

King County
Emergency Medical Services
Division



2010 Data Dictionary
with Data Repository Mapping

Updated 12 July 2011

King County EMS Data Dictionary

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King County EMS Data Dictionary

Action Taken (NFIRS)

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

4

Default Value

Definition

NFIRS code that best describes the most significant action taken during the incident at the incident level and at the unit (apparatus) level, where appropriate. This code is optional at the unit level. Usage at the Unit level will allow us to determine cancelled calls and standbys on a unit by unit basis. This is especially important in ALS calls where the BLS unit is NOT cancelled and the ALS unit IS cancelled. Please note that agencies may choose to use the '93 – Standby' code instead of the 324 or 331 codes for standby calls.

KC EMS Data Repository

Unit.ActionTaken1

Notes: This is not the full list of Action Taken codes. Please see the NFIRS documentation for the complete list.

<u>Code</u>	<u>Code Value</u>
EMS & Transport	
31	Provide first aid & check for injuries
32	Provide basic life support (BLS)
324	BLS Standby
329	Cancelled at Scene
33	Provide advanced life support (ALS)
331	ALS Standby
34	Transport person
30	Emergency medical services, other
Fill-in, Standby	
91	Fill-in or move up
92	Standby
93	Cancelled enroute
90	Fill-in, standby, other
00	Action taken, other

Unit.ActionTaken2

Unit.ActionTaken3

Unit.ActionTaken4

Action Taken (Patient Level)

King County EMS Data Dictionary

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

End result of EMS response.

Business Rules

Only one box should be checked for this field.

Rationale

Used to categorize the types of service which are required, and allows planning of EMS resource allocation. Allows reports to be generated according to the final disposition of EMS responses. This will provide information about the reasons for which EMS is notified. Please note that choices 6. *Patient Refused Treatment* and 7. *Service Aid / Patient Assist* have been removed. These actions are coded using the NFIRS Incident Type codes of 3212 and 3213 for cancelled calls, and 3113 for no patient found.

2010 KC EMS Data Standard

Action Taken

<u>Code</u>	<u>Code Value</u>
1	Exam Only
2	Exam and Assist
3	No Exam Needed
4	Patient Refused Treatment
5	Service Aid / Patient Assist

KC EMS Data Repository

PatientTreatment.ActionTakenID

Notes: Please note that this 'Action Taken' is the KC EMS Action Taken, not the NFIRS Action Taken Codes (see the previous data element)

Aftercare Instructions – Community Resources Information

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

Was the Community Resources information shared with the patient?

The MIRF Backer provides information to the patient that pertains to their situation. The MIRF Backer should be left with all patients, with the exception of DOA, AMA, GOA, etc.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Aftercare Instructions – Community Resources Information

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.Aftercare_CommunityResources

Aftercare Instructions – Falls Information

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	bit		0

Definition

Was the Falls Information left with the patient?

Currently, only Renton FD is providing Falls information to their patients.

The MIRF Backer provides information to the patient that pertains to their situation. The MIRF Backer should be left with all patients, with the exception of DOA, AMA, GOA, etc.

2010 KC EMS Data Standard

Aftercare Instructions – Falls Info

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.Aftercare_Falls

Aftercare Instructions – High Blood Pressure Information

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	bit		0

Definition

Was the High Blood Pressure information given to the patient?

King County EMS Data Dictionary

The MIRF Backer provides information to the patient that pertains to their situation. The MIRF Backer should be left with all patients, with the exception of DOA, AMA, GOA, etc.

2010 KC EMS Data Standard

Aftercare Instructions – High Blood Pressure Information

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.Aftercare_HighBloodPressure

Aftercare Instructions – Low Blood Sugar Information

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	bit		0

Definition

Were the Low Blood Sugar instructions conveyed to the patient?

The MIRF Backer provides information to the patient that pertains to their situation. The MIRF Backer should be left with all patients, with the exception of DOA, AMA, GOA, etc.

2010 KC EMS Data Standard

Aftercare Instructions – Low Blood Sugar Information

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.Aftercare_LowBloodSugar

Aftercare Instructions – MIRF Backer

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Integer		

King County EMS Data Dictionary

Definition

Was the Aftercare Instructions MIRF Backer left with the patient?

The MIRF Backer provides information to the patient that pertains to their situation. The MIRF Backer should be left with all patients, with the exception of DOA, AMA, GOA, etc.

2010 KC EMS Data Standard

Aftercare Instructions – MIRF Backer

Notes: Was the MIRF Backer left with the Patient?

<u>Code</u>	<u>Code Value</u>
1	Yes
2	No
3	N/A – (DOA, AMA, GOA)

KC EMS Data Repository

PatientTreatment.Aftercare_MIRFBacker

Aftercare Instructions – Not Transported Information

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

0

Default Value

0

Definition

Was the Not Transported info left with the patient?

2010 KC EMS Data Standard

Aftercare Instructions – Not Transported Information

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.Aftercare_NotTransported

Agency Incident Number

King County EMS Data Dictionary

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
Yes	No	Character	25	

Definition

Unique number for each agency per incident as reported by dispatch. This number resets each year on January 1st for each agency. Incident Number lengths generally are only about 10 characters long.

Rationale

The number is valuable for linking EMS data files with other files related to the incident. Linkage is greatly facilitated by the presence of such a number in each of the files that could be linked.

2010 KC EMS Data Standard

Agency Incident Number

KC EMS Data Repository

Incident.IncidentNumber

Notes: Used as part of the Primary Key for the Incident table.

Patient.IncidentNumber

Notes: Part of the Primary Key for the Patient table.

PatientFlowChart.IncidentNumber

Notes: Part of the Primary Key for the PatientFlowChart table.

PatientMedication.IncidentNumber

Notes: Part of the Primary Key for the PatientMedication table.

PatientTrauma.IncidentNumber

Notes: Part of the Alternate Primary Key for the PatientTrauma table.

PatientTreatment.IncidentNumber

Notes: Part of the Primary Key for the PatientTreatment table.

Unit.IncidentNumber

Notes: Part of the Primary Key for the Unit table.

UnitCrewMember.IncidentNumber

King County EMS Data Dictionary

Notes: Part of the Primary Key for the UnitCrewMember table.

Aid Type

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

1

Default Value

Definition

Mutual aid given or received.

Mutual aid defined as requested aid; Automatic aid sent by dispatch. For fire departments, if dispatched together, then automatic aid is provided; if called from the scene, then mutual aid is provided.

Rationale

Part of necessary information to link calls. Also, will be useful in providing additional information for EMS resource planning.

2010 KC EMS Data Standard

Aid Type

Notes: Coding was changed to make it NFIRS compliant (None is now 'N'). The pick list values remained the same.

<u>Code</u>	<u>Code Value</u>	<u>Definition</u>
1	Mutual aid received	Aid received from an outside agency upon request from the initial responding department. Applies to the same level of care. (An ALS agency providing support to a BLS agency is not considered giving mutual aid)
2	Automatic aid received	Aid received from an outside agency that was dispatched automatically based on a prior agreement between two jurisdictions. This could occur if two different agencies were dispatched to the same scene automatically.
3	Mutual aid given	Aid given to an outside agency upon request from the initial responding agency.
4	Automatic aid given	Automatically dispatched aid given to an outside agency based on a prior agreement between two jurisdictions. An example would be an agency responding into another jurisdiction to cover a vacated station while the other agency is busy.
N	None	No aid given or received.

KC EMS Data Repository

Unit.AidTypeID

King County EMS Data Dictionary

Allergies

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

256

Default Value**Definition**

Record any known drug allergies or other allergies.

Rationale

Especially useful for identifying allergies to medications etc. However, can also be helpful in other cases where environmental factors may have been a problem.

2010 KC EMS Data Standard

Allergies

KC EMS Data Repository

PatientTreatment.Allergies

Arrest After Arrival of EMS Personnel

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length**Default Value****Definition**

Did the arrest occur *after* the arrival of emergency personnel?

Rationale

Guidelines for cardiac studies recommend that arrests after arrival emergency personnel be recorded for several reasons. The presence or absence of bystander CPR and the length of the call-response intervals do not apply to these patients. To include them would distort the percentage of people who received by stander CPR and the measurement of the call-response interval.

2010 KC EMS Data Standard

Arrest After Arrival of EMS Personnel

<u>Code</u>	<u>Code Value</u>
1	Yes
2	No
3	Unknown

KC EMS Data Repository

King County EMS Data Dictionary

PatientTreatment.ArrestAfterArrival

Blunt/Penetrating Injury - Blunt or Both

CAD Data
No

ALS Only?
Yes

Field Type
Bit

Field Length

Default Value
0

Definition

Select if there is a blunt or both a blunt and penetrating injury. Note: Be sure to record the force of the injury, not the type of injury (for example, a blunt trauma MVA could be the cause of an open fracture).

Business Rules

Only for trauma cases.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

Blunt/Penetrating Injury - Blunt or Both

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.BPI_BluntBoth

Blunt/Penetrating Injury - Pen. to Chest / Abdomen

CAD Data
No

ALS Only?
Yes

Field Type
Bit

Field Length

Default Value
0

Definition

Select if there is a penetrating injury to the chest or abdomen. Note: Be sure to record the force of the injury, not the type of injury (for example, a blunt trauma MVA could be the cause of an open fracture).

Business Rules

Only for trauma cases.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Blunt/Penetrating Injury - Penetrating - Chest or Abdomen

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.BPI_ChestAbdomen

Blunt/Penetrating Injury - Penetrating - Other

CAD Data
No

ALS Only?
Yes

Field Type
Bit

Field Length

Default Value
0

Definition

Select if there is a penetrating injury other than to the chest or abdomen. Note: Be sure to record the force of the injury, not the type of injury (for example, a blunt trauma MVA could be the cause of an open fracture).

Business Rules

Only for trauma cases.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

Blunt/Penetrating Injury - Penetrating – Other

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.BPI_Other

Cardiac Arrest Witnessed

CAD Data

ALS Only?

Field Type

Field Length

Default Value

King County EMS Data Dictionary

No

No

Integer

Definition

If someone directly saw or heard the patient collapse, then the arrest is considered witnessed and you should mark "yes". If the patient's collapse was not seen or heard, but found after an unknown length of time, it is considered unwitnessed and you should mark no.

Business Rules

Conditionally required in cardiac arrest cases.

Rationale

Unwitnessed events provide no information about downtime.

2010 KC EMS Data Standard

Cardiac Arrest Witnessed Indicator

<u>Code</u>	<u>Code Value</u>
10	Yes
20	No
21	Unknown

KC EMS Data Repository

PatientTreatment.CardiacArrestWitnessed

CPR Initiated By

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicate the first person to begin CPR.

Rationale

Part of determining the effectiveness of training classes for citizens and frequencies for who is doing CPR.

2010 KC EMS Data Standard

CPR Initiated By

<u>Code</u>	<u>Code Value</u>
1	Non-EMS First Responder / Police
2	Fire Department (BLS)
3	Paramedic (ALS)
4	Ambulance

King County EMS Data Dictionary

5	MD / RN
6	Citizen with Dispatch Assistance
7	Citizen without Dispatch Assistance
8	CPR Not Attempted

KC EMS Data Repository

PatientTreatment.CPRInitiatedByID

Date Time Arrived at Patient's Side

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time response personnel establish direct contact with patient. MM,DD,YYYY and HH:MM:SS Not to be used in all instances, only where there is a significant delay between arriving at the scene and initial patient contact. Examples may include patients that are in high rise buildings, in a remote area distant from any roads, unsafe or staged scenes, or otherwise not readily accessible. Arrived at scene = arriving at staging; Arrived at patient's side should be documented for any delays greater than one minute.

Rationale

Desirable in certain situations in which there may be a significant delay between the time at which a response unit arrives at the scene and the time at which the personnel can access a patient.

2010 KC EMS Data Standard

Date Time Arrived at Patient's Side

KC EMS Data Repository

PatientTreatment.DTArrivedPatientSide

Date Time Arrived at Treatment Facility or Transfer Point

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time when patient arrives at treatment facility or transfer point. MM,DD,YYYY and HH:MM:SS

Business Rules

Essential only if a patient is transported.

King County EMS Data Dictionary

Rationale

Permits calculation of the time required to go from the scene to the treatment destination.

2010 KC EMS Data Standard

Date Time Arrived at Treatment Facility or Transfer Point

KC EMS Data Repository

PatientTreatment.DTArrivedTreatmentFacility

Date Time Arrived on Scene

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time unit stops physical motion at scene (last place that the unit or vehicle stops prior to assessing the patient).
MM,DD,YYYY and HH:MM:SS

Rationale

Permits measurement of the time required for the response vehicle to go from the station to the scene. This data elements refers to the physical motion of the responding EMS vehicle.

2010 KC EMS Data Standard

Date Time Arrived on Scene

KC EMS Data Repository

Unit.DTArrivedScene

Date Time Dispatch Notified

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time the call was received by the EMS Dispatch Center. This date time may or may not be the same as the PSAP time (911 call to Public Safety Answering Point), depending on whether a call is routed directly to a dispatch center or not. This data element is commonly referred to as the 'call time'.

King County EMS Data Dictionary

Rationale

Necessary to determine if there is any delays in dispatch procedures and to mark the start time for EMS incidents.

2010 KC EMS Data Standard

Date Time Dispatch Notified

KC EMS Data Repository

Incident.DTDispatchNotified

Date Time Extrication is Completed

CAD Data

No

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time that extrication was completed. Extrication means removal from an entrapment or entanglement by using special tools or devices. It includes entrapment from any source, not just those resulting from motor vehicle accidents. Should be completed by both ALS and BLS.

Business Rules

Conditional on extrication being performed.

Rationale

Necessary to determine if there was prolonged extrication involved in an incident. Also, can be of value when studying the type and placement of extrication tools.

2010 KC EMS Data Standard

Date Time Extrication is Completed

KC EMS Data Repository

PatientTreatment.DTExtricationCompleted

Date Time In Service

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

King County EMS Data Dictionary

Date and time response unit back in service or available for response. MM,DD,YYYY and HH:MM:SS Not "Date/Time" that the unit leaves the scene. Rather, the time the unit is back in service and available for the next call.

Rationale

Allows for planning of EMS resources. Permits calculation of total duration of out of service time and to determine the delay between arrival at treatment facility and the availability of the response unit.

2010 KC EMS Data Standard

Date Time In Service

KC EMS Data Repository

Unit.DTInService

Date Time Last Response Unit Leaves Scene

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time last response unit leaves scene. MM,DD,YYYY and HH:MM:SS

Business Rules

Not applicable for code green calls.

Rationale

Necessary to determine total duration of an incident. Useful for EMS resources planning.

2010 KC EMS Data Standard

Date Time Last Response Unit Leaves Scene

KC EMS Data Repository

Incident.DTLastUnitLeavesScene

Date Time Patient Left Scene

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

King County EMS Data Dictionary

Definition

Date and time transporting unit begins physical motion from scene. MM,DD,YYYY; HH:MM:SS

Business Rules

Only applicable in cases where a patient is transported, and should be recorded by the agency that transports the patient to the treatment facility or transfer point.

Rationale

Permits calculation of scene time by subtracting the time of arrival at scene from the time unit left scene. Also, is valuable for measurement of the travel time from scene to treatment facility.

2010 KC EMS Data Standard

Date Time Patient Left Scene

KC EMS Data Repository

PatientTreatment.DTPatientLeftScene

Date Time Primary PSAP Notified

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time call is first received by primary Public Service Answering Point (PSAP) or other designated entity. MM,DD,YYYY and HH:MM:SS. Currently this information is not available in cases where the Dispatch Center is also not the PSAP, and this is difficult to determine reliably, except on a call by call basis.

Rationale

Provides the start point of the EMS response, and allows for identification of system delays and for planning resources in a manner to provide expeditious EMS responses. Please see above for availability of this information.

2010 KC EMS Data Standard

Date Time Primary PSAP Notified

KC EMS Data Repository

Incident.DTPrimaryPSAPNotified

Date Time Return of Spontaneous Circulation

King County EMS Data Dictionary

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	DateTime		

Definition

ROSC - Return of spontaneous circulation. Time of the return of any palpable pulse. A palpable pulse would be one detectable by manual palpation of a major artery, usually the carotid. Recorded as MM,DD,YYYY and HH:MM:SS

Rationale

Measurement for effectiveness of cardiac resuscitation in the field. Determinant of whether or not a patient remained in cardiac arrest throughout the incident and continues to receive CPR until reaching the emergency department or not .

