

SETRAC Cardiac Data Points

ITEM 1: “Total number of confirmed STEMI cases.”

Definition: Number of cases with ECG findings that demonstrated a STEMI or STEMI equivalent that presented to the emergency department during the corresponding months regardless of admission or transfer status. NOTE: STEMI or STEMI equivalent must be noted prior to any procedures and not more than 24 hours after arrival at first facility. Arrival at first facility refers to either the time of arrival at your facility or the time of arrival at the transferring facility.

Logic: Must be a number

ITEM 2: “Arrival method for the confirmed STEMI cases reported in Item 1.”

- 2a. Number arriving via EMS/ambulance AND not a transfer
- 2b. Number arriving via private transportation/walk in/family/self AND not a transfer
- 2c. Number arriving via other transport (mobile ICU or air) AND not a transfer
- 2d. Number arriving via transfer. Transfer mode may include ambulance, mobile ICU, air transport, or unknown. (can include transfers to a STEMI referral hospital)
- 2e. Number with arrival mode not documented or unknown AND not a transfer

Logic: 2a + 2b + 2c + 2d + 2e must be less than or equal to Item 1

ITEM 3: “Total number of confirmed STEMI cases transferred for percutaneous coronary intervention (PCI) treatment to a STEMI receiving hospital.”

Definition: Number includes all cases with ECG findings that demonstrate a STEMI or STEMI equivalent that presented to a STEMI referral hospital first and then were transferred to a STEMI receiving hospital where they received PCI. Transfer mode may include ambulance, mobile ICU, air transport, or unknown.

Logic: Must be a number less than or equal to Item 1

ITEM 4: “Of the STEMI transfers reported in Item 3, how many received primary PCI within 120 minutes of arrival at the STEMI referral hospital?”

Definition: Number includes all cases with ECG findings that demonstrate a STEMI or STEMI equivalent that presented to a STEMI referral hospital first and then were transferred to a STEMI receiving hospital where they received PCI within 120 minutes of arrival to the STEMI referral hospital. Please use time elapsed from arrival at the STEMI referral hospital to receipt of primary percutaneous coronary intervention at the STEMI receiving hospital to calculate time from first door to balloon.

Logic: Must be a number less than or equal to Item 3

SETRAC Cardiac Data Points

ITEM 5: “Total number of confirmed STEMI cases transferred for percutaneous coronary intervention (PCI) treatment that had a door in door out (DIDO) time of less than 30 minutes at STEMI referral facility.”

Definition: Number includes all cases with ECG findings that demonstrate a STEMI or STEMI equivalent who spent less than 30 minutes from arrival to discharge at STEMI referral hospital.

Logic: Must be a number less than or equal to Item 3

ITEM 6: “Of the STEMI cases reported in Item 1, how many received thrombolytic therapy as an urgent treatment for STEMI at STEMI referral hospital?”

Definition: Number includes all cases with ECG findings that demonstrate a STEMI or STEMI equivalent, who received thrombolytic therapy as an urgent treatment for STEMI at a STEMI referral hospital. Include any occurrence between first medical contact and discharge.

Logic: Must be a number less than or equal to Item 1

ITEM 7: “Of the STEMI cases reported in Item 6, how many received thrombolytic therapy within 30 minutes of arrival at STEMI referral hospital?”

Definition: Number includes all cases with ECG findings that demonstrate a STEMI or STEMI equivalent, who received thrombolytic therapy within 30 minutes as an urgent treatment for STEMI at STEMI referral hospital. Include any occurrence between first medical contact and discharge.

Logic: Must be a number less than or equal to Item 6

ITEM 8: “Indicate the health insurance status for cases with confirmed STEMI or STEMI equivalent.”

- 8a. Number with any health insurance
- 8b. Number without health insurance
- 8c. Number with health insurance not documented or unknown.

Logic: 8a + 8b + 8c must be less than or equal to Item 1

ITEM 9: “Of the STEMI cases reported in Item 2a, 2b, 2c and 2e, how many received primary PCI (PPCI) within 90 minutes of arrival or subsequent ECG, excluding patients transferred in.”

Definition: Number of cases with ECG findings that demonstrated a STEMI or STEMI equivalent that presented to the emergency department during the corresponding months regardless of admission and received primary PCI within 90 minutes of arrival at facility or subsequent ECG if STEMI first noted on subsequent ECG. NOTE: STEMI or STEMI equivalent must be noted prior to any procedures and not more than 24 hours after arrival at first facility. Arrival refers to the time of arrival at your facility, subsequent ECG refers to time of ECG when ST elevated first noted. (DO NOT INCLUDE TRANSFER PATIENTS)

Logic: Must be less than or equal to Item 1-2d.

SETRAC Cardiac Data Points

ITEM 10: “Of the STEMI cases reported in Item 9 indicate the PRIMARY reason for no PPCI or PRIMARY reason for delay in receiving PPCI within 90 minutes of arrival.”

Definition: Indicate the PRIMARY documented reason why the STEMI patient did not receive primary PCI OR the PRIMARY reason for delay if the door to balloon time is greater than 90 minutes of arrival at your facility. (DO NOT INCLUDE TRANSFER PATIENTS)

- 10a. Delay due to difficult vascular access
- 10b. Patient received fibrinolytics prior to PCI
- 10c. Patient delay in providing consent for the procedure
- 10d. Delay due to Cardiac arrest
- 10e. Delay due to difficulty crossing the culprit lesion during the PCI procedure
- 10f. No PPCI due to non-compressible vascular puncture(s)
- 10g. No PPCI due to Active bleeding on arrival or within 24 hours
- 10h. No PPCI due to Quality of life decision
- 10i. No PPCI due to Anatomy not suitable to primary PCI
- 10j. No PPCI due to Spontaneous reperfusion (documented by cath only)
- 10k. No PPCI due to Patient/family refusal
- 10l. No PPCI due to DNR at time of treatment decision
- 10m. No PPCI due to Prior allergic reaction to IV contrast
- 10n. No PPCI due to Other
- 10o. PCI indication described as Rescue PCI for STEMI, PCI for STEMI after successful full-dose lytic, PCI for STEMI >12 hr from symptom onset
- 10p. Other (free text area)
- 10q. No reason documented

Logic: Subtract Item 9 from Item 1 and have the product auto populate into Item 10. Number of reasons chosen must equal autosum number. If 10p is chosen, text is required.

Error message should read: “Error Line 10: 10a thru 10q must equal the number in Line 10”