type: none"> ▪ Hispanic Ethnicity 	<ul style="list-style-type: none"> ▪ % Yes for Hispanic Ethnicity 	<ul style="list-style-type: none"> ▪ Entire STEMI population
<ul style="list-style-type: none"> ▪ Insurance status 	<ul style="list-style-type: none"> ▪ % HMO/Private ▪ % Medicare ▪ % Medicaid ▪ % Military/ VAMC ▪ % Other ▪ % Self/None ▪ Note: More than one option may be chosen per patient. 	<ul style="list-style-type: none"> ▪ Entire STEMI population
Diagnosis		
<ul style="list-style-type: none"> ▪ First ECG Obtained Pre-Hospital 	<ul style="list-style-type: none"> ▪ % Pre-hospital ECG 	<ul style="list-style-type: none"> ▪ Entire STEMI population, excluding patients not arriving via EMS ▪ Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> ▪ STEMI Noted on first ECG 	<ul style="list-style-type: none"> ▪ % STEMI or STEMI equivalent first noted on First ECG 	<ul style="list-style-type: none"> ▪ Entire STEMI population

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 2: Medical History, Comorbid Illness, and Presentation (page 7)

Variable	Definition	Inclusion/Exclusion Criteria
History and Risk Factors		
▪ Hypertension	▪ % Hypertension = Yes	▪ Entire STEMI population
▪ Diabetes mellitus, overall	▪ % Diabetes mellitus = Yes	▪ Entire STEMI population
▪ Peripheral Arterial Disease	▪ % Peripheral arterial disease = Yes	▪ Entire STEMI population
▪ Cerebrovascular disease	▪ % Cerebrovascular disease = Yes	▪ Entire STEMI population
▪ Prior Stroke	▪ % Prior Stroke = Yes	▪ Entire STEMI population
▪ Current Dialysis	▪ % Current Dialysis = Yes	▪ Entire STEMI population
▪ Current/recent smoker	▪ % Current/recent smoker = Yes	▪ Entire STEMI population
▪ Obesity (BMI ≥ 30)	▪ % STEMI admissions with body mass index (BMI) ≥30 ▪ BMI = weight (kilograms [kg])/height ² (meters ²)	▪ All STEMI admissions with a recorded height and weight.
Symptoms at Presentation		
▪ Heart Failure, any	▪ % Heart Failure = Yes	▪ Entire STEMI population
▪ Cardiogenic Shock	▪ % Cardiogenic Shock = Yes	▪ Entire STEMI population
▪ Tachycardia	▪ % Heart Rate > 100 bpm	▪ Entire STEMI population
▪ Hypotension	▪ % Systolic BP ≤ 90 mmHg	▪ Entire STEMI population
Location of First Evaluation		
▪ Emergency Department	▪ % Emergency Department	▪ Entire STEMI population
▪ Cath Lab	▪ % Cath Lab	▪ Entire STEMI population
▪ Other	▪ % Other	▪ Entire STEMI population
Transfer Status		
▪ Transfers in	▪ % of admissions transferred to your facility within 24 hours of first hospital arrival	▪ Entire STEMI population
▪ Transfers out	▪ % of admissions transferred from your facility anytime during admission	▪ Entire STEMI population
Arrival Mode (Non-Transfers In)		
▪ EMS	▪ % Ambulance = Yes	▪ Entire STEMI population, excluding transfers-in
▪ POV	▪ % Self/family = Yes	▪ Entire STEMI population, excluding transfers-in
▪ Air	▪ % Air = Yes	▪ Entire STEMI population, excluding transfers-in
Means of Transfer (Transfers In)		
▪ EMS	▪ % Ambulance = Yes	▪ Entire transfer-in STEMI population
▪ Air	▪ % Air = Yes	▪ Entire transfer-in STEMI population

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 3: Pre-hospital Care (page 8)