2010 KC EMS Data Standard

Date Time Return of Spontaneous Circulation

KC EMS Data Repository

PatientTreatment.DTReturnSponCirculation

Date Time Unit Notified by Dispatch

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
Yes	No	DateTime		

Definition

Date and time response unit is notified by EMS dispatch. Format should be coded as MM,DD,YYYY and HH:MM:SS This is commonly referred to as "Dispatch Time".

Rationale

Permits planning of EMS resources by day of week or season of the year. Also permits assessment of EMS responsiveness. Permits measurement of the actual responder response or delays. Assists planning of communications resources for individual responders, and allows identification of system delays following the dispatch component of the EMS system.

2010 KC EMS Data Standard

Date Time Unit Notified by Dispatch

KC EMS Data Repository

Unit.DTUnitNotifiedbyDispatch

King County EMS Data Dictionary

Date Time Unit Responded

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date and time the responding unit begins physical motion toward the scene. MM,DD,YYYY and HH:MM:SS

Rationale

Permits measurement of delay between notification of EMS responder and the actual unit response. This element refers to physical motion of the responding unit, and not to individual EMTs who may respond directly to the scene.

2010 KC EMS Data Standard

Date Time Unit Responded

KC EMS Data Repository

Unit.DTUnitResponded

EMS ID Number of Person Completing Form

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

The EMS ID number is assigned by each agency to EMS personnel. Please record this number for the person who completed the paper form, or for who completed the electronic record if an agency uses an RMS to report EMS incidents.

Rationale

Necessary to track who has completed report.

2010 KC EMS Data Standard

EMS ID Number of Person Completing Form

KC EMS Data Repository

Incident.EMSPersonCompFormID

Estimated Elapsed Time (minutes) from Collapse to Call

King County EMS Data Dictionary

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

This is the number of minutes between collapse of the patient and the reporting party reaching the correct agency by phone. If the collapse was unwitnessed or you cannot estimate the time do not enter anything. Witnessed collapse is defined as those that are seen or heard only.

Business Rules

Conditional on cardiac arrest.

Rationale

Useful to determine the amount of delay in the EMS system being notified in cases of cardiac arrest and how outcomes may be effected.

2010 KC EMS Data Standard

Estimated Elapsed Time from Collapse to Call

KC EMS Data Repository

PatientTreatment.TimeCollapseCall

Estimated Elapsed Time (minutes) from Collapse to CPR

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

For witnessed arrests only, the estimated number of minutes from the patient's collapse to the time CPR was initiated. HH:MM. Witnessed collapse (arrest) is defined as those that are seen or heard only.

Business Rules

Conditional on cardiac arrest.

Rationale

Important to determine if there were significant delays in CPR being administered and how delay in receiving CPR effects the patient outcome.

2010 KC EMS Data Standard

Estimated Elapsed Time from Collapse to CPR

KC EMS Data Repository

King County EMS Data Dictionary

PatientTreatment.TimeCollapseCPR

First Agency on Scene ID

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
5

Default Value

Definition

The ID number of the first EMS Agency to arrive at the scene. If you are the first agency, enter your agency's ID.

Business Rules

This information could be derived using the dispatch center master incident number to tie all the agencies on the scene together.

2010 KC EMS Data Standard

First Agency on Scene ID

KC EMS Data Repository

Incident.FirstAgencyOnSceneID

First EMS Reporting Agency On Scene

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

First EMS reporting agency on scene? Are you the first agency on scene that will be responsible for recording the incident information?

Business Rules

This information could be derived using the dispatch center master incident number to tie all the agencies on the scene together.

2010 KC EMS Data Standard

First EMS Reporting Agency On Scene

<u>Code</u>	<u>Code Value</u>
1	Yes
2	No
3	Not Applicable (cancelled calls only)

KC EMS Data Repository

King County EMS Data Dictionary

Incident.FirstEMSAgencyOnSceneID

First Unit on Scene

CAD Data
Yes

ALS Only?
No

Field Type
Character

Field Length
10

Default Value

Definition

The unit number of the first EMS unit to arrive at the scene. Must be entered except for cancelled enroute calls.

Business Rules

Only applicable for incidents that are not discontinued or cancelled.

Rationale

Used to calculate times to determine which unit was first to arrive and how resources are utilized.

2010 KC EMS Data Standard

First Unit on Scene

KC EMS Data Repository

Incident.FirstUnitonSceneID

Flow Chart: Date Time DC Shock

CAD Data
No

ALS Only?
No

Field Type
DateTime

Field Length

Default Value

Definition

The date and time when the first defibrillation shock was delivered. MM,DD,YYYY; HH:MM:SS

Business Rules

If incident is not cardiac related this field should not be included.

Rationale

Allows assessment of the time required between onset of cardiac arrest and defibrillation. Also provides information about how fast an EMS responder correctly diagnosis the rhythm and takes action.

2010 KC EMS Data Standard

Flow Chart: Date Time DC Shock

King County EMS Data Dictionary

Flow Chart: Diastolic Blood Pressure

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

3

Default Value**Definition**

The first diastolic blood pressure observed, in mm of Hg.

NOTE: If diastolic was measured by palpation enter 'P'. If blood pressure was measured by Doppler, enter 'D'. (I.e. 170/P or 132/D)

Business Rules

Conditionally required if there is a patient.

Rationale

Important component for assessing the severity of the problem and how rapidly the patient's condition is changing or not changing, which ever may be the case.

2010 KC EMS Data Standard

Flow Chart: Diastolic Blood Pressure

KC EMS Data Repository

PatientFlowChart.FC_DiastolicBP

Flow Chart: ECG Rhythm

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

2

Default Value**Definition**

Initial monitored cardiac rhythm as interpreted by EMS personnel.

Business Rules

Required for cardiac arrest cases. Desirable for other cases.

Rationale

Provides the initial monitored rhythm, permitting reports generated according to initial rhythm. Such reports would be of use in assessing the survival rate after certain rhythms.

2010 KC EMS Data Standard

Flow Chart: ECG Rhythm

<u>Code</u>	<u>Code Value</u>
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King County EMS Data Dictionary

01	Sinus Rhythm
02	Asystole
03	PEA
04	Other
05	Atrial Fibrillation
11	Ventricular Fibrillation
12	Ventricular Tachycardia
U0	Unknown

KC EMS Data Repository

PatientFlowChart.FC_ECGRhythmID

Flow Chart: Glucometry

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Glucometry is a minimally invasive technique for measuring the concentration of glucose in the blood. Please record your initial and final (after any treatments) blood glucose readings in mg/dl.

2010 KC EMS Data Standard

Flow Chart: Glucometry

KC EMS Data Repository

PatientFlowChart.FC_Glucose

Flow Chart: IV Fluids Administered

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicate the type of IV fluids administered.

Rationale

Intended to provide planners and educators with information about what types of IV fluids are used, when and for what indications.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Flow Chart: IV Fluids Administered

<u>Code</u>	<u>Code Value</u>
1	Ringers
2	D5W
3	Saline Solution
4	Bicarbonate

Flow Chart: IV Fluids Mechanism

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicate the mechanism by which IV fluids were administered.

Rationale

Intended to provide planners and educators with information about IV locations, their frequency and for what indications they are used. Also, will be valuable to track numbers of IVs per individual paramedic.

2010 KC EMS Data Standard

Flow Chart: IV Fluids Mechanism

<u>Code</u>	<u>Code Value</u>
1	IV-Central Line
2	IV-Peripheral Line
3	Intraosseous Line

Flow Chart: Medications Admin. by EMS Personnel

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Medications given to patient by EMS personnel. Medications shaded gray in the table are no longer used by King County agencies.

Rationale

Intended to provide planners and educators with information about which drugs are administered in the field, by whom, and for what indications.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Flow Chart: Medications Admin. by EMS Personnel

<u>Code</u>	<u>Code Value</u>
67	Acetaminophen (Tylenol)
1	Activated Charcoal
2	Adenosine (Adenocard)
3	Albuterol
4	Alcain
30	Alprazolam (Xanax)
31	Amatriptyline (Elavil)
69	Aminophylline
32	Amoxapine (Asendin)
5	Aspirin
6	Atropine Sulfate
8	Bretylium (Bretylol)
9	Calcium Chloride
33	Cimetidine (Tagamet)
34	Cisapride (Propulsid)
35	Codeine
36	Cyanide Antidote
37	Darvocet
38	Demerol
10	Dextrose (50%)
68	Diastat Acudial
28	Diazepam (Valium)
39	Dilaudid
11	Diltiazem HCL (Cardizem)
7	Diphenhydramine (Benadryl)
12	Dopamine
40	Doxepin
62	Epinephrine (racemic)
13	Epinephrine 1:1000
14	Epinephrine 1:10000
63	Etomidate (Amidate)
41	Fluozetine (Prozac)
17	Furosemide (Lasix)
15	Glucagon (Glucose Paste)
42	Hydrocodone (Lortab)
43	Imipramine (Tofranil)
16	Ipecac
64	Ipratropim Bromide (Atrovent)
61	Isoetharine (Bronkosol)
44	Isoproterenol (Isuprel)
65	Labetalol (Trandate)
18	Levophed (norepinephrine)
19	Lidocaine Bolus
20	Lidocaine Drip
77	Lidocaine - Viscous
22	Magnesium Sulfate
66	Mark I antidote kit
72	Metoprolol

King County EMS Data Dictionary

21	Morphine
23	NaCl 0.9% inj.
24	Naloxone (Narcan)
45	Nitroglycerin
25	Nitronox
46	Nortriptyline (Pamelor)
73	Ondansetron (Zofran)
74	Oral Glucose
47	Oxycodone
48	Oxytocin (Pitocin)
49	Pancuronium
50	Percodan
51	Phenobarbital
52	Procainamide (Pronestyl)
53	Promethazine (Phenergan)
54	Propranolol (Inderal)
70	Quelicin
55	Rantidine (Zantac)
75	Rocuronium (Zemuron)
26	Sodium Bicarbonate
56	Succinylcholine (Anectine)
71	Tetracaine
76	Terbutaline
27	Thiamine
57	Tiagabine (Gabitril)
28	Valium (Diazepam)
58	Valproic acid (Depakote)
60	Vecuronium (Norcuron)
29	Ventolin
59	Verapamil (Isoptin)
99	Other medication

XX	No Longer Used by KC Agencies
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Flow Chart: O2 Mechanism

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

Indicate the mechanism for how O2 was provided to the patient.

Rationale

Intended to provide planners and educators with information about how oxygen is administered in the field, by whom, and for what indications.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Flow Chart: O2 Mechanism

<u>Code</u>	<u>Code Value</u>
1	Non-rebreather
2	Nasal Cannula
3	Bag Valve Mask
4	Blow-By
5	Other (see Narrative)

Flow Chart: O2 Volume

CAD Data

No

ALS Only?

No

Field Type

Decimal

Field Length

Default Value

Definition

Flow volume for initial O2 provided to the patient, in liters/min.

Rationale

Intended to provide planners and educators with information about when and how much oxygen is administered in the field, by whom, and for what indications.

2010 KC EMS Data Standard

Flow Chart: O2 Volume

KC EMS Data Repository

PatientFlowChart.FC_OxygenRate

Flow Chart: Pulse Oximetry

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Pulse oximetry is a simple non-invasive method of monitoring the percentage of hemoglobin (Hb) which is saturated with oxygen. Record the patient's pulse oximetry as a percentage, using numbers only. Values can range from 0 to 100.

Rationale

Need to track for medical control purposes.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Flow Chart: Pulse Oximetry

KC EMS Data Repository

PatientFlowChart.FC_PulseOximetry

Flow Chart: Pulse Rate

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicate patient's palpated or auscultated pulse rate expressed in number per minute. Leave blank if no pulse rate was obtained. The pulse must be palpated or auscultated. An electrical rhythm is not sufficient, as the patient could have electromechanical dissociation.

Business Rules

Conditionally required if there is a patient.

Rationale

The pulse rate is a component of various triage scoring systems, and permits a rough assessment of the severity of illness of the patient.

2010 KC EMS Data Standard

Flow Chart: Pulse Rate

KC EMS Data Repository

PatientFlowChart.FC_PulseRate

Flow Chart: Respiratory Rate

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Unassisted patient respiratory rate expressed as respirations per minute.

Business Rules

Conditionally required if there is a patient.

King County EMS Data Dictionary

Rationale

Component of several triage scoring systems and provides some assessment of severity of illness or injury.

2010 KC EMS Data Standard

Flow Chart: Respiratory Rate

Notes: Enter respiratory rate or appropriate code associated with code value in field.

<u>Code</u>	<u>Code Value</u>
888	Not obtained
999	Unknown

KC EMS Data Repository

PatientFlowChart.FC_RespiratoryRate

Flow Chart: Systolic Blood Pressure

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

The first systolic blood pressure observed, in mm of Hg.

NOTE: If diastolic was measured by palpation enter P. If blood pressure was measured by doppler, enter D. (I.e. 170/P or 132/D)

Business Rules

Conditionally required if there is a patient.

Rationale

Important component for assessing the severity of the problem and how rapidly the patient's condition is changing.

2010 KC EMS Data Standard

Flow Chart: Systolic Blood Pressure

KC EMS Data Repository

PatientFlowChart.FC_SystolicBP

Flow Chart: Vital Signs Posture

King County EMS Data Dictionary

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length**Default Value****Definition**

Indicate whether the patient is prone, seated or standing at the time the vital sign(s) were taken. Vital signs include blood pressure and pulse rate.

Rationale

An assessment tool to determine if a patient is in shock or not.

2010 KC EMS Data Standard**Flow Chart: Vital Signs Posture**

<u>Code</u>	<u>Code Value</u>
1	Prone or Supine
2	Seated
3	Standing

Geocode

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length**Default Value****Definition**

Ascertain the correct King County EMS geocode from your geocode map. The code is numeric only and is up to four digits long. Enter '9999' if unknown or undeterminable.

Rationale

Valuable for determining locations and frequencies of calls and call types. Valuable for determining where to place new stations or certain types of apparatus and equipment.

2010 KC EMS Data Standard**Geocode****KC EMS Data Repository****Incident.Geocode**

Glasgow Coma Eye Opening Component

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length**Default Value**

King County EMS Data Dictionary

Definition

Patient's eye opening component of the Glasgow coma scale.

Business Rules

Essential for trauma patients, desired for head bleeds, neurological patients, and drug reactions or overdoses. Optional for other patients.

Rationale

One of three components of the Glasgow Coma scale, which is widely used to assess neurological status. 2010 KC EMS Data Standard

Glasgow Coma Eye Opening Component

<u>Code</u>	<u>Code Value</u>
1	None
2	Opens eyes in response to painful stimulation
3	Opens eyes in response to verbal stimulation
4	Opens eyes spontaneously

KC EMS Data Repository

PatientTreatment.GCEye

Glasgow Coma Motor Response

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Patient's motor component of the Glasgow coma scale.

Business Rules

Essential for trauma patients, desired for head bleeds, neurological patients, and drug reactions or overdoses. Optional for other patients.

Rationale

One of three components of the Glasgow Coma scale, which is widely used to assess neurological status.

2010 KC EMS Data Standard

Glasgow Coma Motor Response

<u>Code</u>	<u>Code Value</u>
1	None
2	Extensor posturing in response to painful stimulation
3	Flexor posturing in response to painful stimulation

King County EMS Data Dictionary

4	General withdrawal in response to painful stimulation
5	Localization of painful stimulation
6	Obeys commands with appropriate motor response

KC EMS Data Repository

PatientTreatment.GCMotor

Glasgow Coma Score (Total)

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Glasgow Coma Score (GCS) is a standardized system for assessing response to stimuli in a neurologically impaired patient. Reaction scores are in numerical values.

The total GCS is obtained by adding the three component scores:

- eye opening
- motor response
- verbal response

All three scores must be present to calculate a valid GCS score.

Generally, brain injury is classified as:

- Severe, with GCS <= 8
- Moderate, GCS from 9 -12
- Minor, GCS >= 13

Business Rules

Essential for trauma patients, desired for head bleeds, neurological patients, and drug reactions or overdoses. Optional for other patients.

Rationale

Provides information about severity of neurologic disorder.

