

Data Set Name: *abg.sas7bdat*

Num	Variable	Type	Len	Label
1	caseid	Num	8	CTC Case ID: De-identified unique ID
2	linenumber	Num	8	Record number
3	abgdt	Num	8	Date (Days)
4	fio2	Num	8	FiO2 (%)
5	hco3	Num	8	HCO3 (mEq/L)
6	nofio2	Num	8	FiCO2 missing (0=No; 1=Yes)
7	paco2	Num	8	PaCO2 (mmHg)
8	pao2	Num	8	PaO2 (mmHg)
9	ph	Num	8	ph
10	abgtm	Num	8	Time

Data Set Name: cases.sas7bdat

Num	Variable	Type	Len	Label
1	caseid	Num	8	CTC Case ID: De-identified unique ID
2	nocomp	Num	8	No fire/EMS compressions
3	ccclegalcnsn	Num	8	Inclusion: at least 18 years old or local age of legal consent
4	ccctraumca	Num	8	Inclusion: non-traumatic cardiac arrest
5	initcompccc	Num	8	Inclusion: initial fire/ems chest compressions provided by CCC participating ROC agency
6	cccdnr	Num	8	Exclusion: DNR
7	cctrauminj	Num	8	Exclusion: Blunt, penetrating, or burn related injury
8	cccresp	Num	8	Exclusion: Obvious cause of arrest is asphyxia or respiratory
9	cccexsang	Num	8	Exclusion: Exsanguination
10	cccprisoner	Num	8	Exclusion: Known prisoner
11	cccpregnant	Num	8	Exclusion: Known pregnancy
12	cccemswitarr	Num	8	Exclusion: EMS witnessed arrest
13	cccstagynrc	Num	8	Exclusion: Non-ROC/non-CCC participating agency first to initiate chest compressions or place pads (whichever is earliest)
14	cccmeccomp	Num	8	Exclusion: Mechanical compression device used during study-assigned compression cycles
15	cccadvair	Num	8	Exclusion: Advanced airway prior to CCC participating ROC fire/EMS agency arrival
16	cccpreextrac	Num	8	Exclusion: Pre-existing trach
17	inclcrit	Num	8	Can the patient be included in the study due to the inclusion criteria? The patient is excluded if any of the following variables equal 0: ccclegalcnsn, ccctraumca, initcompccc.
18	exclcrit	Num	8	Is the patient excluded from the study due to the exclusion criteria?
19	rignp1	Num	8	EMS response: Rig 1 Number of Personnel
20	rignp2	Num	8	EMS response: Rig 2 Number of Personnel
21	rignp3	Num	8	EMS response: Rig 3 Number of Personnel
22	rignp4	Num	8	EMS response: Rig 4 Number of Personnel
23	rigsl1	Num	8	EMS response: Rig 1 Service Level
24	rigsl2	Num	8	EMS response: Rig 2 Service Level
25	rigsl3	Num	8	EMS response: Rig 3 Service Level
26	rigsl4	Num	8	EMS response: Rig 4 Service Level
27	rigtm1	Num	8	EMS response: Rig 1 Time of Arrival (relative to callDspAlnTm)
28	rigtm2	Num	8	EMS response: Rig 2 Time of Arrival (relative to callDspAlnTm)
29	rigtm3	Num	8	EMS response: Rig 3 Time of Arrival (relative to callDspAlnTm)
30	rigtm4	Num	8	EMS response: Rig 4 Time of Arrival (relative to callDspAlnTm)
31	artmsr1	Num	8	EMS response: Rig 1 Source of Arrival Time
32	artmsr2	Num	8	EMS response: Rig 2 Source of Arrival Time
33	artmsr3	Num	8	EMS response: Rig 3 Source of Arrival Time
34	artmsr4	Num	8	EMS response: Rig 4 Source of Arrival Time
35	callDspOrder	Num	8	Event order: 1st 911 call received at dispatch