Variable	Definition	Inclusion/Exclusion Criteria
Median Time from Symptom Onset		
<ul style="list-style-type: none"> To Dispatch 	<ul style="list-style-type: none"> Median time in minutes [(dispatch date/time) - (symptom onset date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS AND have a reported date/time of symptom onset <u>before</u> first medical contact, excluding transfers in and patients with documented first medical contact by non-EMS personnel. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> To EMS First Medical Contact 	<ul style="list-style-type: none"> Median time in minutes [(EMS first medical contact date/time) - (symptom onset date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS AND have a reported date/time of symptom onset <u>before</u> first medical contact, excluding transfers in and patients with documented first medical contact by non-EMS personnel. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> To Arrival Via POV 	<ul style="list-style-type: none"> Median time in minutes [(arrival date/time) - (symptom onset date/time)] Means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> All STEMI admissions who arrived via POV AND have a reported date/time of symptom onset <u>before</u> arrival, excluding transfers in.
<ul style="list-style-type: none"> Median Time from Dispatch to EMS First Medical Contact 	<ul style="list-style-type: none"> Median time in minutes [(EMS first medical contact date/time) - (dispatch date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS, have a reported date/time of dispatch <u>before</u> EMS first medical contact, excluding transfers in, patients with documented first medical contact by non-EMS personnel, and patients with dispatch to EMS FMC > 12 hours. Includes Ambulance transport only; Air transport is not included.
Median Time from EMS First Medical Contact		
<ul style="list-style-type: none"> To First Pre-Hospital ECG 	<ul style="list-style-type: none"> Median time in minutes [(pre-hospital ECG date/time) - (EMS first medical contact date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS, have first ECG pre-hospital AND have a reported date/time of EMS first medical contact <u>before</u> ECG measurement, excluding transfers in, patients with documented first medical contact by non-EMS personnel, and patients with EMS FMC to ECG > 12 hours. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> To Scene Departure 	<ul style="list-style-type: none"> Median time in minutes [(scene departure date/time) - (EMS first medical contact date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS, have a reported date/time of EMS first medical contact <u>before</u> scene departure, excluding transfers in, patients with documented first medical contact by non-EMS personnel, and patients with EMS FMC to scene departure > 12 hours. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> To Hospital Activation 	<ul style="list-style-type: none"> Median time in minutes [(hospital activation date/time) - (EMS first medical contact date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS, have a reported date/time of EMS first medical contact <u>before</u> hospital activation, excluding transfers in, patients with documented first medical contact by non-EMS personnel, and patients with EMS FMC to hospital activation > 12 hours. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> To ED Arrival 	<ul style="list-style-type: none"> Median time in minutes [(ED arrival date/time) - (EMS first medical contact date/time)] Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> All STEMI admissions who arrived via EMS, were first evaluated in the ED, AND have a reported date/time of EMS first medical contact <u>before</u> arrival, excluding transfers in, patients with documented first medical contact by non-EMS personnel, and patients with EMS FMC to ED arrival > 12 hours. Includes Ambulance transport only; Air transport is not included.

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 3: Pre-hospital Care, cont'd (page 8)

Variable	Definition	Inclusion/Exclusion Criteria
Median Length of Stay at Referring Facility	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(transfer from outside facility date/time) - (arrival at outside facility date/time)] ▪ Transferred from outside facility = Yes 	<ul style="list-style-type: none"> ▪ All STEMI admissions who were transferred in and have a reported date/time of transfer from outside facility after arrival at outside facility, excluding patients with length of stay at outside facility > 12 hours.
Median Time from Transfer Out from Referring Facility to Arrival at PCI Facility	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(arrival date/time) - (transfer out from referring facility date/time)] ▪ Transferred from outside facility = Yes 	<ul style="list-style-type: none"> ▪ All STEMI admissions who were transferred in and have a reported date/time of arrival after transfer from outside facility, excluding patients with transfer-out time to arrival > 12 hours.
EMS Non-System Reason for Delay	<ul style="list-style-type: none"> ▪ % Non-system reason for delay (seq.#3108) = Yes where Means of Transport to First Facility = Ambulance 	<ul style="list-style-type: none"> ▪ Entire STEMI population, excluding transfers-in
Non-System Reason for Delay in First ECG	<ul style="list-style-type: none"> ▪ % Non-system reason for delay in ECG (seq.#4022) = Yes 	<ul style="list-style-type: none"> ▪ Entire STEMI population, excluding transfers-in