2010 KC EMS Data Standard

Glasgow Coma Score (Total)

KC EMS Data Repository

PatientTreatment.GCTotalScore

King County EMS Data Dictionary

Glasgow Coma Verbal Response

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length**Default Value****Definition**

Patient's verbal component of the Glasgow coma scale. Important for certain trauma cases and other neurological conditions.

Business Rules

Essential for trauma patients, desired for head bleeds, neurological patients, and drug reactions or overdoses. Optional for other patients.

Rationale

One of three components of the Glasgow Coma scale, which is widely used to assess neurological status.

2010 KC EMS Data Standard**Glasgow Coma Verbal Response**

<u>Code</u>	<u>Code Value</u>
1	None
2	Incomprehensible
3	Inappropriate words
4	Confused conversation or speech
5	Oriented and appropriate speech

KC EMS Data Repository

PatientTreatment.GCVerbal

Highest Level of Care Provided

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

1

Default Value**Definition**

Highest level of care received by the patient at the scene.

2010 KC EMS Data Standard**Highest Level of Care Provided**

Notes: NFIRS level of care field. Currently this is an optional field. This field is useful in determining if a patient was treated by paramedics or not.

King County EMS Data Dictionary

<u>Code</u>	<u>Code Value</u>
1	First responder
2	BLS (EMT-Basic)
3	BLS (EMT-Intermediate)
4	ALS (EMT-Paramedic)
N	No training
O	Other health care provider, including doctors, nurses, etc.

KC EMS Data Repository

PatientTreatment.HighLevelCareReceived

Incident Address

CAD Data

Yes

ALS Only?

No

Field Type

Character

Field Length

75

Default Value

Definition

Address, patient transfer point, or location where patient was found, or, if no patient, address to which unit responded.

Rationale

Provides location of incident, which can be used to determine the appropriate level of EMS resources for specific areas. Can also be used to identify locations that frequently utilize EMS.

2010 KC EMS Data Standard

Incident Address

Incident Apartment

Incident Street Name

Incident Street Number

Incident Street Prefix

Incident Street Suffix

Incident Street Type

KC EMS Data Repository

King County EMS Data Dictionary

Incident.IncidentAddress

Incident.IncidentApartment

Incident.IncidentStreetName

Incident.IncidentStreetNumber

Incident.IncidentStreetPrefix

Incident.IncidentStreetSuffix

Incident.IncidentStreetType

Incident City

CAD Data

Yes

ALS Only?

No

Field Type

Character

Field Length

30

Default Value

Definition

City (if applicable) where patient was found or to which unit responded.

Rationale

Provides a means of aggregating EMS incidents by city, which allows for reports concerning EMS activities by city.

2010 KC EMS Data Standard

Incident City

KC EMS Data Repository

Incident.IncidentCity

Incident County

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

30

Default Value

Definition

County incident took place in.

Rationale

King County EMS Data Dictionary

Provides a means of aggregating EMS incidents by county, which allows reports concerning county wide EMS activities.

2010 KC EMS Data Standard

Incident County

KC EMS Data Repository

Incident.IncidentCounty

Incident Date

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Date of the Incident, as mm/dd/yyyy. The Incident date is part of the primary key for all tables.

2010 KC EMS Data Standard

Incident Date

KC EMS Data Repository

Incident.IncidentDate

Incident Number

CAD Data

Yes

ALS Only?

No

Field Type

DateTime

Field Length

Default Value

Definition

Agency incident number as assigned by CAD. Used as part of the primary key in all tables.

2010 KC EMS Data Standard

Incident Number

KC EMS Data Repository

King County EMS Data Dictionary

Incident.IncidentNumber

Incident State

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

2

Default Value

WA

Definition

State incident occurred in. Information to be generated from other sources, not to be filled in by EMS personnel unless the incident occurred outside of the state of Washington.

Rationale

Provides a means of aggregating EMS incidents by state, which allows reports concerning statewide EMS activities.

2010 KC EMS Data Standard

Incident State

Notes: Enter standard postal code abbreviation.

<u>Code</u>	<u>Code Value</u>
AK	ALASKA
AL	ALABAMA
AR	ARKANSAS
AS	AMERICAN SAMOA
AZ	ARIZONA
CA	CALIFORNIA
CO	COLORADO
CT	CONNECTICUT
DC	DISTRICT OF COLUMBIA
DE	DELAWARE
FL	FLORIDA
FM	FEDERATED STATES OF MICRONESIA
GA	GEORGIA
GU	GUAM
HI	HAWAII
IA	IOWA
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
MA	MASSACHUSETTS
MD	MARYLAND
ME	MAINE

King County EMS Data Dictionary

MH	MARSHALL ISLANDS
MI	MICHIGAN
MN	MINNESOTA
MO	MISSOURI
MP	NORTHERN MARIANA ISLANDS
MS	MISSISSIPPI
MT	MONTANA
NC	NORTH CAROLINA
ND	NORTH DAKOTA
NE	NEBRASKA
NH	NEW HAMPSHIRE
NJ	NEW JERSEY
NM	NEW MEXICO
NV	NEVADA
NY	NEW YORK
OH	OHIO
OK	OKLAHOMA
OR	OREGON
PA	PENNSYLVANIA
PR	PUERTO RICO
PW	PALAU
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
UT	UTAH
VA	VIRGINIA
VI	VIRGIN ISLANDS
VT	VERMONT
WA	WASHINGTON
WI	WISCONSIN
WV	WEST VIRGINIA
WY	WYOMING

KC EMS Data Repository

Incident.IncidentState

Incident Type (NFIRS)

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

4

Default Value

Definition

NFIRS Incident Type Code from the NFIRS Basic Module. This information will help us in characterizing responses as EMS or Fire.. Agencies collecting data electronically can use the Incident Type to code cancelled calls at the incident level, thus simplifying data entry and negating the need to create any 'empty' patient records. The EMS codes (using code+1) have been standardized across the county.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Incident Type (NFIRS)

Notes: NFIRS Incident Type Code from the NFIRS Basic Module. This information will help us in characterizing responses as EMS or Fire.

<u>Code</u>	<u>Code Value</u>
300	Rescue, emergency medical call (EMS) call, other
311	Medical assist, assist EMS crew
3110	No Injury or Illness
3111	Patient Assist
3112	Patient Assisted by Other Agency
3113	Patient Gone on Arrival
3114	Patient Transport
3115	Assisted Medics
3116	Assisted Other EMS Agency
3117	Cancelled at Scene
3119	EMS call, unintentional medical alert activation
320	Emergency medical service, other
321	EMS call, excluding vehicle accident with injury
3210	EMS call, Other Accident/Trauma
3211	EMS call, Medical
3214	EMS call, Vehicle accident with no injuries (patient record allowed)
3215	EMS call, intentionally delayed dispatch
3217	EMS call, Flu-like symptoms
322	Vehicle accident with injuries
323	Motor vehicle/pedestrian accident (MV Ped)
324	Motor vehicle accident with no injuries (no patient record allowed)
6113	EMS call, Dispatched & cancelled enroute

KC EMS Data Repository

Incident.IncidentType

Notes: This maps to the NFIRS Incident Type field.

Incident User Defined Field 1

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Incident User Defined Field 1

KC EMS Data Repository

Incident.IncidentUDF1

Incident User Defined Field 2

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 2

KC EMS Data Repository

Incident.IncidentUDF2

Incident User Defined Field 3

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Incident User Defined Field 3

KC EMS Data Repository

Incident.IncidentUDF3

Incident User Defined Field 4

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 4

KC EMS Data Repository

Incident.IncidentUDF4

Incident User Defined Field 5

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 5

King County EMS Data Dictionary

KC EMS Data Repository

Incident.IncidentUDF5

Incident User Defined Field 6

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard.

2010 KC EMS Data Standard

Incident User Defined Field 6

KC EMS Data Repository

Incident.IncidentUDF6

Incident User Defined Field 7

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 7

KC EMS Data Repository

Incident.IncidentUDF7

King County EMS Data Dictionary

Incident User Defined Field 8

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 8

KC EMS Data Repository

Incident.IncidentUDF8

Incident User Defined Field 9

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 9

KC EMS Data Repository

Incident.IncidentUDF9

Incident User Defined Field 10

King County EMS Data Dictionary

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
25

Default Value

Definition

Definition will depend on what information is being gathered.

Rationale

Used for special studies by KC EMS, or for agency use in collecting locally desired information not part of the data standard. Usage should be coordinated through KC EMS.

2010 KC EMS Data Standard

Incident User Defined Field 10

KC EMS Data Repository

Incident.IncidentUDF10

Incident Zip Code

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
25

Default Value

Definition

Zip code where patient was found or where unit responded.

Rationale

Useful for determining the number of incidents or types of incidents for a specific zip code or possibly a range of zip codes if that is desired.

2010 KC EMS Data Standard

Incident Zip Code

KC EMS Data Repository

Incident.IncidentZipCode

Incident (Initial) Dispatch Code (IDC)

CAD Data

ALS Only?

Field Type

Field Length

Default Value

King County EMS Data Dictionary

Yes No Character 5

Definition

The initial (incident) dispatch code (IDC) should be obtained from the dispatch center that dispatched your unit. This code comes directly from the Criteria Based Dispatch (CBD) guidelines implemented countywide. CBD is an Emergency Medical Dispatch triage program that is based on patient signs and symptoms collected by 911 dispatchers. Comparing the patients' initial signs/symptoms at the time of the call to the field report findings allows for the review of dispatch accuracy. Over the years these findings have provided an excellent avenue to adjust dispatch criteria, creating better patient care and more efficient resource utilization.

If no IDC is given or obtainable, leave blank, or use 88X8 for Never Received from Dispatch Center. These codes should not be modified, and even invalid IDCs should be passed through from Dispatch to KC EMS, and we will report errors or missing data back to the dispatch centers for corrective action.

Rationale

Most valuable for comparing the actual findings once the EMS crew arrived on scene to the incident dispatch code. This will help dispatchers fine tune the process they use to determine what resources are needed and over time may make them more accurate in dispatching units to the scene.

2010 KC EMS Data Standard

Initial (Incident) Dispatch Code

Notes: Starting January 1st, 2006, dispatch centers will use a 'Q' code to denote a 'request from scene' for an ALS unit by the BLS unit at the scene. This 'Q' will replace the 'R' code in the Incident Dispatch Code for that incident. When reviewing IDC data from the KCEMS Data Repository, an 'X' code is used to designate that part of the IDC is missing or invalid. Please see the current [King County Criteria Based Dispatch Guidelines](#) for the current Incident Dispatch Codes. A copy of the current CBD Guidelines are available at each fire station and medic quarters in King County, and each agency's Training Officer also has a copy.

KC EMS Data Repository

Incident.InitialDispatchCode

Initial ECG Rhythm

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	2	

Definition

Initial monitored cardiac rhythm as interpreted by EMS personnel.

2010 KC EMS Data Standard

Initial ECG Rhythm

Notes: These codes are NFIRS compliant code + 1 codes.

King County EMS Data Dictionary

<u>Code</u>	<u>Code Value</u>
01	Sinus Rhythm
02	Asystole
03	PEA
04	Other
05	Atrial Fibrillation
11	Ventricular Fibrillation
12	Ventricular Tachycardia
U0	Unknown

KC EMS Data Repository

PatientTreatment.InitialECGRhythmID

Location Type

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

2

Default Value

Definition

Type of location for an incident. This location refers to the location where the injury occurred, not necessarily the origin of the transport.

Rationale

Location type of the incident is important for epidemiologists as well as EMS planners. When paired with incident types may be very useful for directing prevention programs to specific locations or populations.

2010 KC EMS Data Standard

Location Type

<u>Code</u>	<u>Code Value</u>	<u>Definition</u>
01	Home/Residence	Includes: Apartment, Boarding house, Sorority house, fraternity house, barracks, dormitory, Farm house, Home premises, House (residential), Non-institutional place of residence, Private: driveway, garage, garden, home or walk, Swimming Pool in private house or garden, Yard of home. Excludes: home under construction but not yet occupied or institutional place of residence
02	Farm	Farm: buildings, land under cultivation. Excludes: farm house and home premises of farm.
03	Mine/Quarry	Gravel pit, Sand pit, Tunnel under construction
04	Industrial Place	Building under construction, Dockyard, Dry dock, Factory building or premises, Garage (place of work), Industrial yard, Loading platform (factory) (store), Plant, industrial, Railway yard, Shop (place of work), Warehouse,

King County EMS Data Dictionary

		Workhouse
05	Recreation or Sports Facility	Amusement park, Baseball field, Basketball court, Beach resort, Cricket ground, Fives court, Football or soccer field, Golf course, Gymnasium, Hockey field, Holiday camp, Ice palace, Lake resort, Mountain resort, Playground, including school playground, Public park, Race course, Resort NOS, Riding school, Rifle range, Seashore resort, Skating rink, Sports ground, Sports palace, Stadium, Swimming pool, public, Tennis court, Vacation resort. Excludes: that in private house or garden
06	Adult Family Home	Residential homes licensed to care for up to six residents. They provide room, board, laundry, necessary supervision, assistance with activities, personal care, and social services.
07	Nursing Home	Facility that provides 24-hour supervised nursing care, personal care, therapy, supervised nutrition, organized activities, social services, room, board, and laundry.
08	Medical Facility	Hospital, Hospices, Medical clinics, clinic-type infirmary, Doctor, dentist or oral surgeon's office, hemodialysis centers
09	Street	Residential street, road, or residential driveway, street or road in commercial area
10	Highway	Highway or divided highway
11	Public Building	Building (including adjacent grounds) used by the general public or by a particular group of the public, such as: Airport, bank, café, casino, church, cinema, clubhouse, courthouse, dance hall, garage building (for car storage), hotel, market (grocery or other commodity), movie house, music hall, nightclub, office, office building, opera house, post office, public hall, radio broadcasting station, restaurant, shop (commercial), station (bus) (railway), store, theater. Excludes: home garage, industrial building or workplace
12	Educational Institution	Schools (private or public), such as: High school, Jr. high school, Middle school, Elementary school, University or college, Adult education center, college classrooms, vocational-technical school, pre-schools, daycares
13	Other location	Beach NOS, canal, caravan site NOS derelict house, desert, dock, forest, harbor, hill, lake NOS, mountain, parking lot, parking place, pond or pool (natural), prairie, public place NOS, railway line, reservoir, river, seas seashore NOS, stream, swamp, trailer court, woods
99	Unknown	The location of the incident is not known.

KC EMS Data Repository

Incident.LocationTypeID

Mass Casualty Incident

King County EMS Data Dictionary

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicates if existing EMS resources were overwhelmed and event was considered an MCI.

Rationale

Allows for documentation of MCIs.

2010 KC EMS Data Standard

Mass Casualty Incident

<u>Code</u>	<u>Code Value</u>
1	Yes
2	No

KC EMS Data Repository

PatientTreatment.MassCasualtyIncident

Master Incident Number

CAD Data

Yes

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Indicates unique number generated by the dispatch center for each incident. Can be used to link all responding EMS agencies to an incident, as well as total resources and patients. Very important data element to receive from future CAD systems or RMS feeds.

Rationale

Not yet available to all the EMS agencies, but we are adding this data element in anticipation of its availability.

2010 KC EMS Data Standard

Master Incident Number

KC EMS Data Repository

Incident.MasterIncidentNumber

King County EMS Data Dictionary

Medical Facility Contacted Name

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

50

Default Value

Definition

Name of medical facility contacted. Leave blank if no facility contacted.

Business Rules

If medical facility contacted

Rationale

Documentation for treatment authorization.

2010 KC EMS Data Standard

Medical Facility Contacted Name

KC EMS Data Repository

PatientTreatment.MedicalFacilityContactName

Medical Person Contacted Name

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

50

Default Value

Definition

Name of the medical person contacted. Leave blank if no person contacted.

Business Rules

If medical person contacted

Rationale

Documentation for treatment authorization.

2010 KC EMS Data Standard

Medical Person Contacted Name

KC EMS Data Repository

PatientTreatment.MedicalPersonContactName

King County EMS Data Dictionary

MIRF Number

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length**Default Value****Definition**

The pre-printed unique number on each paper Medical Incident Report Form (MIRF) (the 'Long Form' and the 'Short Form').

Rationale

This unique number on the paper forms is currently being tested as a means to link pre-hospital and hospital (ED) data (i.e., it is being used as a patient identifier).

2010 KC EMS Data Standard

MIRF Number

KC EMS Data Repository

PatientTreatment.MIRFNumber

Narrative

CAD Data

No

ALS Only?