Num	Variable	Type	Len	Label
36	v1DspOrder	Num	8	Event order: 1st vehicle dispatch
37	v1ArrOrder	Num	8	Event order: 1st vehicle arrival at scene
38	emsAedOrder	Num	8	Event order: 1st fire/EMS AED/defib turned on
39	emsCprOrder	Num	8	Event order: 1st fire/EMS CPR
40	emsShockOrder	Num	8	Event order: 1st fire/EMS shock
41	alsArrOrder	Num	8	Event order: 1st ALS arrival at scene
42	ivioOrder	Num	8	Event order: 1st successful fire/EMS IV/IO access
43	epivasoOrder	Num	8	Event order: 1st epinephrine or vasopressin
44	airwayOrder	Num	8	Event order: 1st successful fire/EMS advanced airway
45	xportOrder	Num	8	Event order: Patient transported from scene
46	destArrOrder	Num	8	Event order: Fire/EMS destination arrival
47	roscOrder	Num	8	Event order: 1st ROSC
48	resusStopOrder	Num	8	Event order: Resuscitation stopped due to death
49	nonEmsShockOrder	Num	8	Event order: 1st no-fire/EMS shock
50	hypothermOrder	Num	8	Event order: Hypothermia started by fire/EMS
51	compDevOrder	Num	8	Event order: 1st mechanical compression device
52	callDspNdt	Num	8	No documented time: 1st 911 call received at dispatch
53	v1DspNdt	Num	8	No documented time: 1st vehicle dispatch
54	v1ArrNdt	Num	8	No documented time: 1st vehicle arrival at scene
55	emsAedNdt	Num	8	No documented time: 1st fire/EMS AED/defib turned on
56	emsCprNdt	Num	8	No documented time: 1st fire/EMS CPR
57	emsShockNdt	Num	8	No documented time: 1st fire/EMS shock
58	alsArrNdt	Num	8	No documented time: 1st ALS arrival at scene
59	ivioNdt	Num	8	No documented time: 1st successful fire/EMS IV/IO access
60	epivasoNdt	Num	8	No documented time: 1st epinephrine or vasopressin
61	airwayNdt	Num	8	No documented time: 1st successful fire/EMS advanced airway
62	xportNdt	Num	8	No documented time: Patient transported from scene
63	destArrNdt	Num	8	No documented time: Fire/EMS destination arrival
64	roscNdt	Num	8	No documented time: 1st ROSC
65	resusStopNdt	Num	8	No documented time: Resuscitation stopped due to death
66	nonEmsShockNdt	Num	8	No documented time: 1st no-fire/EMS shock
67	hypothermNdt	Num	8	No documented time: Hypothermia started by fire/EMS
68	compDevNdt	Num	8	No documented time: 1st mechanical compression device
69	callDspAlnTm	Num	8	Aligned time: 1st 911 call received at dispatch as quarters of the day
70	v1DspAlnTm	Num	8	Aligned time: 1st vehicle dispatch (relative to callDspAlnTm)
71	v1ArrAlnTm	Num	8	Aligned time: 1st vehicle arrival at scene (relative to callDspAlnTm)
72	emsAedAlnTm	Num	8	Aligned time: 1st fire/EMS AED/defib turned on (relative to callDspAlnTm)
73	emsCprAlnTm	Num	8	Aligned time: 1st fire/EMS CPR (relative to callDspAlnTm)
74	emsShockAlnTm	Num	8	Aligned time: 1st fire/EMS shock (relative to callDspAlnTm)