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 4: Acute Care (page 9)		
Variable	Definition	Inclusion/Exclusion Criteria
ED Arrival to First In-Hospital ECG		
<ul style="list-style-type: none"> ▪ Median time <ul style="list-style-type: none"> ▪ % within 10 minutes 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(date/time of 1st ECG) - (ED arrival date/time)] ▪ % Subset of admissions with median time ≤ 10 minutes 	<ul style="list-style-type: none"> ▪ All STEMI admissions who were first evaluated in the ED AND have a reported date/time of ECG <u>after</u> arrival, excluding transfers in and patients with ED arrival to first ECG > 12 hours.
<ul style="list-style-type: none"> ▪ Arrived at first facility by EMS <ul style="list-style-type: none"> ▪ % within 10 minutes 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(date/time of 1st ECG) - (ED arrival date/time)] ▪ Means of transport to first facility = Ambulance ▪ % Subset of admissions with median time ≤ 10 minutes 	<ul style="list-style-type: none"> ▪ All STEMI admissions arriving via EMS who were first evaluated in the ED AND have a reported date/time of ECG <u>after</u> arrival, excluding transfers in and patients with ED arrival to first ECG > 12 hours. ▪ Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> ▪ Arrived at first facility by POV <ul style="list-style-type: none"> ▪ % within 10 minutes 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(date/time of 1st ECG) - (ED arrival date/time)] ▪ Means of transport to first facility = Self/Family ▪ % Subset of admissions with median time ≤ 10 minutes 	<ul style="list-style-type: none"> ▪ All STEMI admissions arriving via POV who were first evaluated in the ED AND have a reported date/time of ECG <u>after</u> arrival, excluding transfers in and patients with ED arrival to first ECG > 12 hours.
Median Length of Stay in ED		
<ul style="list-style-type: none"> ▪ Overall 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(ED transfer out date/time) - (ED arrival date/time)] 	<ul style="list-style-type: none"> ▪ All STEMI admissions who were first evaluated in the ED AND have a reported date/time of ED transfer out <u>after</u> ED arrival, excluding transfers in and patients with ED length of stay > 12 hours.
<ul style="list-style-type: none"> ▪ Arrived at first facility by EMS 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(ED transfer out date/time) - (ED arrival date/time)] ▪ Means of transport to first facility = Ambulance 	<ul style="list-style-type: none"> ▪ All STEMI admissions arriving via EMS who were first evaluated in the ED AND have a reported date/time of ED transfer out <u>after</u> ED arrival, excluding transfers in and patients with ED length of stay > 12 hours. ▪ Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> ▪ Arrived at first facility by POV 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(ED transfer out date/time) - (ED arrival date/time)] ▪ Means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> ▪ All STEMI admissions arriving via POV who were first evaluated in the ED AND have a reported date/time of ED transfer out <u>after</u> ED arrival, excluding transfers in and patients with ED length of stay > 12 hours.
<ul style="list-style-type: none"> ▪ Median Time from ED Departure to Cath Lab Arrival (mins) 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(cath lab arrival date/time) - (ED departure date/time)] 	<ul style="list-style-type: none"> ▪ All STEMI admissions who have a reported cath lab arrival date/time <u>after</u> ED departure arrival date/time, excluding transfers in and patients with ED departure to cath lab arrival time > 12 hours
<ul style="list-style-type: none"> ▪ Aspirin at Arrival, % 	<ul style="list-style-type: none"> ▪ All STEMI admissions who received aspirin within 24 hours before or after first medical contact (if arriving via EMS or Air), or 24 hours before or after arrival (if arriving via POV). 	<ul style="list-style-type: none"> ▪ Entire STEMI population, excluding patients who received warfarin, dabigatran, rivaroxaban, or apixaban at home; or who were transferred in, transferred out, discharged on day of or day after arrival, discharged on comfort measures, discharged AMA, died on day of or day after arrival, or contraindicated to aspirin
Missing Pre-Hospital and Acute Care Data		
<ul style="list-style-type: none"> ▪ Symptom onset date/time 	<ul style="list-style-type: none"> ▪ % missing for symptom onset date/time 	<ul style="list-style-type: none"> ▪ Entire STEMI population
<ul style="list-style-type: none"> ▪ Dispatch date/time 	<ul style="list-style-type: none"> ▪ % missing for dispatch date/time 	<ul style="list-style-type: none"> ▪ All STEMI admissions who arrived via EMS, excluding transfers in ▪ Includes Ambulance transport only; Air transport is not included.