No

Field Type

Text

Field Length**Default Value****Definition**

Complete for each patient. Use the S.O.A.P. format. Include all useful information on the type of incident, patient examination, and therapy.

SOAP Format

Subjective: What you were told regarding the patient. What you learn from the patient, bystanders or witnesses. Briefly tell the story of what happened, including major symptoms and complaints described by the patient. Should include mechanism of injury, medical history, and medications.

Objective: What your examination tells you about the patient. Vital signs, race, sex, results of physical assessments. What is observed. The objective section documents your physical exam. It should focus on the chief complaint and reflect a systemic physical exam.

Assessment: Your best guess about the patient's medical condition. Not a diagnosis but your impressions about the patient's condition.

Plan: What you have done to address the assessed conditions. Use this section to describe in explicit detail all the actions you have taken. Document all treatment given to the patient and indicate any changes or reactions caused by the treatment.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Narrative

KC EMS Data Repository

PatientTreatment.Narrative

Onset of Symptoms

CAD Data

No

ALS Only?

No

Field Type

DateTime / Character

Field Length

Default Value

Definition

Estimated elapsed time from onset of CHEST PAIN or STROKE symptoms to arrival of EMS personnel, as reported by patient or other reporting person, recorded as Days, HH, and MM.

Rationale

Valuable to determine how quickly aid is requested when a medical emergency occurs. In the future we may be able to influence the public to call for help earlier when it is appropriate to do so.

2010 KC EMS Data Standard

Date Time Onset of Symptoms

Notes: Onset of Symptoms may be collected as a Date Time field in some systems. The Data Repository will contain fields for both elapsed time and a Date Time field.

Onset of Symptoms Elapsed Time

Notes: Elapsed time from symptoms start to the treatment by the EMS personnel. Collect as DD HH MM of elapsed time. An alternative way to collect this information is to record the DateTime of symptom start (see Date Time Onset of Symptoms).

KC EMS Data Repository

PatientTreatment.DTOnsetSymptoms

PatientTreatment.OnsetSymptomsElapsedTime

Outside Agency Incident Number

CAD Data

Yes

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

King County EMS Data Dictionary

Definition

Incident numbers for outside agencies providing mutual aid to an incident.

Rationale

One method for keeping track of who is providing mutual aid, how frequently and for whom.

2010 KC EMS Data Standard

Outside Agency Incident Number

KC EMS Data Repository

Incident.OutsideAgencyIncidentNumber

Paramedics Cease Resuscitation On Arrival

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicate if resuscitation was ceased by paramedics upon arrival on scene.

Rationale

Allows for verification of cessation of CPR by paramedics upon arrival.

2010 KC EMS Data Standard

Paramedic Cease Resuscitation On Arrival

<u>Code</u>	<u>Code Value</u>
1	Yes
2	No
3	Unknown

KC EMS Data Repository

PatientTreatment.ParamedicsCeaseResuscitation

Patient Age

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

King County EMS Data Dictionary

Definition

If age is unknown make an estimate. If a child is less than two years old, enter number of months, or days, whichever is appropriate. Do not enter months if the patient is two years of age or older.

Business Rules

Estimate age if unable to determine age through other means.

Rationale

Valuable in the absence of a date of birth. Age information permits linkage to other files, and is useful to those interested in patterns of emergency medical problems in different age groups.

2010 KC EMS Data Standard

Patient Age

KC EMS Data Repository

Patient.PatientAge

Patient Age Units

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

The units of age recorded for the patient. Typically systems will use '1 – Years' as a default in their RMS.

2010 KC EMS Data Standard

Patient Age Units ID

<u>Code</u>	<u>Code Value</u>
1	Years
2	Months
3	Days
4	Hours
5	Minutes

KC EMS Data Repository

Patient.PatientAgeUnitsID

King County EMS Data Dictionary

Patient City

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value**Definition**

Patient city or township of residence (if applicable).

2010 KC EMS Data Standard

Patient City

KC EMS Data Repository

Patient.PatientCity

Patient County

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

20

Default Value

King County

Definition

County where patient resides.

Other Resource -- INFO GATHERED FROM OTHER RESOURCES. How is unknown at this time.

2010 KC EMS Data Standard

Patient County

KC EMS Data Repository

Patient.PatientCounty

Patient Date of Birth

CAD Data

No

ALS Only?

No

Field Type

DateTime

Field Length**Default Value****Definition**

MM,DD,YYYY If you are unable to obtain the patient's date of birth leave it blank.

King County EMS Data Dictionary

Rationale

Very valuable for probabilistic linkage and calculation of accurate age information. For linkage it is much more powerful than the numeric age.

2010 KC EMS Data Standard

Patient Date of Birth

KC EMS Data Repository

Patient.PatientDOB

Patient First Name

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

20

Default Value

Definition

Enter the first name of the patient. If the patient's first name is unknown, write "unknown".

Rationale

Very valuable for linkage to other records for a specific patient, particularly in cases where multiple family members are involved in an accident.

2010 KC EMS Data Standard

Patient First Name

KC EMS Data Repository

Patient.PatientFirstName

Patient Gender

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

This field indicates the gender of the patient. Use Unknown for those patients whose gender is not identified.

Business Rules

Conditionally required if there is a patient.

King County EMS Data Dictionary

Rationale

Valuable for linkage to other files, and permits reporting of epidemiologic information by gender.

2010 KC EMS Data Standard

Patient Gender

<u>Code</u>	<u>Code Value</u>
1	Male
2	Female
9	Unknown

KC EMS Data Repository

Patient.PatientGenderID

Patient Health Care Provider

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

50

Default Value

Definition

Name of the patient's doctor or other health care provider/facility.

Business Rules

Pt. Doctor or PA or clinic

Rationale

Useful information for the Emergency Departments in tracking down patient records or other information.

2010 KC EMS Data Standard

Patient Health Care Provider

KC EMS Data Repository

Patient.PatientCareProvider

Patient Health Care Provider Phone Number

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

King County EMS Data Dictionary

Definition

Phone number of patient's doctor or treatment facility.

Rationale

Useful information for the Emergency Departments in tracking down patient records or other information.

2010 KC EMS Data Standard

Patient Health Care Provider Phone Number

KC EMS Data Repository

Patient.PatientCareProviderPhone

Patient Last Name

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

30

Default Value

Definition

Enter the last name of the patient. If the patient's name is unknown, write "unknown".

Rationale

Very valuable for linkage to other records for a specific patient.

2010 KC EMS Data Standard

Patient Last Name

KC EMS Data Repository

Patient.PatientLastName

Patient Mechanism Code

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

2

Default Value

Definition

Choose a code that best describes the most immediate cause of the patient's injury or illness.

Rationale

King County EMS Data Dictionary

Necessary for tracking the cause of incidents. Their frequencies, severities and also locations can be queried along with the cause to get a more complete picture of what is going on in the field. Agencies can either use the KC EMS coding or the NFIRS coding (the NFIRS coding is code+1'd from the 'Cause of Illness/Injury' data element). For those agencies that use the KC EMS Coding, they can use the numeric codes, or the two letter alpha codes ('AC', 'AN', 'AP', etc.), whichever they prefer.

2010 KC EMS Data Standard

Patient Mechanism Code KC EMS

<u>Code</u>	<u>Code Value</u>
50	Medical Illness
11	AC -- Accident (non-motor vehicle)
12	AN -- Animal
13	AP -- Aircraft
14	AS -- Assault
15	BI -- Bicycle
16	BL -- Blunt Instrument
17	BU -- Burn
18	CH -- Child Abuse
19	DR -- Drowning
35	DV -- Domestic Violence
20	ES -- Electric Shock
36	EX -- Explosives
21	FA -- Fall
37	FI -- Fireworks
22	GS -- Firearm
23	KN -- Sharp Instrument
24	MC -- Motorcycle
25	ME -- Machinery
26	MV -- Motor Vehicle
27	PV -- Pedestrian vs. Vehicle
28	SK -- Skateboard, Rollerblade
29	SP -- Sports Injury
30	ST -- Strangulation or Suffocation
31	SX -- Sexual Assault
32	XX -- Other Alarm

Patient Mechanism Code NFIRS

<u>Code</u>	<u>Code Value</u>
00F	MD -- Medical Illness
003	AC -- Accident (non-motor vehicle)
140	AN -- Animal
130	AP -- Aircraft
320	AS -- Assault
150	BI -- Bicycle
321	BL -- Blunt Instrument
220	BU -- Burn
322	CH -- Child Abuse
170	DR -- Drowning
324	DV -- Domestic Violence

King County EMS Data Dictionary

180	ES -- Electric Shock
210	EX -- Explosives
120	FA -- Fall
250	FI -- Fireworks
230	GS -- Firearm
006	KN -- Sharp Instrument
291	MC -- Motorcycle
270	ME -- Machinery
290	MV -- Motor Vehicle
300	PV -- Pedestrian vs. Vehicle
00D	SK -- Skateboard, Rollerblade
280	ST -- Strangulation or Suffocation
323	SX -- Sexual Assault
000	XX -- Other Alarm
UU0	UK -- Unknown

KC EMS Data Repository

PatientTreatment.PatientMechanismCode

PatientTreatment.PatientMechanismCodeNFIRS

Patient Medications Taken at Home

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

512

Default Value

Definition

Record the name of all prescribed medications taken by the patient at home. For those medications not in the provided list, write out the medications.

Rationale

Provides physicians one perspective on what the patient has been treated for in the past and thus some patient history that may be of incredible value.

2010 KC EMS Data Standard

Patient Medications Taken at Home

Patient Medications Taken at Home ID

<u>Code</u>	<u>Code Value</u>
1	Albuterol (Proventil)
2	Albuterol (Ventolin)
3	Alprazolam (Xanax)
4	Amatriptyline (Elavil)
5	Amoxapine (Asendin)

King County EMS Data Dictionary

6	Atenolol (Tenormin)
7	Bumetanide (Bumex)
8	Captopril (Capoten)
9	Carbamazepine (Tegretol)
10	Cimetidine (Tagamet)
11	Cisapride (Propulsid)
12	Codeine
13	Darvocet
14	Demerol
15	Digoxin (Lanoxin)
16	Dilaudid
17	Diltiazem (Cardizem)
18	Doxepin
19	Fluoxetine (Prozac)
20	Furosemide (Lasix)
21	Glipizide (Glucotrol)
22	Glyburide (Diabeta)
23	Glyburide (Micronase)
24	Hydrochlorothiazide (Hydrodiuril)
25	Hydrocodone (Lortab)
26	Imipramine (Tofranil)
27	Insulin
28	Ipratropium (Atrovent)
29	Isosorbide (Isordil)
30	Metformin (Glucophage)
31	Nitroglycerin (Nitro-stat)
32	Nortriptyline (Pamelor)
33	Oxycodone (Percocet)
34	Percodan
35	Phenobarbital
36	Phenytoin (Dilantin)
37	Procardia
38	Rantidine (Zantac)
39	Terbutaline (Brethine)
40	Theophylline (Theor-dur)
41	Tiagabine (Gabitril)
42	Triamcinolone (Azmecort)
43	Valproic acid (Depakote)
44	Verapamil (Calan)
45	Vasotec
46	Zestril
98	Unknown medication
99	Other

KC EMS Data Repository

PatientMedication.PatientMedicationsTakenID

Notes: Part of the Primary Key for the PatientMedication table.

King County EMS Data Dictionary

PatientTreatment.PatientMedicationsTakenHome

Patient Middle Initial

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
1

Default Value

Definition

Enter the middle initial of the patient.

Rationale

Very valuable for linkage to other records for a specific patient, particularly in cases where multiple family members are involved in an accident.

2010 KC EMS Data Standard

Patient Middle Initial

KC EMS Data Repository

Patient.PatientMiddleInitial

Patient Outcome

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

If known please indicate the patient's outcome for Cardiac Arrest patients ONLY.

Rationale

While often difficult to determine, it is valuable information when it is accurately known. Will be useful to tie outcomes to many other types of information to determine how effective we are at providing EMS under many different circumstances.

2010 KC EMS Data Standard

Patient Outcome

<u>Code</u>	<u>Code Value</u>
21	DOA
32	Expired at Scene
24	Admitted to ER
34	Expired at ER

King County EMS Data Dictionary

23	Admitted to Hospital
25	Unknown

KC EMS Data Repository

PatientTreatment.PatientOutcomeID

Patient Parent or Legal Guardian Name

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

40

Default Value

Definition

Enter the name of patient's Parent or Legal Guardian.

Rationale

Useful for getting a hold of responsible parties for both minor and aged patients.

2010 KC EMS Data Standard

Parent or Legal Guardian Name

KC EMS Data Repository

Patient.ParentLegalGuardian

Patient Parent or Legal Guardian Phone Number

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Enter the patient's Parent or Legal Guardian, if applicable.

2010 KC EMS Data Standard

Parent or Legal Guardian Phone Number

KC EMS Data Repository

Patient.ParentLegalGuardianPhone

King County EMS Data Dictionary

Patient Phone

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Patient's primary phone number.

2010 KC EMS Data Standard

Patient Phone

KC EMS Data Repository

Patient.PatientPhone

Patient State

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

20

Default Value

WA

Definition

State, territory, or province or District of Columbia where patient resides.

2010 KC EMS Data Standard

Patient State

Notes: Enter standard postal code abbreviation.

<u>Code</u>	<u>Code Value</u>
AK	ALASKA
AL	ALABAMA
AR	ARKANSAS
AS	AMERICAN SAMOA
AZ	ARIZONA
CA	CALIFORNIA
CO	COLORADO
CT	CONNECTICUT
DC	DISTRICT OF COLUMBIA
DE	DELAWARE
FL	FLORIDA
FM	FEDERATED STATES OF MICRONESIA
GA	GEORGIA
GU	GUAM

King County EMS Data Dictionary

HI	HAWAII
IA	IOWA
ID	IDAHO
IL	ILLINOIS
IN	INDIANA
KS	KANSAS
KY	KENTUCKY
LA	LOUISIANA
MA	MASSACHUSETTS
MD	MARYLAND
ME	MAINE
MH	MARSHALL ISLANDS
MI	MICHIGAN
MN	MINNESOTA
MO	MISSOURI
MP	NORTHERN MARIANA ISLANDS
MS	MISSISSIPPI
MT	MONTANA
NC	NORTH CAROLINA
ND	NORTH DAKOTA
NE	NEBRASKA
NH	NEW HAMPSHIRE
NJ	NEW JERSEY
NM	NEW MEXICO
NV	NEVADA
NY	NEW YORK
OH	OHIO
OK	OKLAHOMA
OR	OREGON
PA	PENNSYLVANIA
PR	PUERTO RICO
PW	PALAU
RI	RHODE ISLAND
SC	SOUTH CAROLINA
SD	SOUTH DAKOTA
TN	TENNESSEE
TX	TEXAS
UT	UTAH
VA	VIRGINIA
VI	VIRGIN ISLANDS
VT	VERMONT
WA	WASHINGTON
WI	WISCONSIN
WV	WEST VIRGINIA
WY	WYOMING

KC EMS Data Repository

Patient.PatientState

King County EMS Data Dictionary

Patient Street Address

CAD Data

Yes

ALS Only?

No

Field Type

Character

Field Length

75

Default Value

Definition

Patient's street address. If homeless, write 'NONE'. Patient Street Address comes from CAD if the response is to a patient's home.

Business Rules

Allow for exclusive option of "not applicable," "unknown", "none" or require the address.

Rationale

Valuable as a linkage tool. Also, of value to epidemiologists in determining rates of accidents or diseases for specific areas.

2010 KC EMS Data Standard

Patient Apartment

Patient Street Address

Patient Street Name

Patient Street Number

Patient Street Prefix

Patient Street Suffix

Patient Street Type

KC EMS Data Repository

Patient.PatientAddress

Notes: The street address of the patient. If an RMS uses separate fields for the parts of the address, then they should be concatenated for this field. This will not include the city, state or Zip code.

Patient.PatientApartment

Patient.PatientStreetName

Patient.PatientStreetNumber

Patient.PatientStreetPrefix

King County EMS Data Dictionary

Patient.PatientStreetSuffix

Patient.PatientStreetType

Patient Suspected Alcohol or Drug Use

CAD Data
No

ALS Only?
No

Field Type
bit

Field Length

Default Value
0

Definition

Detected smell of alcoholic beverages on the patient's breath or suspected the use of drugs. Check Yes or No for all trauma/injury incidents. If unknown or not applicable, leave blank.

