

Table Name EMS – OMD Clinical Performance Indicators

Description	This table contains data related to Clinical Performance Indicators (CPIs) used by the City of Austin/Travis County EMS System Office of the Medical Director (OMD). More information on CPIs can be found at http://www.austintexas.gov/page/performance-improvement .
Row Label / Contents	Each row contains performance data for one fiscal quarter.
Data Source(s)	ATCEMS electronic medical records, computer-aided dispatch data, and clinical performance audits. Specific sources are listed in the description for each column.
Update Frequency	Quarterly
Creation Date	17 January 2017
Created By	Lynn Cohee
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The following metadata is available in the “About” tab of the table in the Open Data portal, and is not replicated in this document:

- Last date updated
- Category (“Public Safety”)
- Permissions (generally “Public”)
- Row count
- Permalink
- Short URL
- Department (“Emergency Medical Service”)

Data Dictionary

Column Name	Format	Description	API Field Name
Fiscal Quarter Key	Number	Row identifier – numeric representation of fiscal quarter in <yyyyqq> format. Value is created by ETL process.	Fiscal_Quarter_key
Fiscal Quarter	Text	Year and fiscal quarter for record in <yyyy-qq> format (e.g. 2014-Q1). Value is created by ETL process.	Fiscal_Quarter
Fiscal Quarter Start Date	Date & time	First day of fiscal quarter, presented in <mmm yyyy> format. Value is created by ETL process.	Fiscal_Quarter_Start_Date

Column Name	Format	Description	API Field Name
Fiscal Quarter End Date	Date & time	Last day of fiscal quarter, presented in <mmm yyyy> format. Value is created by ETL process.	Fiscal_Quarter_End_Date
Count - Trauma Alerts	Number	Count of Trauma Alert patients. In this setting, "Trauma Alert" refers to injured patients who meet Physiological or Anatomical criteria for transport to a Trauma Center per <i>City of Austin/Travis County EMS System Clinical Operating Guidelines</i> . Data comes from electronic medical record (EMR) system.	cpi_01_count
Count - Trauma Alert Scene Interval Compliance	Number	Count of Trauma Alert patients with a scene interval less than 15 minutes. Scene interval starts when the first ATCEMS unit arrives on scene, and ends when ATCEMS personnel depart the scene. This data comes from the Computer-Aided Dispatch (CAD) system and clinical audit results.	cpi_01_count_goal_met
Percent – Trauma Alert Scene Interval Compliance	Percent	Percent of Trauma Alert patients with a scene interval less than 15 minutes. Data is calculated by dividing [Count - Trauma Alert Scene Interval Compliance] by [Count – Trauma Alerts].	cpi_01_percent_goal_met
Trauma Alert Scene Interval Compliance Target	Percent	Target performance level for compliance with scene interval goal for Trauma Alert patients.	cpi_01_percent_goal_met_target
90 th Percentile Trauma Alert Scene Interval	Number	90 th percentile scene interval for included Trauma Alert patients, measured in decimal minutes (e.g. 37.7 minutes). Scene interval starts when the first ATCEMS unit arrives on scene, and ends when ATCEMS personnel depart the scene. This data comes from CAD system and clinical audit results.	cpi_01_percentile_90_interval_scene
90 th Percentile Trauma Alert Scene Interval Target	Number	Target performance level for 90 th percentile scene interval for Trauma Alert patients, measured in decimal minutes.	cpi_01_percentile_90_interval_scene_target