EMS = Ambulance only, does not include Air transport
POV = Personally Operated Vehicle (i.e., self/family transport)
FMC = First Medical Contact

Table 4: Acute Care, cont'd (page 9)

Variable	Definition	Inclusion/Exclusion Criteria
▪ EMS first medical contact date/time	▪ % missing for EMS first medical contact date/time	<ul style="list-style-type: none"> ▪ All STEMI admissions who arrived via EMS, excluding transfers in ▪ Includes Ambulance transport only; Air transport is not included.
▪ Pre-hospital ECG date/time	▪ % missing for first ECG date/time, when pre-hospital ECG = Yes	<ul style="list-style-type: none"> ▪ All STEMI admissions who arrived via EMS and had a pre-hospital ECG, excluding transfers in ▪ Includes Ambulance transport only; Air transport is not included.
▪ Scene departure date/time	▪ % missing for scene departure date/time	<ul style="list-style-type: none"> ▪ All STEMI admissions who arrived via EMS, excluding transfers in ▪ Includes Ambulance transport only; Air transport is not included.
▪ Cath lab activation date/time	▪ % missing for cath lab activation date/time	<ul style="list-style-type: none"> ▪ All STEMI admissions who arrived via EMS, excluding transfers in ▪ Includes Ambulance transport only; Air transport is not included.
▪ Agency identification	▪ % missing for EMS agency number	<ul style="list-style-type: none"> ▪ All STEMI admissions who arrived via EMS, excluding transfers in ▪ Includes Ambulance transport only; Air transport is not included.
▪ Transfer from outside facility date/time	▪ % missing for transfer from outside facility date/time, when transferred from outside facility = Yes	<ul style="list-style-type: none"> ▪ All STEMI admissions, among transfers in

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 5: Primary PCI (page 10)