Num	Variable	Type	Len	Label
75	alsArrAlnTm	Num	8	Aligned time: 1st ALS arrival at scene (relative to callDspAlnTm)
76	ivioAlnTm	Num	8	Aligned time: 1st successful fire/EMS IV/IO access (relative to callDspAlnTm)
77	epivasoAlnTm	Num	8	Aligned time: 1st epinephrine or vasopressin (relative to callDspAlnTm)
78	airwayAlnTm	Num	8	Aligned time: 1st successful fire/EMS advanced airway (relative to callDspAlnTm)
79	xportAlnTm	Num	8	Aligned time: Patient transported from scene (relative to callDspAlnTm)
80	destArrAlnTm	Num	8	Aligned time: Fire/EMS destination arrival (relative to callDspAlnTm)
81	roscAlnTm	Num	8	Aligned time: 1st ROSC (relative to callDspAlnTm)
82	resusStopAlnTm	Num	8	Aligned time: Resuscitation stopped due to death (relative to callDspAlnTm)
83	nonEmsShockAlnTm	Num	8	Aligned time: 1st no-fire/EMS shock (relative to callDspAlnTm)
84	hypothermAlnTm	Num	8	Aligned time: Hypothermia started by fire/EMS (relative to callDspAlnTm)
85	compDevAlnTm	Num	8	Aligned time: 1st mechanical compression device (relative to callDspAlnTm)
86	callDspSdd	Num	8	Source (Disp or Defib): 1st 911 call received at dispatch time
87	v1DspSdd	Num	8	Source (Disp or Defib): 1st vehicle dispatch time
88	v1ArrSdd	Num	8	Source (Disp or Defib): 1st vehicle arrival at scene time
89	emsAedSdd	Num	8	Source (Disp or Defib): 1st fire/EMS AED/defib turned on time
90	emsCprSdd	Num	8	Source (Disp or Defib): 1st fire/EMS CPR time
91	emsShockSdd	Num	8	Source (Disp or Defib): 1st fire/EMS shock time
92	alsArrSdd	Num	8	Source (Disp or Defib): 1st ALS arrival at scene time
93	ivioSdd	Num	8	Source (Disp or Defib): 1st successful fire/EMS IV/IO access
94	epivasoSdd	Num	8	Source (Disp or Defib): 1st epinephrine or vasopressin time
95	airwaySdd	Num	8	Source (Disp or Defib): 1st successful fire/EMS advanced airway time
96	xportSdd	Num	8	Source (Disp or Defib): Patient transported from scene time
97	destArrSdd	Num	8	Source (Disp or Defib): Fire/EMS destination arrival time
98	roscSdd	Num	8	Source (Disp or Defib): 1st ROSC time
99	resusStopSdd	Num	8	Source (Disp or Defib): Resuscitation stopped due to death time
100	nonEmsShockSdd	Num	8	Source (Disp or Defib): 1st no-fire/EMS shock time
101	hypothermSdd	Num	8	Source (Disp or Defib): Hypothermia started by fire/EMS time
102	compDevSdd	Num	8	Source (Disp or Defib): 1st mechanical compression device time
103	callDspSync	Num	8	1st 911 call received at dispatch synced to atomic clock
104	v1DspSync	Num	8	1st vehicle dispatch synced to atomic clock
105	v1ArrSync	Num	8	1st vehicle arrival at scene synced to atomic clock
106	emsAedSync	Num	8	1st fire/EMS AED/defib turned on synced to atomic clock
107	emsCprSync	Num	8	1st fire/EMS CPR synced to atomic clock
108	emsShockSync	Num	8	1st fire/EMS shock synced to atomic clock
109	alsArrSync	Num	8	1st ALS arrival at scene synced to atomic clock
110	ivioSync	Num	8	1st successful fire/EMS IV/IO access synced to atomic clock
111	epivasoSync	Num	8	1st epinephrine or vasopressin synced to atomic clock
112	airwaySync	Num	8	1st successful fire/EMS advanced airway synced to atomic clock
113	xportSync	Num	8	Patient transported from scene synced to atomic clock