Column Name	Format	Description	API Field Name
Count - Stroke Alerts	Number	Count of Stroke Alert patients. Not all stroke patients meet criteria for calling a Stroke Alert, so this group will be smaller than the group for CPI 7 – Blood Glucose Test for Stroke Patients. Data comes from the EMR system.	cpi_02_count
Count - Stroke Alert Scene Interval Compliance	Number	Count of Stroke Alert patients with a scene interval less than 15 minutes. Scene interval starts when the first ATCEMS unit arrives on scene, and ends when ATCEMS personnel depart the scene. This data comes from the CAD system and clinical audit results.	cpi_02_count_goal_met
Percent - Stroke Alert Scene Interval Compliance	Percent	Percent of Stroke Alert patients with a scene interval less than 15 minutes. Data is calculated by dividing [Count - Stroke Scene Interval Compliance] by [Count – Stroke Alerts].	cpi_02_percent_goal_met
Stroke Alert Scene Interval Compliance Target	Percent	Target performance level for compliance with scene interval goal for Stroke Alert patients.	cpi_02_percent_goal_met_target
90 th Percentile Stroke Alert Scene Interval	Number	90 th percentile scene interval for included Stroke Alert patients, measured in decimal minutes. Scene interval starts when the first ATCEMS unit arrives on scene, and ends when ATCEMS personnel depart the scene. This data comes from the CAD system and clinical audit results.	cpi_02_percentile_90_interval_scene
90 th Percentile Stroke Alert Scene Interval Target	Number	Target performance level for 90 th percentile scene interval for Stroke Alert patients, measured in decimal minutes.	cpi_02_percentile_90_interval_scene_target
Count - STEMI Alerts	Number	Count of STEMI Alert patients. STEMI Alert patients are a subset of ACS patients; therefore, this count will be smaller than the count for CPI 4 – Aspirin Administration to ACS Patients. Data comes from the EMR system.	cpi_03_count

Column Name	Format	Description	API Field Name
Count - STEMI Alert Scene Interval Compliance	Number	Count of STEMI Alert patients with a scene interval less than 15 minutes. Scene interval starts when the first ATCEMS unit arrives on scene, and ends when ATCEMS personnel depart the scene. This data comes from the CAD system and clinical audit results.	cpi_03_count _goal_met
Percent - STEMI Alert Scene Interval Compliance	Percent	Percent of STEMI Alert patients with a scene interval less than 15 minutes. Data is calculated by dividing [Count - STEMI Alert Scene Interval Compliance] by [Count – STEMI Alerts].	cpi_03_percent _goal_met
STEMI Alert Scene Interval Compliance Target	Percent	Target performance level for compliance with scene interval goal for STEMI Alert patients.	cpi_03_percent _goal_met_target
90 th Percentile STEMI Alert Scene Interval	Number	90 th percentile scene interval for included STEMI Alert patients, measured in decimal minutes. Scene interval starts when the first ATCEMS unit arrives on scene, and ends when ATCEMS personnel depart the scene. This data comes from the CAD system and clinical audit results.	cpi_03_percentile _90_interval_scene
90 th Percentile STEMI Alert Scene Interval Target	Number	Target performance level for 90 th percentile scene interval for STEMI Alert patients, measured in decimal minutes.	cpi_03_percentile_90 _interval_scene_target
Count – ACS Patients	Number	Count of Acute Coronary Syndrome (ACS) patients. This includes patients with a Primary Impression of “Acute Coronary Syndrome” or “STEMI,” and patients for whom a STEMI Alert is called. This group will be larger than the group for CPI 3 – Scene interval for STEMI Alerts. Data comes from the EMR system.	cpi_04_count
Count – ACS Patient ASA Administration	Number	Count of ACS patients who receive aspirin (ASA). Data comes from EMR system and clinical audit results.	cpi_04_count _goal_met