Variable	Definition	Inclusion/Exclusion Criteria
Median Time from Cath Lab Arrival to First Device Activation	<ul style="list-style-type: none"> [(first device activation date/time) - (cath lab arrival date/time)] PCI = Yes 	<ul style="list-style-type: none"> All STEMI admissions indicated for immediate primary PCI who have a reported device activation time <u>after</u> cath lab arrival, excluding patients with non-primary PCI, thrombolytics administered prior to PCI, documented non-system reason for delay in PCI, and arrival at first hospital to device activation > 12 hours.
Median Time from EMS First Medical Contact to Primary PCI (mins)		
<ul style="list-style-type: none"> Overall 	<ul style="list-style-type: none"> Median time in minutes [(first device activation date/time) - (first medical contact date/time)] Means of transport to first facility = Ambulance Immediate, primary PCI indicated % within 90 minutes 	<ul style="list-style-type: none"> All STEMI admissions indicated for immediate primary PCI who arrived via EMS, had STEMI diagnosed on first ECG, and have a reported first device activation date/time <u>after</u> first medical contact, excluding patients with non-primary PCI, thrombolytics administered prior to PCI, documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI, and arrival at first hospital to PCI time > 12 hours. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> Non-transfer-In <ul style="list-style-type: none"> % within 60 minutes % within 90 minutes 	<ul style="list-style-type: none"> Median time in minutes [(first device activation date/time) - (first medical contact date/time)] Means of transport to first facility = Ambulance Immediate, primary PCI indicated % within 60 minutes % within 90 minutes 	<ul style="list-style-type: none"> All STEMI admissions indicated for immediate primary PCI who arrived via EMS, had STEMI diagnosed on first ECG, and have a reported first device activation date/time <u>after</u> first medical contact, excluding transfers-in, patients with non-primary PCI, thrombolytics administered prior to PCI, documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI, and arrival to PCI time > 12 hours. Includes Ambulance transport only; Air transport is not included.
<ul style="list-style-type: none"> Transfer-In <ul style="list-style-type: none"> % within 90 minutes % within 120 minutes 	<ul style="list-style-type: none"> Median time in minutes [(first device activation date/time) - (first medical contact date/time)] Means of transport to first facility = Ambulance Immediate, primary PCI indicated % within 90 minutes % within 120 minutes 	<ul style="list-style-type: none"> All STEMI admissions indicated for immediate primary PCI who arrived via EMS to the first facility, had STEMI diagnosed on first ECG, were transferred in, and have a reported first device activation date/time <u>after</u> first medical contact, excluding patients with non-primary PCI, thrombolytics administered prior to PCI, documented first medical contact by non-EMS personnel, EMS non-system reason for delay, or non-system reason for delay in PCI, and arrival at first hospital to PCI time > 12 hours. Includes Ambulance transport only; Air transport is not included.
Median Time from Arrival to Primary PCI (mins)		
<ul style="list-style-type: none"> Non-transfer-In <ul style="list-style-type: none"> % within 60 minutes % within 90 minutes Arrived by EMS Arrived by POV 	<ul style="list-style-type: none"> Median time in minutes [(first device activation date/time) - (arrival date/time)] Immediate, primary PCI indicated % within 60 minutes % within 90 minutes [(first device activation date/time) - (arrival date/time)], when means of transport to first facility = Ambulance [(first device activation date/time) - (arrival date/time)], when means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> All STEMI admissions indicated for immediate primary PCI who had STEMI diagnosed on first ECG, and had a reported first device activation date/time <u>after</u> arrival, excluding transfers-in, patients administered thrombolytics prior to PCI, non-primary PCI, documented non-system reason for delay in PCI, and arrival to PCI time > 12 hours. Subsets presented among patients arriving via EMS or POV (does not include Air transport).

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 5: Primary PCI, cont'd (page 10)

Variable	Definition	Inclusion/Exclusion Criteria
<ul style="list-style-type: none"> ▪ Transfer-In, from Arrival at Referring Facility <ul style="list-style-type: none"> ▪ % within 90 minutes ▪ % within 120 minutes ▪ Arrived at referring facility by EMS <ul style="list-style-type: none"> ○ % within 90 minutes ○ % within 60 minutes ▪ Arrived at referring facility by POV 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(first device activation date/time) – (arrival at outside facility date/time)] <ul style="list-style-type: none"> ○ Immediate, primary PCI indicated ○ % within 90 minutes ○ % within 120 minutes ▪ [(first device activation date/time) – (arrival at outside facility date/time)], when means of transport to first facility = Ambulance <ul style="list-style-type: none"> ○ % within 90 minutes ○ % within 60 minutes ▪ [(first device activation date/time) – (arrival at outside facility date/time)], when means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> ▪ All STEMI admissions indicated for immediate primary PCI who were transferred in, had STEMI diagnosed on first ECG, and had a reported first device activation date/time <u>after</u> arrival at the first facility, excluding patients administered thrombolytics prior to PCI, non-primary PCI, documented non-system reason for delay in PCI, and arrival at first facility to PCI time > 12 hours. ▪ Subsets presented among patients arriving via EMS or POV (does not include Air transport).
<ul style="list-style-type: none"> ▪ Transfer-In, from Arrival at Receiving Facility <ul style="list-style-type: none"> ▪ % within 90 minutes ▪ % within 30 minutes 	<ul style="list-style-type: none"> ▪ Median time in minutes ▪ [(first device activation date/time) - (arrival date/time)] <ul style="list-style-type: none"> ○ Immediate, primary PCI indicated ▪ % within 90 minutes ▪ % within 30 minutes 	<ul style="list-style-type: none"> ▪ All STEMI admissions indicated for immediate primary PCI who were transferred in, had STEMI diagnosed on first ECG, and had a reported first device activation date/time <u>after</u> arrival at the receiving facility, excluding patients administered thrombolytics prior to PCI, non-primary PCI, documented non-system reason for delay in PCI, and arrival at first facility to PCI time > 12 hours