Num	Variable	Type	Len	Label
114	destArrSync	Num	8	Fire/EMS destination arrival synced to atomic clock
115	roscSync	Num	8	1st ROSC synced to atomic clock
116	resusStopSync	Num	8	Resuscitation stopped due to death synced to atomic clock
117	nonEmsShockSync	Num	8	1st no-fire/EMS shock synced to atomic clock
118	hypothermSync	Num	8	Hypothermia started by fire/EMS synced to atomic clock
119	compDevSync	Num	8	1st mechanical compression device synced to atomic clock
120	locpub	Num	8	Episode Location public/non-public
121	loctyp	Num	8	Episode Location public/non-public type
122	restyp	Num	8	Episode Location: public/non-public: Residential institution type
123	age	Num	8	Age
124	agesrp	Num	8	Age Source
125	agecat	Num	8	Age Category
126	sex	Num	8	Gender/Sex
127	hispanic	Num	8	Race/ethnicity: Hispanic or Latino
128	otherrace	Num	8	Race/ethnicity: Other
129	white	Num	8	Race/ethnicity: White/Caucasian
130	black	Num	8	Race/ethnicity: African-American/Black
131	unkrc	Num	8	Race/ethnicity: Unknown/not noted
132	witem	Num	8	Cardiac arrest occurred before fire/EMS arrival (EMS did not witness arrest) or after fire/EMS arrival (EMS witnessed arrest)
133	witbys	Num	8	Cardiac arrest before fire/EMS arrival: Bystander witnessed collapse?
134	resbys	Num	8	Resuscitation attempted by bystanders?
135	cpratt	Num	8	Bystander CPR attempted prior to fire/EMS arrival
136	cprlay	Num	8	CPR attempted by lay person?
137	cprpol	Num	8	CPR attempted by police?
138	cprhlc	Num	8	CPR attempted by healthcare worker?
139	cproth	Num	8	CPR attempted by other?
140	cprunk	Num	8	CPR attempted by unknown?
141	dspins	Num	8	Dispatch instructions given for bystander CPR
142	cconly	Num	8	Bystander CPR type: chest compressions only
143	ccvent	Num	8	Bystander CPR type: chest compressions plus ventilations
144	tcprun	Num	8	Bystander CPR type: not known/not noted
145	aedapp	Num	8	Bystander applied AED/defib prior to fire/EMS arrival
146	aedshk	Num	8	Bystander Shocks delivered
147	naedsh	Num	8	Number of AED shocks delivered
148	aedwho	Num	8	AED/defib applied by who?
149	plslst	Num	8	Was pulse lost after documented first ROSC, prior to first ED arrival?
150	evibld	Num	8	CCC and old Epistry 3 only: Evidence of bloody fluid or frank blood in airway?
151	icdevi	Num	8	Evidence of implantable cardioverter defibrillator?

Num	Variable	Type	Len	Label
152	icdshk	Num	8	If Implantable cardioverter defibrillator present, is shock delivered during prehospital care?
153	pnoint	Num	8	No pre-hospital intervention by fire/EMS
154	ccems	Num	8	PH intervention: EMS chest compressions
155	ccman	Num	8	PH intervention: chest compressions: manual EMS Compressions
156	ccmech	Num	8	PH intervention: chest compressions: mechanical EMS Compressions
157	mechdev1	Num	8	PH intervention: chest compressions: mechanical: mechanical compression device: 1
158	mechdev2	Num	8	PH intervention: chest compressions: mechanical: mechanical compression device: 2
159	mechdev3	Num	8	PH intervention: chest compressions: mechanical: mechanical compression device: 3
160	omech	Num	8	PH intervention: chest compressions: mechanical: mechanical compression device: Other
161	pbag2	Num	8	PH intervention: Airway, bag-mask
162	ptrach	Num	8	PH intervention: Continuation of non-EMS airway (tracheostomy)
163	padare	Num	8	PH intervention: Airway advanced, endotracheal
164	co2det	Num	8	PH intervention: advanced airway, endotracheal: If ET successful, CO2 detector
165	capnog	Num	8	PH intervention: advanced airway, endotracheal: If ET successful, capnography (ETCO2)
166	nonrec	Num	8	PH intervention: advanced airway, endotracheal: If ET successful, no EMS documentation related to assessment related to CO2 or ETCO2
167	padars	Num	8	PH intervention: Airway advanced, supraglottal and other (Other Supraglottic Airway)
168	othsupair	Num	8	PH intervention: advanced airway, superglottal: Combitube, EOA (esophageal obturator airway), I-gel
169	othsarsuc	Num	8	PH intervention: advanced airway, superglottal: Successful
170	klt	Num	8	PH intervention: advanced airway, supraglottal: King LT
171	ltsuc	Num	8	PH intervention: advanced airway, supraglottal: King LT successful
172	kltd	Num	8	PH intervention: advanced airway, supraglottal: King LT-D
173	ltdsuc	Num	8	PH intervention: advanced airway, supraglottal: King LT-D successful
174	kltsd	Num	8	PH intervention: advanced airway, supraglottal: King LTS-D
175	ltssuc	Num	8	PH intervention: advanced airway, supraglottal: King LTS-D successful
176	lma	Num	8	PH intervention: advanced airway, supraglottal: LMA (laryngeal mask airway)
177	lmassuc	Num	8	PH intervention: advanced airway, supraglottal: LMA successful
178	aco2det	Num	8	PH intervention: advanced airway, supraglottal: If advanced airway successful, CO2 detector
179	acapnog	Num	8	PH intervention: advanced airway, supraglottal: If advanced airway successful, capnography (ETCO2)
180	anonrec	Num	8	PH intervention: advanced airway, supraglottal: If advanced airway successful, no EMS documentation related to assessment related to CO2 or ETCO2
181	othair	Num	8	PH intervention: advanced airway, supraglottal: Other airway
182	oairty	Num	8	PH intervention: advanced airway, supraglottal: Other airway type
183	crisuc	Num	8	PH intervention: advanced airway, supraglottal: Other: Cricothyrotomy successful
184	oasucc	Num	8	Specify: PH intervention: advanced airway, supraglottal: Other airway successful
185	phypt2	Num	8	PH intervention: Hypothermia therapy
186	phypoe	Num	8	PH intervention: Hypothermia therapy: External
187	phypoi	Num	8	PH intervention: Hypothermia therapy: Internal