Rationale

Important data element for injury research, permitting reports of value to public health researchers and policy makers.

2010 KC EMS Data Standard

Patient Suspected Alcohol or Drug Use

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.SuspectedAlcoholDrugUse

Patient Type Code

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
4

Default Value

Definition

The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management.

Rationale

Necessary for tracking types of incidents, their frequencies, severities and also locations.

2010 KC EMS Data Standard

Patient Type Code KC EMS

King County EMS Data Dictionary

<u>Code</u>	<u>Code Value</u>
	<u>Trauma</u>
110	Trauma - Head - Closed Minor Injury
111	Trauma - Head - Closed Simple / Single Fracture
112	Trauma - Head - Closed Multiple Fracture
113	Trauma - Head - Open Fracture (s)
114	Trauma - Head - Open Minor Injury
115	Trauma - Head - Open Major Injury
116	Trauma – Head – Burns
117	Trauma - Head - Closed Internal Injury
118	Trauma - Head - Injury with neurovascular or respiratory impairment
119	Trauma - Head - Severe Multiple Injury
120	Trauma - Face - Closed Minor Injury
121	Trauma - Face - Closed Simple / Single Fracture
122	Trauma - Face - Closed Multiple Fracture
123	Trauma - Face - Open Fracture
124	Trauma - Face - Open Minor Injury
125	Trauma - Face - Open Major Injury
126	Trauma—Face—Burns
127	Trauma - Face - Closed Internal Injury
128	Trauma - Face - Injury with neurovascular or respiratory impairment
129	Trauma - Face - Severe Multiple Injury
130	Trauma - Neck / Back - Closed Minor Injury
131	Trauma—Neck / Back—Closed Simple Fracture
132	Trauma - Neck / Back - Closed Multiple Fracture
133	Trauma - Neck / Back - Open Fracture
134	Trauma - Neck / Back - Open Minor Injury
135	Trauma - Neck / Back - Open Major Injury
136	Trauma - Neck / Back - Burn
137	Trauma - Neck / Back - Closed Internal Injury
138	Trauma - Neck / Back - Injury with neurovascular or respiratory impairment
139	Trauma - Neck / Back - Severe Multiple Injury
140	Trauma - Chest - Closed Minor Injury
141	Trauma - Chest - Closed Simple / Single Fracture
142	Trauma - Chest - Closed Multiple Fracture
143	Trauma - Chest - Open Fracture
144	Trauma - Chest - Open Minor Injury
145	Trauma - Chest - Open Major Injury
146	Trauma—Chest—Burns
147	Trauma - Chest - Closed Internal Injury
148	Trauma - Chest - Injury with neurovascular or respiratory impairment
149	Trauma - Chest - Severe Multiple Injury
150	Trauma - Arms - Closed Minor Injury
151	Trauma - Arms - Closed Simple / Single Fracture
152	Trauma - Arms - Closed Multiple Fracture
153	Trauma - Arms - Open Fracture
154	Trauma - Arms - Open Minor Injury
155	Trauma - Arms - Open Major Injury

King County EMS Data Dictionary

156	Trauma—Arms—Burn
157	Trauma - Arms - Closed Internal Injury
158	Trauma - Arms - Injury with neurovascular or respiratory impairment
159	Trauma - Arms - Severe Multiple Injury
160	Trauma - Legs - Closed Minor Injury
161	Trauma - Legs - Closed Simple / Single Fracture
162	Trauma - Legs - Closed Multiple Fracture
163	Trauma - Legs - Open Fracture
164	Trauma - Legs - Open Minor Injury
165	Trauma - Legs - Open Major Injury
166	Trauma—Legs—Burn
167	Trauma - Legs - Closed Internal Injury
168	Trauma - Legs - Injury with neurovascular or respiratory impairment
169	Trauma - Legs - Severe Multiple Injury
170	Trauma - Abdomen - Closed Minor Injury
171	Trauma—Abdomen—Closed—Simple/Single Fracture
172	Trauma - Abdomen - Closed Multiple Fracture
173	Trauma - Abdomen - Open Fracture
174	Trauma - Abdomen - Open Minor Injury
175	Trauma - Abdomen - Open Major Injury
176	Trauma - Abdomen - Burn
177	Trauma - Abdomen - Closed Internal Injury
178	Trauma - Abdomen - Injury with neurovascular or respiratory impairment
179	Trauma - Abdomen - Severe Multiple Injury
180	Trauma - Pelvis / Hips, Genital - Closed Minor Injury
181	Trauma - Pelvis / Hips, Genital - Closed Simple / Single Fracture
182	Trauma - Pelvis / Hips, Genital - Closed Multiple Fracture
183	Trauma - Pelvis / Hips, Genital - Open Fracture
184	Trauma - Pelvis / Hips, Genital - Open Minor Injury
185	Trauma—Pelvis / Hips, Genital—Open Major Injury
186	Trauma - Pelvis / Hips, Genital - Burn
187	Trauma - Pelvis / Hips, Genital - Closed Internal Injury
188	Trauma - Pelvis / Hips, Genital - Injury with neurovascular or respiratory impairment
189	Trauma - Pelvis / Hips, Genital - Severe Multiple Injury
190	Trauma - Multisystem - Closed Minor Injury
191	Trauma - Multisystem - Closed Simple / Single Fracture
192	Trauma - Multisystem - Closed Multiple Fracture
193	Trauma - Multisystem - Open Fracture
194	Trauma - Multisystem - Open Minor Injury
195	Trauma - Multisystem - Open Major Injury
196	Trauma - Multisystem - Burn
197	Trauma - Multisystem - Closed Internal Injury
198	Trauma - Multisystem - Injury with neurovascular or respiratory impairment
199	Trauma - Multisystem - Severe Multiple Injury
	<u>Abdominal / Genito-Urinary</u>
241	Abdominal pain
242	Internal bleeding
243	Internal bleeding with hypotention
244	Genito-urinary problem
249	Other abdominal

King County EMS Data Dictionary

	<u>Alcohol / Drug</u>
261	Adverse Reaction
262	Accidental / Poisoning
263	Withdrawal
264	Overdose
265	Accidental overdose
266	Intoxication
269	Other alcohol / drug
	<u>Anaphylaxis / Allergy</u>
201	Major Symptoms -- hypotension, SOB
202	Minor Symptoms -- rash, hives
209	Other anaphylaxis / allergy
	<u>Cardiovascular</u>
211	Hypotension / Shock
212	Suspected MI – STEMI
220	Suspected MI -- Other
213	Angina
214	CHF
215	Hypertension
216	Cardiac arrhythmia, not arrest
217	Cardiac arrest due to presumed heart disease
218	Cardiac arrest due to other causes
219	Other cardiac
	<u>Metabolic / Endocrine</u>
253	Hypoglycemia, caused by insulin
254	Hyperglycemia (>300), patient is diabetic
255	Hyperglycemia (>300), patient is not diabetic or unknown
256	Dialysis problem
259	Other metabolic (non-diabetic)
	<u>Neurological</u>
231	Seizure
232	Syncope
233	Headache
234	Suspected CVA
238	Suspected TIA
235	Coma, unknown cause
236	Decreased LOC
237	Neuromuscular symptoms
239	Other Neurologic
271	Febrile Seizure
	<u>Obstetric / Gynecological</u>
301	Active labor
302	Delivery at scene / enroute
303	Vaginal bleeding
309	Other OB / GYN

King County EMS Data Dictionary

<u>Other Medical Illnesses</u>	
272	Dehydration
274	Possible SIDS
281	Non-cardiac chest pain
282	Undefined musculo-skeletal pain
284	Fever / Infection
285	Heat illness
286	Exhaustion
287	Hypothermia
288	Frostbite
289	Post-operative complication
290	Cancer
291	Hepatic problem
292	Bleeding problem / hemophiliac / sickle cell
299	Other illness
<u>Psychiatric</u>	
401	Anxiety
402	Depression
403	Hallucination / bizarre behavior
404	Agitation / combative behavior
409	Other psychiatric
<u>Respiratory</u>	
221	Shortness of Breath
222	Choking / aspiration
223	Inhalation, gas, smoke, etc.
224	Respiratory arrest
225	Respiratory depression
226	Asthma
227	Emphysema / COPD
228	Hyperventilation
229	Other respiratory
<u>Other</u>	
501	No injury or illness
502	DOA
511	Resuscitation withheld / compelling reason

Patient Type Code NFIRS

Notes: This field is known as 'Provider Impression/Assessment' in NFIRS. If NFIRS codes are returned to KC EMS, then you must also return the 'Trauma -- Injury Type' and 'Trauma - Body Site of Injury' codes that cover trauma cases ('380'). These map into our 1XX trauma codes.

<u>Code</u>	<u>Code Value</u>
<u>Trauma</u>	
380	Trauma
<u>Anaphylaxis / Allergy</u>	

King County EMS Data Dictionary

120	AA -- Major Symptoms -- hypotension, SOB (201)
121	AA -- Minor Symptoms -- rash, hives (202)
122	AA -- Other (209)
	<u>Abdominal / Genito-urinary</u>
100	AB -- Abdominal pain (241)
230	AB -- Internal bleeding (242)
231	AB -- Internal bleeding with hypotension (243)
101	AB -- Genito-urinary problem (244)
102	AB -- Other abdominal (249)
	<u>Alcohol / Drug</u>
290	AL -- Adverse Reaction (261)
291	AL -- Accidental / Poisoning (262)
292	AL -- Withdrawal (263)
293	AL -- Overdose (264)
294	AL -- Accidental overdose (265)
295	AL -- Intoxication (266)
296	AL -- Other alcohol / drug (269)
	<u>Cardiovascular</u>
185	CV -- Hypotension / Shock (211)
180	CV -- Suspected MI – STEMI (212)
186	CV -- Suspected MI – Other (220)
181	CV -- Angina (213)
320	CV -- CHF (214)
182	CV -- Hypertension (215)
170	CV -- Cardiac arrhythmia, not arrest (216)
160	CV -- Cardiac arrest due to presumed heart disease (217)
161	CV -- Cardiac arrest due to other causes (218)
183	CV -- Other cardiac (219)
	<u>Metabolic / Endocrine</u>
192	MT -- Hypoglycemia, caused by insulin (253)
193	MT -- Hyperglycemia (>300), patient is diabetic (254)
194	MT -- Hyperglycemia (>300), patient is not diabetic or unknown (255)
195	MT – Dialysis problem (256)
003	MT -- Other endocrine (259)
	<u>Neurological</u>
330	NL -- Seizure (231)
370	NL -- Syncope (232)
220	NL -- Headache (233)
360	NL -- Suspected CVA (234)
130	NL -- Coma, unknown cause (235)
131	NL -- Decreased LOC (236)
001	NL -- Neuromuscular symptoms (237)
361	NL -- Suspected TIA (238)
002	NL -- Other Neurologic (239)
331	NL -- Febrile Seizure (271)
	<u>Obstetric / Gynecological</u>

King County EMS Data Dictionary

300	OB -- Active labor (301)
301	OB -- Delivery at scene / en route (302)
302	OB -- Vaginal bleeding (303)
303	OB -- Other OB / GYN (309)
	<u>Other Medical Illness</u>
004	OT -- Undefined musculo-skeletal pain (282)
005	OT -- Fever / Infection (284)
006	OT -- Other illness (299)
184	OT -- Non-cardiac chest pain (281)
200	OT -- Post-operative complication (289)
221	OT -- Exhaustion (286)
232	OT -- Bleeding problem / hemophiliac / sickle cell (292)
240	OT -- Heat illness (285)
251	OT -- Hypothermia (287)
252	OT -- Frostbite (288)
260	OT -- Dehydration (272)
297	OT -- Cancer (290)
298	OT -- Hepatic problem (291)
311	OT -- Possible SIDS (274)
	<u>Psychiatric</u>
140	PS -- Anxiety (401)
141	PS -- Depression (402)
142	PS -- Hallucination / bizarre behavior (403)
143	PS -- Agitation / combative behavior (404)
144	PS -- Other psychiatric (409)
	<u>Respiratory</u>
110	RS -- Choking / aspiration (222)
270	RS -- Inhalation, gas, smoke, etc. (223)
310	RS -- Respiratory arrest (224)
321	RS -- Shortness of Breath (221)
322	RS -- Respiratory depression (225)
323	RS -- Asthma (226)
324	RS -- Emphysema / COPD (227)
325	RS -- Hyperventilation (228)
326	RS -- Other respiratory (229)
	<u>Other</u>
201	XX -- DOA (502)
202	XX -- Resuscitation withheld / compelling reason (511)
NN0	XX -- No injury or illness (501)

Trauma --Body Site of Injury

Notes: This list is more granular than necessary for deriving the KC Patient Type Codes, however all codes will map to a KC Type Code (2nd digit of three digit trauma type codes) (mapping in parenthesis).

<u>Code</u>	<u>Code Value</u>
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King County EMS Data Dictionary

01	Head / Scalp (1)
02	Face (2)
03	Neck (3)
04	Shoulder (5)
05	Back / Spine (3)
06	Chest (4)
07	Abdomen (7)
08	Humerus (5)
09	Elbow (5)
10	Forearm (5)
11	Wrist (5)
12	Hand (5)
13	Hips (8)
14	Pelvis (8)
15	Genitalia (8)
16	Femur (6)
17	Knee (6)
18	Tibia / Fibula (6)
19	Ankle (6)
20	Foot (6)
99	Other / Multisystem

Trauma -- Injury Type

Notes: This is the third digit of the KC EMS trauma type codes.

<u>Code</u>	<u>Code Value</u>
0	Closed Minor Injury
1	Closed Simple / Single Fracture
2	Closed Multiple Fracture
3	Open Fracture
4	Open Minor Injury
5	Open Major Injury
6	Burn
7	Closed Internal Injury
8	Injury with Neurovascular or Respiratory Impairment

KC EMS Data Repository

PatientTrauma.PatientTraumaBodySiteID

Notes: Location of the traumatic injury. This should map to the 2nd digit of the 3-digit KC EMS Patient Type code.

PatientTrauma.PatientTraumaInjuryTypeID

Notes: The type of traumatic injury. This maps to the 3rd digit of the 3-digit KC EMS trauma PatientType code.

PatientTreatment.PatientTypeCode

King County EMS Data Dictionary

PatientTreatment.PatientTypeCodeNFIRS

Patient User Defined Field 1

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	25	

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 1

KC EMS Data Repository

Patient.PatientUDF1

Patient User Defined Field 2

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	25	

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 2

KC EMS Data Repository

Patient.PatientUDF2

Patient User Defined Field 3

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	25	

King County EMS Data Dictionary

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 3

KC EMS Data Repository

Patient.PatientUDF3

Patient User Defined Field 4

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 4

KC EMS Data Repository

Patient.PatientUDF4

Patient User Defined Field 5

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 5

KC EMS Data Repository

King County EMS Data Dictionary

Patient.PatientUDF5

Patient User Defined Field 6

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	25	

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 6

KC EMS Data Repository

Patient.PatientUDF6

Patient User Defined Field 7

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	25	

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 7

KC EMS Data Repository

Patient.PatientUDF7

Patient User Defined Field 8

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	Character	25	

King County EMS Data Dictionary

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 8

KC EMS Data Repository

Patient.PatientUDF8

Patient User Defined Field 9

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 9

KC EMS Data Repository

Patient.PatientUDF9

Patient User Defined Field 10

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

Used for collection of special studies Information. Usage of these fields should be coordinated with KC EMS.

2010 KC EMS Data Standard

Patient User Defined Field 10

KC EMS Data Repository

King County EMS Data Dictionary

Patient.PatientUDF10

Patient Zip Code

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
10

Default Value

Definition

Zip code of patient's residence.

Rationale

Research call quantity and types by area.

2010 KC EMS Data Standard

Patient Zip Code

KC EMS Data Repository

Patient.PatientZipCode

Procedure: 01 - Oxygen Administration

CAD Data
No

ALS Only?
No

Field Type
bit

Field Length

Default Value
0

Definition

Oxygen administered to patient.

Rationale

Intended to provide planners and educators with information about which procedures are conducted in the field, by whom, and for what indications.

2010 KC EMS Data Standard

Procedure: 01 - Oxygen Administration

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

King County EMS Data Dictionary

Procedure: 02 - Wound Care

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

Wound care.