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 6: Reperfusion (page 11)

Variable	Definition	Inclusion/Exclusion Criteria
Reperfusion (among eligible patients)	<ul style="list-style-type: none"> ▪ % Reperfusion (Thrombolytics = Yes or Immediate, primary PCI indicated) 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates, excluding patients discharged on comfort measures only or discharged AMA.
Among Patients Receiving Reperfusion		
<ul style="list-style-type: none"> ▪ Fibrinolytics 	<ul style="list-style-type: none"> ▪ % Thrombolytics = Yes 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates receiving reperfusion, excluding patients discharged on comfort measures only or discharged AMA.
<ul style="list-style-type: none"> ▪ Transfer-In ▪ Arrived at referring facility by EMS ▪ Arrived at referring facility by POV 	<ul style="list-style-type: none"> ▪ % Thrombolytics = Yes ▪ Transferred from outside facility = Yes ▪ % Thrombolytics = Yes when means of transport to first facility = Ambulance ▪ % Thrombolytics = Yes when means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates who were transferred in and received reperfusion, excluding patients discharged on comfort measures only or discharged AMA. ▪ Subsets presented among arrival via EMS or POV (does not include Air transport).
<ul style="list-style-type: none"> ▪ Non-Transfer-In ▪ Arrived by EMS ▪ Arrived by POV 	<ul style="list-style-type: none"> ▪ % Thrombolytics = Yes ▪ Transferred from outside facility = No ▪ % Thrombolytics = Yes when means of transport = Ambulance ▪ % Thrombolytics = Yes when means of transport = Self/Family 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates receiving reperfusion, excluding transfers in and patients discharged on comfort measures only or discharged AMA. ▪ Subsets presented among arrival via EMS or POV (does not include Air transport).
<ul style="list-style-type: none"> ▪ Primary PCI 	<ul style="list-style-type: none"> ▪ % Immediate, primary PCI indicated 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates receiving reperfusion, excluding patients discharged on comfort measures only or discharged AMA.
<ul style="list-style-type: none"> ▪ Transfer-In ▪ Arrived at referring facility by EMS ▪ Arrived at referring facility by POV 	<ul style="list-style-type: none"> ▪ % Immediate, primary PCI indicated ▪ Transferred from outside facility = Yes ▪ % Immediate, primary PCI indicated when means of transport to first facility = Ambulance ▪ % Immediate, primary PCI indicated when means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates who were transferred in and received reperfusion, excluding patients discharged on comfort measures only or discharged AMA. ▪ Subsets presented among arrival via EMS or POV (does not include Air transport).
<ul style="list-style-type: none"> ▪ Non-Transfer-In ▪ Arrived by EMS <ul style="list-style-type: none"> ▪ With pre-hospital cath lab activation ▪ Arrived by POV 	<ul style="list-style-type: none"> ▪ % Immediate, primary PCI indicated ▪ Transferred from outside facility = No ▪ % Immediate, primary PCI indicated when means of transport to first facility = Ambulance <ul style="list-style-type: none"> ○ % Immediate, primary PCI indicated when means of transport to first facility = Ambulance and pre-hospital cath lab activation date/time is not missing ▪ % Immediate, primary PCI indicated when means of transport to first facility = Self/Family 	<ul style="list-style-type: none"> ▪ STEMI reperfusion candidates receiving reperfusion, excluding transfers in and patients discharged on comfort measures only or discharged AMA. ▪ Subsets presented among arrival via EMS or POV (does not include Air transport)