Column Name	Format	Description	API Field Name
Percent – ACS Patient ASA Administration	Percent	Percent of ACS patients who receive aspirin. Data is calculated by dividing [Count – ACS ASA Administration] by [Count – ACS Patients].	cpi_04_percent_goal_met
ACS Patient ASA Administration Target	Percent	Target performance level for aspirin administration to ACS patients.	cpi_04_percent_goal_met_target
Count - AMS Patients	Number	Count of patients with a primary impression suggestive of Altered Mental Status (AMS). Data comes from the EMR system.	cpi_05_count
Count - BGL Test for AMS Patients	Number	Count of AMS patients who receive a blood glucose level (BGL) assessment. Data comes from the EMR system and clinical audit results.	cpi_05_count_goal_met
Percent - BGL Test for AMS Patients	Percent	Percent of AMS patients who receive a blood glucose level assessment. Data is calculated by dividing [Count - BGL Test for AMS Patients] by [Count – AMS Patients].	cpi_05_percent_goal_met
AMS Patient BGL Test Target	Percent	Target performance level for blood glucose assessment of AMS patients.	cpi_05_percent_goal_met_target
Count - Seizure Patients	Number	Count of patients with a primary impression of “Seizure – Other Convulsions,” “Seizure Febrile,” or “Seizure Postictal State.” Data comes from the EMR system.	cpi_06_count
Count - BGL Test for Seizure Patients	Number	Count of seizure patients who receive a blood glucose level assessment. Data comes from the EMR system and clinical audit results.	cpi_06_count_goal_met
Percent - BGL Test for Seizure Patients	Percent	Percent of seizure patients who receive a blood glucose level assessment. Data is calculated by dividing [Count - BGL Test for Seizure Patients] by [Count – Seizure Patients].	cpi_06_percent_goal_met
Seizure Patient BGL Test Target	Percent	Target performance level for blood glucose assessment of seizure patients.	cpi_06_percent_goal_met_target

Column Name	Format	Description	API Field Name
Count - Stroke Patients	Number	Count of stroke patients. This definition includes all patients with Primary Impression of stroke, regardless of whether the patient qualified as a Stroke Alert, as well as those for whom a Stroke Alert is called. This group will be larger than the group for CPI 2—Scene interval for Stroke Alerts. Data comes from the EMR system.	cpi_07_count
Count - BGL Test for Stroke Patients	Number	Count of stroke patients who receive a blood glucose level assessment. Data comes from the EMR system and clinical audit results.	cpi_07_count_goal_met
Percent - BGL Test for Stroke Patients	Percent	Percent of stroke patients who receive a blood glucose level assessment. Data is calculated by dividing [Count - BGL Test for Stroke Patients] by [Count – Stroke Patients].	cpi_07_percent_goal_met
Stroke Patient BGL Test Target	Percent	Target performance level for blood glucose assessment of stroke patients.	cpi_07_percent_goal_met_target

Related Open Data Tables

Table Name	Notes
EMS - Quarterly Clinical Measures – STEMI Alert	This table contains ATCEMS performance data related to care of patients meeting STEMI Alert criteria. CPI 3.x (“Scene Interval for STEMI Alert Patients”) of the CPI table corresponds to the scene interval values presented in this table. CPI 4.x (“Aspirin Administration in ACS Patients”) of the CPI table uses a denominator of all ACS patients, regardless of whether the patient meets STEMI alert criteria or not. Thus, the measure in the CPI table will differ significantly from the data presented in this table, which is limited to STEMI alerts only.

Table Name	Notes
EMS - Quarterly Clinical Measures – Stroke Alert	This table contains ATCEMS performance data related to care of patients meeting Stroke Alert criteria. CPI 2.x (“Scene Interval for Stroke Alert Patients”) of the CPI table corresponds to the scene interval values presented in this table. CPI 7.x (“Blood Glucose Level in Stroke Patients”) in the CPI table uses a denominator of ALL stroke patients, regardless of whether the patient meets alert criteria or not. Thus, the data in the CPI table will differ significantly from the data presented in this table, which is limited to Stroke Alerts only.
EMS - Quarterly Clinical Measures – Trauma Alert	This table contains ATCEMS performance data related to care of injured patients meeting Physiological and Anatomical criteria for transport to a trauma center. CPI 1.x (“Scene Interval for Trauma Alert Patients”) of the CPI table corresponds to the scene interval values presented in this table.

Licensing

Licensing information is available at <https://www.austintexas.gov/coa-open-data-licensing>

Edit History

Edited By:	Edit Date	Edit Description
David Andersen	18 Jan 2017	Initial version of table metadata created