2010 KC EMS Data Standard

Procedure: 02 - Wound Care

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 03 - Extrication / Rescue

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

Extrication/Rescue of the patient.

2010 KC EMS Data Standard

Procedure: 03 - Extrication / Rescue

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 04 - Splinting

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

Splinting of the patient.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Procedure: 04 - Splinting

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 05 - Bag Mask

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	bit		0

Definition

Bag Mask procedure performed.

2010 KC EMS Data Standard

Procedure: 05 - Bag Mask

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 06 - ECG Monitor

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
No	No	bit		0

Definition

ECG Monitoring of Patient.

2010 KC EMS Data Standard

Procedure: 06 - ECG Monitor

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 07 - C-Collar / Backboard

<i>CAD Data</i>	<i>ALS Only?</i>	<i>Field Type</i>	<i>Field Length</i>	<i>Default Value</i>
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King County EMS Data Dictionary

No

No

bit

0

Definition

PC-Collar applied to patient and/or patient was backboarded.

2010 KC EMS Data Standard

Procedure: 07 - C-Collar / Backboard

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 08 - CPR

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

CPR was performed by EMS personnel on the patient.

2010 KC EMS Data Standard

Procedure: 08 - CPR

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 12 - Endotracheal Intubation

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Endotracheal intubation of patient by EMS personnel.

2010 KC EMS Data Standard

Procedure: 12 - Endotracheal Intubation

<u>Code</u>	<u>Code Value</u>
1	Yes

King County EMS Data Dictionary

0	No
---	----

Procedure: 13 - IV-Central Line

CAD Data
No

ALS Only?
Yes

Field Type
bit

Field Length

Default Value
0

Definition

IV Central Line procedure performed.

2010 KC EMS Data Standard

Procedure: 13 - IV-Central Line

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 14 - IV-Peripheral Line

CAD Data
No

ALS Only?
Yes

Field Type
bit

Field Length

Default Value
0

Definition

IV - Peripheral procedure performed.

2010 KC EMS Data Standard

Procedure: 14 - IV-Peripheral Line

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 15 - Manual DC Shock by EMT

CAD Data
No

ALS Only?
No

Field Type
bit

Field Length

Default Value
0

Definition

Manual DC Shock of patient by EMT.

King County EMS Data Dictionary

2010 KC EMS Data Standard

Procedure: 15 - Manual DC Shock by EMT

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 17 - Flutter Valve

CAD Data
No

ALS Only?
Yes

Field Type
bit

Field Length

Default Value
0

Definition

Flutter Valve procedure performed.

2010 KC EMS Data Standard

Procedure: 17 - Flutter Valve

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 18 - Pericardiocentesis

CAD Data
No

ALS Only?
Yes

Field Type
bit

Field Length

Default Value
0

Definition

Pericardiocentesis procedure performed.

2010 KC EMS Data Standard

Procedure: 18 - Pericardiocentesis

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 19 - Cricothyrotomy

King County EMS Data Dictionary

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Cricothyrotomy procedure performed.

2010 KC EMS Data Standard

Procedure: 19 - Cricothyrotomy

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 21 - Automatic DC Shock by EMT

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

Automatic DC Shock of patient by EMT.

2010 KC EMS Data Standard

Procedure: 21 - Automatic DC Shock by EMT

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 22 - Intraosseous Line

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Intraosseous Line procedure performed.

2010 KC EMS Data Standard

Procedure: 22 - Intraosseous Line

King County EMS Data Dictionary

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 24 - First Responder DC Shock

CAD Data	ALS Only?	Field Type	Field Length	Default Value
No	No	bit		0

Definition

First Responder applied DC Shock to patient.

2010 KC EMS Data Standard

Procedure: 24 - First Responder DC Shock

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 25 - AED Attached / No Shock

CAD Data	ALS Only?	Field Type	Field Length	Default Value
No	No	bit		0

Definition

AED attached to patient but no shock was applied.

2010 KC EMS Data Standard

Procedure: 25 - AED Attached / No Shock

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 27 - Jet Insufflation

CAD Data	ALS Only?	Field Type	Field Length	Default Value
No	Yes	bit		0

King County EMS Data Dictionary

Definition

Jet Insufflation procedure performed.

2010 KC EMS Data Standard

Procedure: 27 - Jet Insufflation

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 29 - EpiPen Used

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

0

Default Value

0

Definition

EpiPens administration by EMS personnel in the field. The EpiPen Auto-Injector is a disposable drug delivery system with a spring-activated, concealed needle. It is designed for emergency self-administration to provide rapid, convenient first-aid for individuals with potentially fatal allergic reactions.

Rationale

Need to track for medical control purposes.

2010 KC EMS Data Standard

Procedure: 29 - EpiPen Used

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 31 - Glucometry

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

0

Default Value

0

Definition

Glucometry is a minimally invasive technique for measuring the concentration of glucose in the blood. Please record your initial and final (after any treatments) blood glucose readings in mg/dl.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Procedure: 31 - Glucometry

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 36 – 12-lead ECG

CAD Data	ALS Only?	Field Type	Field Length	Default Value
No	Yes	bit		0

Definition

Indicate if a 12-lead ECG was used.

2010 KC EMS Data Standard

Procedure: 36 – 12-lead ECG

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 37 – End-Tidal CO2/Capnography

CAD Data	ALS Only?	Field Type	Field Length	Default Value
No	Yes	bit		0

Definition

Indicate if end tidal CO2 was measured. Allows verification of tube placement.

2010 KC EMS Data Standard

Procedure: 37 – End Tidal CO2/Capnography

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 38 – Personal Safety Equipment - Mask

CAD Data	ALS Only?	Field Type	Field Length	Default Value
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King County EMS Data Dictionary

No

No

bit

0

Definition

Indicate if a personal safety Mask was used during this incident.

2010 KC EMS Data Standard

Procedure: 38 – Personal Safety Equipment-Mask

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

Procedure: 39 – Personal Safety Equipment – Gown / Apron

CAD Data

No

ALS Only?

No

Field Type

bit

Field Length

Default Value

0

Definition

Indicate if a personal safety gown or apron was used during this incident.

2010 KC EMS Data Standard

Procedure: 39 – Personal Safety Equipment - Gown / Apron

<u>c</u>	<u>Code Value</u>
1	Yes
0	No

Property Use

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

4

Default Value

Definition

The location of the incident as reported to NFIRS using the Property Use field.

Rationale

The location of the incident is important for epidemiologists as well as EMS planners. When paired with incident types may be very useful for directing prevention programs to specific locations or populations.

2010 KC EMS Data Standard

King County EMS Data Dictionary

Property Use

Notes: *Property Use* is an NFIRS data field that is mapped to the KC EMS Location Type field for those agencies that collect Property Use data (and report to NFIRS). Agencies collecting Property Use do not need to collect Location Type. Please see the table below for the current translation of the Property Use codes to Location Type.

<u>Code</u>	<u>Code Value</u>	<u>Mapping to Location Type</u>
1	Assembly	11 - Public Building
100	Assembly, other	11 - Public Building
110	Fixed-use recreation places, other	11 - Public Building
111	Bowling establishment	05 - Recreation or Sports Facility
112	Billiard center, pool hall	11 - Public Building
113	Electronic amusement center	11 - Public Building
114	Ice rink: indoor, outdoor	05 - Recreation or Sports Facility
115	Roller rink: indoor or outdoor	05 - Recreation or Sports Facility
116	Swimming facility: indoor or outdoor	05 - Recreation or Sports Facility
120	Variable-use amusement, recreation places, other	11 - Public Building
121	Ballroom, gymnasium	05 - Recreation or Sports Facility
122	Convention center, exhibition hall	11 - Public Building
123	Stadium, arena	05 - Recreation or Sports Facility
124	Playground	05 - Recreation or Sports Facility
129	Amusement center: indoor/outdoor	11 - Public Building
130	Places of worship, funeral parlors, other	11 - Public Building
131	Church, mosque, synagogue, temple, chapel	11 - Public Building
134	Funeral parlor	11 - Public Building
140	Clubs, other	11 - Public Building
141	Athletic/health club	05 - Recreation or Sports Facility
142	Clubhouse	11 - Public Building
143	Yacht Club	11 - Public Building
144	Casino, gambling clubs	11 - Public Building
150	Public or government, other	11 - Public Building
151	Library	11 - Public Building
152	Museum	11 - Public Building
154	Memorial structure, including monuments & statues	11 - Public Building
155	Courthouse	11 - Public Building
160	Eating, drinking places, other	11 - Public Building
161	Restaurant or cafeteria	11 - Public Building
162	Bar or nightclub	11 - Public Building
170	Passenger terminal, other	11 - Public Building
171	Airport passenger terminal	11 - Public Building
173	Bus station	11 - Public Building
174	Rapid transit station	11 - Public Building
180	Studio/theater, other	11 - Public Building
181	Live performance theater	11 - Public Building
182	Auditorium, concert hall	11 - Public Building
183	Movie theater	11 - Public Building
185	Radio, television studio	11 - Public Building
186	Film/movie production studio	11 - Public Building
2	Educational	12 - Educational Institution
200	Educational, other	12 - Educational Institution

King County EMS Data Dictionary

210	Schools, non-adult, other	12 - Educational Institution
211	Preschool	12 - Educational Institution
213	Elementary school, including kindergarten	12 - Educational Institution
215	High school/junior high school/middle school	12 - Educational Institution
241	Adult education center, college classroom	12 - Educational Institution
250	Day care, other (Conversion only)	12 - Educational Institution
254	Day care, in commercial property	12 - Educational Institution
255	Day care, in residence, licensed	12 - Educational Institution
256	Day care in residence, unlicensed.	12 - Educational Institution
3	Health Care, Detention & Correction	08 - Medical Facility
300	Health care, detention, & correction, other	08 - Medical Facility
311	24-hour care Nursing homes, 4 or more persons	07 - Nursing Home
3111	Adult Family Home	06 - Adult Family Home
321	Mental retardation/development disability facility	08 - Medical Facility
322	Alcohol or substance abuse recovery center	08 - Medical Facility
323	Asylum, mental institution	08 - Medical Facility
331	Hospital - medical or psychiatric	08 - Medical Facility
332	Hospices	08 - Medical Facility
340	Clinics, doctors offices, hemodialysis cntr, other	08 - Medical Facility
341	Clinic, clinic-type infirmary	08 - Medical Facility
342	Doctor, dentist or oral surgeon office	08 - Medical Facility
343	Hemodialysis unit	08 - Medical Facility
361	Jail, prison (not juvenile)	11 - Public Building
363	Reformatory, juvenile detention center	11 - Public Building
365	Police station	11 - Public Building
4	Residential	01 - Home / Residence
400	Residential, other	01 - Home / Residence
419	1 or 2 family dwelling	01 - Home / Residence
429	Multifamily dwelling	01 - Home / Residence
439	Boarding/rooming house, residential hotels	01 - Home / Residence
449	Hotel/motel, commercial	13 - Other location
459	Residential board and care	01 - Home / Residence
460	Dormitory-type residence, other	01 - Home / Residence
462	Sorority house, fraternity house	01 - Home / Residence
464	Barracks, dormitory	01 - Home / Residence
5	Mercantile, Business	13 - Other location
500	Mercantile, business, other	13 - Other location
511	Convenience store	13 - Other location
519	Food and beverage sales, grocery store	13 - Other location
529	Textile, wearing apparel sales	13 - Other location
539	Household goods, sales, repairs	13 - Other location
549	Specialty shop	13 - Other location
557	Personal service, including barber & beauty shops	13 - Other location
559	Recreational, hobby, home repair sales, pet store	13 - Other location
564	Laundry, dry cleaning	13 - Other location
569	Professional supplies, services	13 - Other location
571	Service station, gas station	13 - Other location
579	Motor vehicle or boat sales, services, repair	13 - Other location
580	General retail, other	13 - Other location
581	Department or discount store	13 - Other location

King County EMS Data Dictionary

592	Bank	13 - Other location
593	Office: veterinary or research	13 - Other location
596	Post office or mailing firms	13 - Other location
599	Business office	13 - Other location
6	Industrial, Utility, Defense, Agriculture, Mining	04 - Industrial Place
600	Ind., utility, defense, agriculture, mining, other	04 - Industrial Place
610	Energy production plant, other	04 - Industrial Place
614	Steam or heat-generating plant	04 - Industrial Place
615	Electric-generating plant	04 - Industrial Place
629	Laboratory or science laboratory	04 - Industrial Place
631	Defense, military installation	04 - Industrial Place
635	Computer center	04 - Industrial Place
639	Communications center	04 - Industrial Place
640	Utility or Distribution system, other	04 - Industrial Place
642	Electrical distribution	04 - Industrial Place
644	Gas distribution, gas pipeline	04 - Industrial Place
645	Flammable liquid distribution, F.L. pipeline	04 - Industrial Place
647	Water utility	04 - Industrial Place
648	Sanitation utility	04 - Industrial Place
655	Crops or orchard	02 - Farm
659	Livestock production	02 - Farm
669	Forest, timberland, woodland	02 - Farm
679	Mine, quarry	03 - Mine / Quarry
7	Manufacturing, Processing	04 - Industrial Place
700	Manufacturing, processing	04 - Industrial Place
8	Storage	04 - Industrial Place
800	Storage, other	04 - Industrial Place
807	Outside material storage area	04 - Industrial Place
808	Outbuilding or shed	04 - Industrial Place
816	Grain elevator, silo	02 - Farm
819	Livestock, poultry storage	02 - Farm
839	Refrigerated storage	04 - Industrial Place
849	Outside storage tank	04 - Industrial Place
880	Vehicle storage, other	04 - Industrial Place
881	Parking garage, (detached residential garage)	04 - Industrial Place
882	Parking garage, general vehicle	04 - Industrial Place
888	Fire station	04 - Industrial Place
891	Warehouse	04 - Industrial Place
898	Dock, marina, pier, wharf	04 - Industrial Place
899	Residential or self-storage units	04 - Industrial Place
9	Outside or Special Property	13 - Other location
900	Outside or special property, other	13 - Other location
919	Dump, sanitary landfill	13 - Other location
921	Bridge, trestle	13 - Other location
922	Tunnel	13 - Other location
926	Outbuilding, protective shelter	13 - Other location
931	Open land or field	13 - Other location
935	Campsite with utilities	13 - Other location
936	Vacant lot	13 - Other location
937	Beach	13 - Other location

King County EMS Data Dictionary

938	Graded and cared-for plots of land	13 - Other location
9381	Permitted Tent City	13 - Other location
940	Water area, other	13 - Other location
941	Open ocean, sea or tidal waters	13 - Other location
946	Lake, river, stream	13 - Other location
951	Railroad right-of-way	13 - Other location
952	Railroad yard	13 - Other location
960	Street, other	09 - Street
961	Highway or divided highway	10 - Highway
962	Residential street, road or residential driveway	09 - Street
963	Street or road in commercial area	09 - Street
965	Vehicle parking area	09 - Street
972	Aircraft runway	13 - Other location
973	Aircraft taxiway	13 - Other location
974	Aircraft loading area	13 - Other location
981	Construction site	04 - Industrial Place
982	Oil or gas field	04 - Industrial Place
983	Pipeline, power line or other utility right-of-way	13 - Other location
984	Industrial plant yard - area	04 - Industrial Place
000	Property Use, other	13 - Other location
NNN	None	99 - Unknown
UUU	Undetermined	99-- Unknown

KC EMS Data Repository

Incident.PropertyUse

Public Access Defibrillator (PAD) Used

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Was Public Access Defibrillator used?

Rationale

Necessary to determine the frequency and effectiveness of Citizen AEDs.

2010 KC EMS Data Standard

AED/PAD Used

<u>Code</u>	<u>Code Value</u>
1	Citizen – No Shock
2	Citizen – Shock
3	Non-EMS First Responder / Police – No Shock

King County EMS Data Dictionary

4	Non-EMS First Responder / Police –Shock
5	Not Applicable

KC EMS Data Repository

PatientTreatment.CitizenAEDUsed

Reporting Agency Number

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
5

Default Value

Definition

State FDID number for your agency. For agencies not assigned an FDID, a KC EMS assigned number has been used.

2010 KC EMS Data Standard

Reporting Agency Number

Notes: Codes match State assigned FDID number when applicable.