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 6: Reperfusion , cont'd (page 11)

Variable	Definition	Inclusion/Exclusion Criteria
Non-System Reason for Delay in Primary PCI		
▪ Difficult Vascular Access	▪ % Non-system reason for delay in Primary PCI = Difficult vascular access	▪ Entire STEMI population with immediate, primary PCI indicated
▪ Cardiac arrest or need for intubation	▪ % Non-system reason for delay in Primary PCI = Cardiac arrest or need for intubation	▪ Entire STEMI population with immediate, primary PCI indicated
▪ Patient delay in providing consent	▪ % Non-system reason for delay in Primary PCI = Patient delay in providing consent	▪ Entire STEMI population with immediate, primary PCI indicated
▪ Difficulty in crossing culprit lesion	▪ % Non-system reason for delay in Primary PCI = Difficulty in crossing culprit lesion	▪ Entire STEMI population with immediate, primary PCI indicated
▪ Other	▪ % Non-system reason for delay in Primary PCI = Other	▪ Entire STEMI population with immediate, primary PCI indicated
▪ None	▪ % Non-system reason for delay in Primary PCI = None	▪ Entire STEMI population with immediate, primary PCI indicated

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

Table 7: In-Hospital Patient Outcomes and Discharge Care (page 12)

Variable	Definition	Inclusion/Exclusion Criteria
<ul style="list-style-type: none"> In-hospital Mortality 	<ul style="list-style-type: none"> % Death = Yes Overall unadjusted, unadjusted excluding cardiogenic shock, and adjusted %, and associated 95% confidence intervals 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
In-hospital Clinical Events		
<ul style="list-style-type: none"> Post-admission infarction 	<ul style="list-style-type: none"> % Post-admission infarction = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> Cardiogenic shock 	<ul style="list-style-type: none"> % Cardiogenic shock = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> Heart Failure 	<ul style="list-style-type: none"> % Heart Failure = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> CVA/Stroke 	<ul style="list-style-type: none"> % CVA/Stroke = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> Hemorrhagic stroke 	<ul style="list-style-type: none"> % Hemorrhagic stroke = Yes where CVA/Stroke = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> Suspected Bleeding Event 	<ul style="list-style-type: none"> % Suspected bleeding event = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> RBC/Whole Blood Cell Transfusion 	<ul style="list-style-type: none"> % Any RBC transfusion = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out and CABG = Yes
<ul style="list-style-type: none"> Any of the Above Events 	<ul style="list-style-type: none"> Overall % of admissions experiencing at least one of the following in-hospital events: Death, post-admission infarction, cardiogenic shock, heart failure, CVA/stroke, suspected bleeding events, and/or RBC/whole blood transfusion 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out
<ul style="list-style-type: none"> Median Length of Stay (days) 	<ul style="list-style-type: none"> Median time in days 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers in and transfers out
Discharge Therapies		
<ul style="list-style-type: none"> Aspirin 	<ul style="list-style-type: none"> % Discharge aspirin = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, prescribed warfarin, dabigatran, rivaroxaban, or apixaban at discharge, contraindicated to aspirin
<ul style="list-style-type: none"> Beta blocker 	<ul style="list-style-type: none"> % Discharge beta blocker = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, contraindicated to beta blocker
<ul style="list-style-type: none"> Statin 	<ul style="list-style-type: none"> % Discharge statin = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, contraindicated to statin, LDL<100 mg/dL and not discharged on a statin
<ul style="list-style-type: none"> ACE-I or ARB for LVSD 	<ul style="list-style-type: none"> % Discharge ACE inhibitor = Yes or Discharge ARB = Yes 	<ul style="list-style-type: none"> All STEMI admissions with EF<40% or moderate or severe systolic dysfunction, excluding transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, contraindicated to both ACE-I and ARB
<ul style="list-style-type: none"> ADP receptor antagonists 	<ul style="list-style-type: none"> % Discharged on an ADP receptor antagonist, defined as prasugrel = Yes, or discharge ticlopidine = Yes, or discharge clopidogrel = Yes 	<ul style="list-style-type: none"> Entire STEMI population, excluding deaths, transfers out, patients discharged on comfort measures, discharged to hospice, discharged AMA, discharged on warfarin, contraindicated to discharge prasugrel or discharge ticlopidine or discharge clopidogrel
Discharge Recommendations		
<ul style="list-style-type: none"> Adult smoking cessation advice 	<ul style="list-style-type: none"> % Smoking cessation = Yes 	<ul style="list-style-type: none"> All STEMI admissions where “current/recent smoker” = Yes on Medical History Panel, excluding deaths, transfers out, discharged AMA, discharged to hospice, or discharged on comfort measures.
<ul style="list-style-type: none"> Cardiac rehab referral 	<ul style="list-style-type: none"> % Cardiac rehabilitation referral = Yes 	<ul style="list-style-type: none"> Entire STEMI population eligible for cardiac rehab referral, excluding deaths, transfers out, discharged AMA, discharged to hospice, or discharged on comfort measures.