Num	Variable	Type	Len	Label
188	pfluid2	Num	8	PH intervention: IV/IO line
189	pconiv	Num	8	PH intervention: IV/IO line: Continuation of existing IV?
190	piv	Num	8	PH intervention: IV/IO line: IV
191	pivsuc	Num	8	PH intervention: IV/IO line: IV successful
192	ivinco	Num	8	PH intervention: IV/IO line: IV successful: type
193	pio	Num	8	PH intervention: IV/IO line: IO intravascular line
194	piosuc	Num	8	PH intervention: IV/IO line: IO successful
195	pfldlv	Num	8	PH intervention: IV/IO line: Fluid given
196	fldvol	Num	8	PH intervention: IV/IO line: Estimated volume of fluids given/delivered in milliliters
197	fvlunk	Num	8	PH intervention: IV/IO line: Unknown volume of fluids given
198	pmon2	Num	8	PH intervention: Advanced monitor attempted
199	petco2	Num	8	PH intervention: Monitor, advanced: ETCO2 attempted
200	ppace	Num	8	PH intervention: Monitor, advanced: PACE/Pacing attempted
201	pecg	Num	8	PH intervention: Monitor, advanced: 12-lead attempted
202	stelev	Num	8	PH intervention: Monitor, advanced: 12-lead: If 12-lead attempted, ST-elevation reported
203	emesis	Num	8	Emesis noted before advanced airway
204	pdrnodr	Num	8	No drug given from following list: beta blocker category, bicarbonate, dextrose, dopamine, paralytics category, pressors/inotropes category, sedation category
205	sclass	Num	8	Etiology of Arrest Site Classification
206	pdisp	Num	8	Pre-Hospital Patient Disposition
207	pyhlt2	Num	8	Disposition: why was EMS treatment halted?
208	prosc	Num	8	Disposition: patient status at first ED arrival
209	phdamio	Num	8	PH Drugs: Amiodarone Amiodarone
210	phdatrop	Num	8	PH Drugs: Atropine
211	phdepin	Num	8	PH Drugs: Epinephrine
212	phdvaso	Num	8	PH Drugs: Vasopressin
213	phdlido	Num	8	PH Drugs: Lidocaine
214	phdbeta	Num	8	PH Drugs: Beta Blocker Category Given
215	phdbicarb	Num	8	PH Drugs: Bicarbonate
216	phddext	Num	8	PH Drugs: Dextrose
217	phddopa	Num	8	PH Drugs: Dopamine Given
218	phdmagn	Num	8	PH Drugs: Magnesium
219	phdpara	Num	8	PH Drugs: Paralytics Given
220	phdpress	Num	8	PH Drugs: Pressors/inotropes Given
221	phdproca	Num	8	PH Drugs: Procainamide
222	phdseda	Num	8	PH Drugs: Sedation Category Given
223	phdamiods	Num	8	PH Drugs: Amiodarone Total dose (mg)
224	phdatropds	Num	8	PH Drugs: Atropine Total dose (mg)
225	phdepinds	Num	8	PH Drugs: Epinephrine Total dose (mg)