<u>FDID</u>	<u>Agency</u>	<u>Notes</u>
17D02	KCFD #2 (Burien)	BLS level agency
17D04	Shoreline FD	ALS level agency
17D10	Eastside Fire & Rescue	BLS level agency
17D11	North Highline FD (#11)	BLS level agency
17D13	Vashon Island Fire & Rescue	ALS level agency
17D16	Northshore FD	BLS Level Agency
17D20	KCFD #20	BLS level agency
17D26	KCFD #26 (now merged with 17D39)	BLS level agency
17D27	KCFD #27 (Fall City)	BLS level agency
17D36	Woodinville Fire & Life Safety	BLS level agency
17D39	South King Fire & Rescue	BLS level agency
17D40	KCFD #40	BLS level agency
17D43	Maple Valley Fire & Life Safety	BLS level agency
17D44	KCFD #44	BLS level agency
17D45	Duvall FD	BLS level agency
17D47	KCFD #47	BLS level agency
17D50	KCFD #50 (Skykomish)	BLS level agency
17D51	Snoqualmie Pass FD	BLS level agency
17M01	Valley Regional Fire Authority (Auburn)	BLS level agency
17M02	Bellevue FD	ALS level agency
17M03	Black Diamond FD (#17)	BLS level agency
17M04	Bothell Fire & EMS	BLS level agency
17M06	Enumclaw FD	BLS level agency
17M08	Kent FD	BLS level agency
17M09	Kirkland FD	BLS level agency

King County EMS Data Dictionary

17M10	Mercer Island FD	BLS level agency
17M12	Pacific FD	BLS level agency
17M13	Redmond FD	BLS level agency
17M14	Renton FD	BLS level agency
17M15	Seattle FD	ALS level agency
17M17	Snoqualmie Fire & Rescue	BLS level agency
17M19	Tukwila FD	BLS level agency
17M20	SeaTac FD	BLS level agency
17S01	Port of Seattle FD	BLS level agency
17X03	King County Medic One	ALS-level agency
31D26	Sno. Co. FD26 (ALS)	ALS-level agency
90099	Other Agency	

KC EMS Data Repository

Incident.AgencyNumber

Notes: Part of the Primary Key for the Incident table.

Patient.AgencyNumber

Notes: Part of the Primary Key for the Patient table.

PatientFlowChart.AgencyNumber

Notes: Part of the Primary Key of the PatientFlowChart table.

PatientMedication.AgencyNumber

Notes: Part of the Primary Key for the PatientMedication table.

PatientTrauma.AgencyNumber

Notes: Part of the Primary Key for the PatientTrauma table.

PatientTreatment.AgencyNumber

Notes: Part of the Primary Key for the PatientTreatment table.

Unit.AgencyNumber

Notes: Part of the Primary Key for the Unit table.

UnitCrewMember.AgencyNumber

Notes: Part of the Primary Key for the UnitCrewMember table.

King County EMS Data Dictionary

Reporting Unit ID Number

CAD Data
Yes

ALS Only?
No

Field Type
Character

Field Length
10

Default Value

Definition

Unit Identification Number assigned by EMS provider agency. This typically will be a two or three character alphanumeric, such as 'A21', 'E55', 'M65', etc., and will be the designation that is used by CAD for dispatching the unit. The data will automatically come down with the CAD feed.

2010 KC EMS Data Standard

Reporting Unit ID Number

KC EMS Data Repository

Unit.UnitID

UnitCrewMember.UnitID

Responding from Quarters

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

Was the unit in quarters at the time of the alarm?

2010 KC EMS Data Standard

Responding from Quarters

Notes: Physical element reflective of conceptual elements: Responding from Quarters-ALS Unit. Responding from Quarters--BLS Unit

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

Unit.RespondQuarters

King County EMS Data Dictionary

Responding in Fire District Code

CAD Data

Yes

ALS Only?

No

Field Type

Character

Field Length

5

Default Value

Definition

This is the fire district service area where the incident occurred. This must be filled in by all units even in the case of a code green. Use code as assigned by King County EMS or State the FDID code.

Rationale

One method for keeping track of who is providing mutual aid, how frequently and for whom. Also, of value to determine what agency is responsible for a call or call volumes for a specific agency.

2010 KC EMS Data Standard

Responding in Fire District Code

<u>Fire District</u>	<u>FDID</u>	<u>KC Code</u>
Bellevue FD	17M02	52
Black Diamond FD	17M03	17
Bothell Fire & EMS	17M04	53
Duvall FD (FD #45)	17D45	45
Eastside Fire & Rescue	17D10	10
Enumclaw FD	17M06	55
KCFD #2 (Burien)	17D02	02
KCFD #20	17D20	20
KCFD #26 (now merged with FD 39)	17D26	26
KCFD #27 (Fall City)	17D27	27
KCFD #40	17D40	40
KCFD #44	17D44	44
KCFD #47	17D47	47
KCFD #50 (Skykomish)	17D50	50
Kent FD	17M08	57
Kirkland FD	17M09	58
Maple Valley Fire & Life Safety	17D43	43
Mercer Island FD	17M10	59
North Highline FD	17D11	11
Northshore FD	17D16	16
Pacific FD	17M12	61
Port of Seattle FD	17S01	69
Redmond FD	17M13	62
Renton FD	17M14	63
SeaTac FD	17M20	24
Seattle FD	17M15	64
Shoreline FD	17D04	04
Snoqualmie Fire & Rescue	17M17	65
Snoqualmie Pass FD (FD #51)	17D51	49
South King Fire & Rescue	17D39	39
Tukwila FD	17M19	66

King County EMS Data Dictionary

Valley Regional Fire Authority	17M01	51
Vashon Island Fire & Rescue	17D13	13
Woodinville Fire & Life Safety	17D36	36
Outside FD boundary, inside King County	90081	81
Outside King County	99999	99

KC EMS Data Repository

Incident.RespondingInFireDistrictCodeID

Response Delay Type

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

The reason for the response delay, if any, of the unit associated with the patient encounter.

Rationale

Allows for documentation of response delays.

2010 KC EMS Data Standard

Response Delay Type

<u>Code</u>	<u>Code Value</u>
130	Directions
140	Diversion
150	None
160	Safety
170	Traffic
180	Vehicle Failure
125	Crowd
135	Distance
145	HazMat
155	Other
165	Staff Delay
175	Vehicle Crash
185	Weather

KC EMS Data Repository

Unit.ResponseDelayType

King County EMS Data Dictionary

Response Mode

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Enter the response mode used enroute to this call.

2010 KC EMS Data Standard

Response Mode

<u>Code</u>	<u>Code Value</u>
1	Non-Emergent
3	Emergent

KC EMS Data Repository

Unit.ResponseModelID

Safety Equipment

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

2

Default Value

Definition

Safety equipment used by the patient at the time of the injury. This should include motor vehicle accidents, as well as bicycle, skateboard, etc.

Business Rules

Required when applicable.

Rationale

Provides important information about safety device use in a number of different scenarios.

2010 KC EMS Data Standard

Safety Equipment

<u>Code</u>	<u>Code Value</u>
11	Shoulder belt only used
12	Lap belt only used
13	Shoulder and lap belts used
20	Child safety seat used

King County EMS Data Dictionary

31	Airbag deployed, no lap belt
32	Airbag deployed, lap belt used
33	Airbag deployed, lap and shoulder belts used
34	Airbag deployed, child safety seat used
40	Helmet
51	Protective gear / clothing
52	Eye Protection
60	Personal flotation device
N0	None
U0	Unknown
U1	Not applicable

KC EMS Data Repository

PatientTreatment.SafetyEquipmentID

Scene GPS Location

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

25

Default Value

Definition

The GPS coordinates (latitude and longitude) of the incident location.

Rationale

Use of GPS coordinates will provide a more precise incident location analysis.

2010 KC EMS Data Standard

Scene GPS Location

KC EMS Data Repository

Notes: GPS Coordinates typically come in Latitude and Longitude, in separate data elements.

Incident.Latitude

Incident.Longitude

Signature of Person Completing Form

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

50

Default Value

King County EMS Data Dictionary

Definition

Enter the name of the individual that wrote the report.

Rationale

To track who completed the electronic report.

2010 KC EMS Data Standard

Signature of Person Completing Form

KC EMS Data Repository

PatientTreatment.SignaturePersonCompletingForm

Transport Agency Number

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

5

Default Value

Definition

Write the transporting agency code even if it was not your agency who transported. Required for all incidents except cancelled calls and hospital procedures performed by paramedics.

Business Rules

Required for all incidents where the patient was transported.

Rationale

Necessary to track frequencies of transports by agency and by EMS provider unit.

2010 KC EMS Data Standard

Transport Agency Number

Notes: Codes match State assigned FDID numbers when applicable.

<u>FDID</u>	<u>Agency</u>	<u>Notes</u>
00000	No Transport	
17D02	KCFD #2 (Burien)	BLS level agency
17D04	Shoreline FD	ALS level agency
17D10	Eastside Fire & Rescue	BLS level agency
17D11	North Highline FD (#11)	BLS level agency
17D13	Vashon Island Fire & Rescue	ALS level agency
17D16	Northshore FD	BLS Level Agency
17D20	KCFD #20	BLS level agency
17D26	KCFD #26 (now merged with 17D39)	BLS level agency
17D27	KCFD #27 (Fall City)	BLS level agency

King County EMS Data Dictionary

17D36	Woodinville Fire & Life Safety	BLS level agency
17D39	South King Fire & Rescue	BLS level agency
17D40	KCFD #40	BLS level agency
17D43	Maple Valley Fire & Life Safety	BLS level agency
17D44	KCFD #44	BLS level agency
17D45	Duvall FD	BLS level agency
17D47	KCFD #47	BLS level agency
17D50	KCFD #50 (Skykomish)	BLS level agency
17D51	Snoqualmie Pass FD	BLS level agency
17M01	Valley Regional Fire Authority (Auburn)	BLS level agency
17M02	Bellevue FD	ALS level agency
17M03	Black Diamond FD (#17)	BLS level agency
17M04	Bothell Fire & EMS	BLS level agency
17M06	Enumclaw FD	BLS level agency
17M08	Kent FD	BLS level agency
17M09	Kirkland FD	BLS level agency
17M10	Mercer Island FD	BLS level agency
17M12	Pacific FD	BLS level agency
17M13	Redmond FD	BLS level agency
17M14	Renton FD	BLS level agency
17M15	Seattle FD	ALS level agency
17M17	Snoqualmie Fire & Rescue	BLS level agency
17M19	Tukwila FD	BLS level agency
17M20	SeaTac FD	BLS level agency
17S01	Port of Seattle FD	BLS level agency
17X03	King County Medic One	
17X04	Evergreen Medic One	ALS level agency
17X06	AMR	BLS level agency
17X10	Airlift Northwest	ALS level agency
17X13	Boeing EMS	BLS level agency
17X24	Tri-Med Ambulance	BLS level agency
17X25	Rural Metro Ambulance	BLS level agency
31D26	Sno. Co. FD26 (ALS)	ALS-level agency
90001	Other Ambulance	BLS level agency
90002	Other helicopter	BLS level agency
90003	AMR - ALS	ALS level agency
90004	Other ALS	ALS level agency
90005	WA State Patrol	First Responder
90006	County Police	First Responder
90007	Local Police	First Responder
90008	Private Auto	
90009	Taxi	
90010	M.A.S.T.	ALS level agency
90011	Medical Examiner	
90012	Hearse	
90013	Unknown	
90014	Cabulance	
90099	Other Agency	
99999	Outside King County	

King County EMS Data Dictionary

PatientTreatment.TransportAgencyNumber

Transport Delay Type

CAD Data
No

ALS Only?
No

Field Type
Integer

Field Length

Default Value

Definition

The reason for the transport delay, if any, of the unit associated with the patient encounter.

Rationale

Allows for documentation of transport delays.

2010 KC EMS Data Standard

Transport Delay Type

<u>Code</u>	<u>Code Value</u>
130	Directions
140	Diversion
150	None
160	Safety
170	Traffic
180	Vehicle Failure
125	Crowd
135	Distance
145	HazMat
155	Other
165	Staff Delay
175	Vehicle Crash
185	Weather

KC EMS Data Repository

PatientTreatment.TransportDelayType

Transport Destination

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length
4

Default Value

Definition

Enter the code of the transport destination for each patient. Required for all incidents where the patient was transported.

King County EMS Data Dictionary

Rationale

Very important for tracking where patients are taken. When paired with other information this can be useful in determining what types of patients are being taken to specific facilities.

2010 KC EMS Data Standard

Transport Destination

Notes: Codes match State assigned hospital/facility ID numbers when applicable.

<u>Code</u>	<u>Code Value</u>
000	No Transport / Left at Scene
183	Auburn Regional Medical Center
035	Enumclaw General Hospital
164	Evergreen Hospital Medical Center
148	Fifth Avenue Medical Center
081	Good Samaritan Hospital
169	Group Health / Bellevue (Overlake)
020	Group Health / Central
029	Harborview Medical Center
126	Highline Medical Center / Main Campus
720	Madigan Army Medical Center
175	Mary Bridge Hospital
104	Monroe Valley General Hospital
130	Northwest Hospital & Medical Center – UW Medicine
131	Overlake Hospital Medical Center
014	Seattle Children's Hospital
195	Snoqualmie Valley Hospital
201	St. Francis Community Hospital
032	St. Joseph's Hospital
138	Stevens Memorial Hospital
9001	Swedish / Ballard
003	Swedish / Cherry Hill
001	Swedish / First Hill
977	Swedish / Issaquah
176	Tacoma General Hospital
128	UW Medical Center
155	Valley Medical Center
710	Veterans Administration Hospital
010	Virginia Mason Medical Center
960	All Other Hospitals
970	Doctor's office, nursing home or other clinic
972	Swedish ER / Issaquah
973	Overlake Urgent Care / Issaquah
974	Swedish / Redmond: ER and Outpatient Center
975	Swedish / Mill Creek: ER and Outpatient Center
976	Evergreen Medical Center / Redmond (ER)
997	Field (Scene, Residence)
998	Rendezvous / Patient Transfer Point

King County EMS Data Dictionary

9002	Highline Medical Center / Specialty Campus
9035	Medical Clinics
9036	Detoxification Center
9037	Jail
9038	County Morgue
9039	Mortuary
9098	Unknown Location
9099	Other

KC EMS Data Repository

PatientTreatment.TransportDestinationID

Transport Unit Number

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

10

Default Value

Definition

Provide the number that identifies the transporting unit for EMS transports. Leave blank if a non-EMS agency transported, or pass on the unit designation received from CAD for the transporting unit.

Business Rules

Enter the unit number if a KC EMS agency transported.

Rationale

Necessary to identify the specific unit number. Can be used to construct reports which are specific to units. Especially useful for local reporting.

2010 KC EMS Data Standard

Transport Unit Number

KC EMS Data Repository

PatientTreatment.TransportUnitNumber

Treatment Crew Member Number

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

King County EMS Data Dictionary

Definition

The EMS number of each treatment crew member. This section should be completed on both ALS and BLS reports. Record as many treatment crew member numbers as appropriate. There is a separate field for treatment crew name

2010 KC EMS Data Standard

Treatment Crew Member Number

KC EMS Data Repository

UnitCrewMember.TCMNumber

Treatment Crew Member Number for Procedure

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

This section is used to identify individuals who perform special procedures. If the same procedure was performed by two persons, then the procedure must be written twice, followed by each of the EMS numbers. Record only procedures your agency performs.

Rationale

Intended to provide planners and educators with what procedures are used, by whom and for what types of situations. Thus it is a measure of how well the protocols are working to provide a patient with the best care possible.