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact

NEW for 2016Q1: NSTEMI Composite and Individual Metric Adherence (page 13)

Variable	Definition	Inclusion/Exclusion Criteria
Overall Mission Lifeline® NSTEMI Composite Score	<ul style="list-style-type: none"> Performance on 5 Achievement measures where eligible 	<ul style="list-style-type: none"> Entire NSTEMI population.
Cardiac Rehabilitation Referral	<ul style="list-style-type: none"> All NSTEMI admissions referred for cardiac rehabilitation and/or secondary prevention program prior to hospital discharge 	<ul style="list-style-type: none"> Inclusion: Entire NSTEMI population Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, no cardiac rehab referral AND documented medical, system, or patient reason referral not made
ACE-Inhibitor or Angiotensin Receptor Blocker (ARB) for LVSD at Discharge	<ul style="list-style-type: none"> All NSTEMI admissions with EF < 40% who are prescribed an ACE-I or ARB at hospital discharge 	<ul style="list-style-type: none"> Inclusion: Entire NSTEMI population with EF<40% Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, EF missing, ACEI or ARB not prescribed AND contraindicated to both ACE-I and ARB
Dual Anti-Platelet (P2Y12) Therapy at Discharge for Medically Managed Patients	<ul style="list-style-type: none"> All medically managed NSTEMI admissions prescribed dual antiplatelet therapy (aspirin, and either clopidogrel or ticagrelor) at hospital discharge 	<ul style="list-style-type: none"> Inclusion: Entire medically managed NSTEMI population (not receiving PCI or CABG during hospital admission) Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA, prescribed warfarin, dabigatran, rivaroxaban, or apixaban at discharge, dual antiplatelet therapy not prescribed AND contraindicated to aspirin, clopidogrel, ticagrelor, or prasugrel
Evaluation of LV Systolic Dysfunction	<ul style="list-style-type: none"> All NSTEMI admissions with LVEF measured or planned for measurement after discharge 	<ul style="list-style-type: none"> Inclusion: Entire NSTEMI population Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA
Adult Smoking Cessation Advice	<ul style="list-style-type: none"> All cigarette smokers who receive smoking cessation counseling or advice during the hospital stay. 	<ul style="list-style-type: none"> Inclusion: All NSTEMI admissions who have smoked within the past year prior to hospital arrival (Current/Recent Smoker (< 1 year) = Yes) Exclusions: Age < 18, transfers out, deaths, patients discharged on comfort measures, discharged to hospice, discharged AMA

EMS = Ambulance only, does not include Air transport
 POV = Personally Operated Vehicle (i.e., self/family transport)
 FMC = First Medical Contact