2010 KC EMS Data Standard

Treatment Crew Member Number for Procedure

KC EMS Data Repository

PatientFlowChart.TCMNumberforProcedure

TTC - Anatomy of Injury - > 1 Prox. long bone fx

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

King County EMS Data Dictionary

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Anatomy of Injury - > 1 Prox. long bone fx

Notes: Two or more obvious proximal long bone fractures.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_ProxLongBoneFx

TTC - Anatomy of Injury - Amputation

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

0

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Anatomy of Injury - Amputation

Notes: Amputation above ankle or wrist.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

King County EMS Data Dictionary

KC EMS Data Repository

PatientTreatment.TTC_Amputation

TTC - Anatomy of Injury - Burns > 20%

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Anatomy of Injury - Burns > 20%

Notes: Combination of burns 20% or more or involving face or airway.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_Burns

TTC - Anatomy of Injury - Flail Chest

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

King County EMS Data Dictionary

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Anatomy of Injury - Flail Chest

Notes: Flail Chest.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_FlailChest

TTC - Anatomy of Injury - Penetrating Injury

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Anatomy of Injury - Penetrating Injury

Notes: Penetrating injury of head, neck, torso, groin.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

King County EMS Data Dictionary

PatientTreatment.TTC_PenetratingInjury

TTC - Anatomy of Injury - Spinal Cord Injury

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Anatomy of Injury - Spinal Cord Injury

Notes: Spinal Cord Injury.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_SpinalCordInjury

TTC - Biomechanics of Injury - Death same car occupant

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

King County EMS Data Dictionary

2010 KC EMS Data Standard

TTC - Biomechanics of Injury - Death same car/occupant

Notes: Death of another occupant in the same vehicle.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_DeathSameCar

TTC - Biomechanics of Injury - Eject of Pt from vehicle

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Biomechanics of Injury - Ejection of PT from vehicle

Notes: Ejection of patient from enclosed vehicle.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_EjectionFromVehicle

King County EMS Data Dictionary

TTC - Biomechanics of Injury - Extrication > 20 min.

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length**Default Value**

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard**TTC - Biomechanics of Injury - Extrication > 20**

Notes: Extrication that takes over 20 minutes.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_Extrication

TTC - Biomechanics of Injury - Fall > 20 ft.

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length**Default Value**

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

King County EMS Data Dictionary

TTC - Biomechanics of Injury - Fall > 20 ft

Notes: Falls of 20 feet (6 meters) or more.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_Fall

TTC - Biomechanics of Injury - Motorcycle, ATV

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Biomechanics of Injury - Motorcycle, ATV

Notes: Motorcycle, ATV, or Bicycle involved in the incident.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_MotorcycleATV

TTC – Biomechanics of Injury - PV > 20 mph

King County EMS Data Dictionary

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Biomechanics of Injury - PV > 20 mph

Notes: Pedestrian hit at 20 mph (32 kh/h) or more, or thrown more than 15 ft (4.5m).

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_PedestrianVehicle

TTC - Biomechanics of Injury - Rollover

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Biomechanics of Injury - Rollover

King County EMS Data Dictionary

Notes: Rollover of vehicle.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_BioMechRollover

TTC - Biomechanics of Injury - Significant Intrusion

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Biomechanics of Injury - Significant Intrusion

Notes: Significant Intrusion into the passenger compartment.

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_SignificantIntrusion

TTC - Gut feel of Medic

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

King County EMS Data Dictionary

Definition

Answer 'Yes' if this condition applied.

Business Rules

For trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Gut feel of Medic

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_GutFeelMedic

TTC - Other Risk Factors - < 15 or > 60 yrs.

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

0

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Other Risk Factors - < 15 or > 60 yrs

Notes: Less than 15 or greater than 60 years of age

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

King County EMS Data Dictionary

KC EMS Data Repository

PatientTreatment.TTC_Age

TTC - Other Risk Factors - Hostile Environment

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Other Risk Factors - Hostile Environment

Notes: Hostile environment (such as extremes of hot or cold)

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_HostileEnvironment

TTC - Other Risk Factors - Medical Illness

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

King County EMS Data Dictionary

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Other Risk Factors - Medical Illness

Notes: Medical Illness

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_MedIllness

TTC - Other Risk Factors - Preg. > 3 months

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Other Risk Factors - Preg. > 3 mo.

Notes: Pregnant for greater than 3 months (In 2nd or 3rd trimester of pregnancy)

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

King County EMS Data Dictionary

PatientTreatment.TTC_Pregnant

TTC - Vitals & Consc - Altered Mental Status

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Vitals & Consciousness - Altered Mental Status

Notes: Altered Mental Status

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_AlteredMentalStatus

TTC - Vitals & Consc - HR > 120

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

King County EMS Data Dictionary

2010 KC EMS Data Standard

TTC - Vitals & Consciousness - HR > 120

Notes: Heart rate over 120 (Pediatric: under 60 and over 120)

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_ElevatedHR

TTC - Vitals & Consc - RR < 10 or > 29

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Vitals & Consciousness - RR < 10 or > 29

Notes: Respiratory rate under 10 or over 29 associated with evidence of distress

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_AbnormalRR

King County EMS Data Dictionary

TTC - Vitals & Consc - SBP < 90

CAD Data

No

ALS Only?

Yes

Field Type

bit

Field Length

Default Value

0

Definition

Answer 'Yes' if this condition applied.

Business Rules

Necessary for trauma patients only.

Rationale

This gathers information relating to the trauma triage criteria established by Washington State which establishes if this is or is not a major trauma patient.

2010 KC EMS Data Standard

TTC - Vitals & Consciousness - SBP < 90

Notes: Systolic Blood Pressure under 90

<u>Code</u>	<u>Code Value</u>
1	Yes
0	No

KC EMS Data Repository

PatientTreatment.TTC_LowSBP

King County EMS Data Dictionary

Derived Data Elements

Date Time Report Approval

CAD Data
No

ALS Only?
No

Field Type
DateTime

Field Length

Default Value
DateTime stamp

Definition

Date and time report approved by appropriate person. DD,MM,YYYY and HH:MM:SS

2010 KC EMS Data Standard

Date Time Report Approval

KC EMS Data Repository

Incident.DTReportApproval

Date Time Report Creation

CAD Data
No

ALS Only?
No

Field Type
DateTime

Field Length

Default Value
Datetime stamp

Definition

Date and time report created by initial care giver. MM,DD,YYYY and HH:MM:SS

2010 KC EMS Data Standard

Date Time Report Creation

KC EMS Data Repository

Incident.DTReportCreation

Date Time Report Revision

CAD Data

ALS Only?

Field Type

Field Length

Default Value

King County EMS Data Dictionary

No

No

DateTime

Datetime stamp

Definition

Date and time any revisions are made to a report. DD,MM,YYYY and HH:MM:SS

2010 KC EMS Data Standard

Date Time Report Revision

KC EMS Data Repository

Incident.DTReportRevision

Level of Agency

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Derived from Agency

Definition

The highest level of care your agency is authorized to provide. This information can be derived from agency information.

2010 KC EMS Data Standard

Level of Agency

Notes: This field can be derived from the agency code.

<u>Code</u>	<u>Code Value</u>
1	BLS (Advanced First Aid, First Responder, EMT)
2	ILS (IV Tech, Airway Tech, IV/Airway Tech)
3	ALS (Paramedic, RN, MD)

KC EMS Data Repository

Unit.LevelAgencyID

Reporting Agency Name

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

30

Default Value

Definition

King County EMS Data Dictionary

Name of Agency

2010 KC EMS Data Standard

Reporting Agency Name

Notes: Derivable from Reporting Agency Number.

KC EMS Data Repository

Incident.ReportingAgencyName

Total Number of Patients

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Definition

Indicate total number of patients at the scene - not just those you took care of - in the "Out of" box.

Business Rules

Must at least be equal to or greater than the number of patients recorded in the providers RMS system.

Rationale

To ensure that all patients are accounted for with a MIRF form.

2010 KC EMS Data Standard

Total Number of Patients

KC EMS Data Repository

Incident.TotalPatients

Trauma Criteria Met

CAD Data

No

ALS Only?

No

Field Type

Integer

Field Length

Default Value

Derived from trauma data

Definition

Answer "Yes" here if any of the Washington State Trauma Code inclusion criteria were present. This data is derived from trauma

King County EMS Data Dictionary

data.

Rationale

Quick methodology for tracking how many patients met trauma criteria and what type of incidents that was associated with.

2010 KC EMS Data Standard

Trauma Criteria Met?

Notes: This variable can be determined from other trauma criteria and data.

<u>Code</u>	<u>Code Value</u>
1	Yes
2	No, Minor Trauma
3	No, Medical Incident

KC EMS Data Repository

PatientTreatment.TTCMet

Unit Type

CAD Data

No

ALS Only?

No

Field Type

Character

Field Length

4

Default Value

Definition

NFIRS coding for all apparatus used.

Rationale

Provides information about how resources are utilized.

2010 KC EMS Data Standard

Unit Type

Notes: This information will be defined for each EMS unit or apparatus. Transport Unit Type will be derived from Unit Type, as well as the Level of Service at the scene.

<u>Code</u>	<u>Code Value</u>	<u>Notes</u>
00	Other apparatus / resource	
1	Ground Fire Suppression	
10	Ground Fire Suppression, other	
11	Engine	BLS Unit
12	Truck or aerial	BLS Unit
121	Light Force	
13	Quint	

King County EMS Data Dictionary

14	Tanker & pumper combination	
16	Brush truck	
17	ARF (aircraft rescue & firefighting	
2	Heavy Ground Equipment	
20	Heavy Ground Equipment, other	
21	Dozer or plow	
22	Tractor	
24	Tanker or tender	
4	Aircraft	
40	Aircraft, other	
41	Aircraft, fixed wing tanker	
42	Helitanker	
43	Helicopter	ALS Unit
5	Marine Equipment	
50	Marine equipment, other	
51	Fire boat with pump	
52	Boat, no pump	
6	Support Equipment	
60	Support equipment, other	
61	Breathing apparatus support	
62	Light and air unit	
7	Medical & Rescue Unit	BLS Unit
70	Medical & rescue unit, other	BLS Unit
701	Medical Services Officer (MSO)	ALS Unit
702	Medical Services Unit	ALS Unit
703	Emergency Medical Commander	
704	Ambulance or other BLS	BLS Unit
71	Rescue unit	BLS Unit
72	Urban search & rescue unit	BLS Unit
73	High angle rescue	BLS Unit
75	BLS Unit (Aid Unit)	BLS Unit
76	ALS unit (Medic Unit)	ALS Unit
761	EMS-P Unit	ALS Unit
762	Part time ALS Unit	ALS Unit
9	Other	
91	Mobile command post	
92	Chief officer car	
921	Fire Marshall	
922	Fire Prevention Officer	
923	Public Information Officer	
924	Fire Education	
925	Emergency Preparedness Manager	
927	Training Commander	
928	Training Officer	
929	Supply & Maintenance Commander	
93	HazMat Unit	
94	Type I hand crew	
95	Type II hand crew	
99	Privately owned vehicle	
NN	None	
UU	Undetermined	
99999	Outside King County	

King County EMS Data Dictionary

KC EMS Data Repository

Unit.UnitType

King County EMS Data Dictionary

Physical Database Elements

CAD Data
No

ALS Only?
No

Field Type
Character

Field Length

Default Value

Definition

Not a conceptual element. Used to identify physical elements not in conceptual model.

2010 KC EMS Data Standard

Flow Chart Element 1 through Flow Chart Element 20

Notes: Each Element field is used to hold specific flow chart event data.

Flow Chart Event Type ID

<u>Code</u>	<u>Code Value</u>
1	Oxygen
2	Wound Care
3	Extrication / Rescue
4	Splinting
5	Bag Mask
6	ECG Monitor
7	C-Collar / Backboard
8	CPR
12	Endotracheal Intubation
13	IV - Central Line
14	IV - Peripheral Line
15	Manual DC Shock by EMT
17	Flutter Valve
18	Pericardiocentesis
19	Cricothyrotomy
21	Auto DC Shock by EMT
22	Intraosseous Line
24	First Responder DC Shock
25	AED Attached / No Shock
26	Retrograde Intubation
27	Jet Insufflation
29	EpiPen Used
36	12-Lead ECG
37	End-Tidal CO2/Capnography
38	Personal Protective Equipment: Mask
39	Personal Protective Equipment: Gown/Apron
51	Vitals
52	Medications Administered by EMS
53	Glasgow Coma Score
54	Pulse Oximetry

King County EMS Data Dictionary

55	Glucometry
57	Temperature
58	Aspirin Administration

Flow Chart Record ID

Notes: Used in repository to identify event / procedure records.

Incident Date

Notes: The date of the incident, derived from the DTDispatchNotified field. Used as part of the alternate key with AgencyNumber and IncidentNumber.

Incident Record ID

Notes: Used in the repository to identify incidents. Generally, this ID will be a unique ID used in the source RMS system to uniquely identify the incident record. This is an optional element.

Patient Medications Record ID

Notes: Used in repository to identify patient medication information for a particular patient/incident. Generally, this ID will be a globally unique ID (GUID) used in the source RMS system to uniquely identify the patient medications record for a particular patient.

Patient Record ID

Notes: A alternate primary key. Generally, this ID will be a unique ID used in the source RMS system to identify the patient record for a particular patient.

Patient Trauma ID

Notes: Used in repository to identify patient trauma information for a particular patient/incident. Generally, this ID will be a unique ID used in the source RMS system to identify the trauma information for a particular patient and incident.

Patient Trauma Record ID

Notes: Used in repository to identify patient trauma information for a particular patient/incident. Generally, this ID will be a unique ID used in the source RMS system to identify the trauma information for a particular patient and incident.

Patient Treatment Record ID

Notes: Used in the repository to identify patient treatments and link them to the rest of the incident record. Generally, this ID will be a globally unique ID (GUID) used in the source RMS system to uniquely identify the patient treatment record for a particular patient.

Unit Crew Member Record ID

King County EMS Data Dictionary

Notes: Used in repository to identify treatment crew member information for a particular incident. Generally, this ID will be a unique ID used in the source RMS system to identify the crew member information for a particular unit on an incident.

Unit Record ID

Notes: Used in the repository to identify unit information for a particular incident and link them to the rest of the record. Generally, this ID will be a unique ID used in the source RMS system to uniquely identify the unit information for that incident.

KC EMS Data Repository

Incident.IncidentDate

Notes: Used as part of the Primary Key for all the Incident table.

Incident.IncidentRecordID

Notes: Typically a unique identifier for the Incident for the specific RMS

Patient.IncidentDate

Notes: Part of the Primary Key for the Patient table.

Patient.IncidentRecordID

Notes: Typically a unique identifier for the Incident for the specific RMS

Patient.PatientRecordID

Notes: Part of the Primary Key for the Patient table.

PatientFlowChart.FCElement1 through PatientFlowChart.FCElement20

Notes: This field will contain additional information about a procedure or aid given by the EMS personnel. For example if FCEventTypeID is '51' for Vitals, then the FCElement fields would contain the different parts of vitals, such as systolic BP, diastolic BP, pulse rate, etc.

PatientFlowChart.FCEventTypeID

Notes: This code will tell us which procedure or event is being recorded. Additional information about the procedure or event (such as '51' for Vitals) will be recorded in the FCElement1 to FCElement20 fields. See above for the list of codes.

PatientFlowChart.FCRecordID

PatientFlowChart.IncidentDate

King County EMS Data Dictionary

PatientFlowChart.IncidentRecordID

PatientFlowChart.PatientRecordID

PatientMedication.IncidentDate

PatientMedication.IncidentRecordID

PatientMedication.PatientMedicationRecordID

PatientMedication.PatientRecordID

PatientTrauma.IncidentDate

PatientTrauma.IncidentRecordID

PatientTrauma.PatientRecordID

PatientTrauma.PatientTraumaRecordID

PatientTreatment.IncidentDate

PatientTreatment.IncidentRecordID

PatientTreatment.PatientRecordID

PatientTreatment.PatientTreatmentRecordID

Unit.IncidentNumber

Unit.AgencyNumber

Unit.IncidentDate

Unit.IncidentRecordID

Unit.UnitID

UnitCrewMember.IncidentDate

UnitCrewMember.IncidentRecordID

King County EMS Data Dictionary

UnitCrewMember.UnitCrewMemberRecordID

UnitCrewMember.UnitID

Data Collection Notes

Please note that our Data Repository and data elements allow some flexibility in how an RMS is implemented, and in how that system codes the data elements. For example, many systems use check boxes to collect certain information, such as procedures performed by field personnel, and certain 'Yes / No' questions. We store this kind of 'yes / no' information as a 'bit' field in our database, using 1 (True) for 'Yes', and 0 (False) for 'No'. In the past we coded Yes / No as 1 = Yes and 2 = No. Either way is acceptable as long as 1 = Yes.

Another example is that some of the variables have dual coding, allowing agencies to use our traditional 'King County EMS' codes, or the more recently implemented NFIRS coding (usually using 'code+1' coding to expand the NFIRS coding to meet our standards).

If there are specific questions about coding or data related issues with regard to the King County EMS Data Dictionary or any of the data elements contained therein, please contact Dan Henwood @ 206-263-8581, or call the main desk @ 206-296-4693 and you will be directed to an appropriate person.