Num	Variable	Type	Len	Label
226	phdvasods	Num	8	PH Drugs: Vasopressin Total dose (mg)
227	phdlidods	Num	8	PH Drugs: Lidocaine Total dose (mg)
228	phdamioiv	Num	8	PH Drugs: Amiodarone route: IV
229	phdatropiv	Num	8	PH Drugs: Atropine route: IV
230	phdepiniv	Num	8	PH Drugs: Epinephrine route: IV
231	phdvasoiv	Num	8	PH Drugs: Vasopressin route: IV
232	phdlidoiv	Num	8	PH Drugs: Lidocaine route: IV
233	phdamioet	Num	8	PH Drugs: Amiodarone route: endotracheal (ET)
234	phdatropet	Num	8	PH Drugs: Atropine route: endotracheal (ET)
235	phdepinet	Num	8	PH Drugs: Epinephrine route: endotracheal (ET)
236	phdvasoet	Num	8	PH Drugs: Vasopressin route: endotracheal (ET)
237	phdlidoet	Num	8	PH Drugs: Lidocaine route: endotracheal (ET)
238	phdamioio	Num	8	PH Drugs: Amiodarone route: IO
239	phdatropio	Num	8	PH Drugs: Atropine route: IO
240	phdepinio	Num	8	PH Drugs: Epinephrine route: IO
241	phdvasoio	Num	8	PH Drugs: Vasopressin route: IO
242	phdlidoio	Num	8	PH Drugs: Lidocaine route: IO
243	phdamiodp	Num	8	PH Drugs: Amiodarone route: drip
244	phdatropdp	Num	8	PH Drugs: Atropine route: drip
245	phdepin dp	Num	8	PH Drugs: Epinephrine route: drip
246	phdvasodp	Num	8	PH Drugs: Vasopressin route: drip
247	phdlidodp	Num	8	PH Drugs: Lidocaine route: drip
248	edartm	Num	8	First ED arrival time (relative to callDspAlnTm)
249	edspdt	Num	8	ED discharge date (relative to edardt)
250	edsptm	Num	8	ED discharge time (relative to edartm)
251	edispx	Num	8	Final ED discharge status
252	noedad	Num	8	Patient bypassed ED and admitted to hospital
253	emset	Num	8	Potential adverse events: Arrived at 1st ED with fire/EMS advanced airway
254	eetrpl	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: advanced airway replaced in 1st ED
255	eetrps	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: fire/EMS advanced airway repositioned in 1st ED
256	eetdoc	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: airway repositioned in 1st ED: documented reason for repositioning adv airway
257	xfered	Num	8	Transferred to another ED
258	xferdt1	Num	8	Date of 1st transfer to another acute care hospital/ED (relative to edardt)
259	xferdt2	Num	8	Date of 2nd transfer to another ED (relative to edardt)
260	hdspdt	Num	8	Acute care hospital discharge, reclassification, or death date (relative to edardt)
261	hdsptm	Num	8	Acute care hospital discharge, reclassification, or death time (relative to edartm)
262	fvshsp	Num	8	Final hospital discharge status

Num	Variable	Type	Len	Label
263	hvssrc	Num	8	Source for discharge status from final hospital
264	hadmdt	Num	8	Hospital admit date
265	hadmtm	Num	8	Hospital admit time
266	hxhypr	Num	8	History prior to arrest: hypertension
267	hxdiab	Num	8	Glucose control: Insulin given within 48 hours of first ED arrival: History prior to arrest: diabetes
268	preres	Num	8	Residential status prior to arrest/event
269	prehom	Num	8	Residential status: Home Assistance at home prior to event
270	idyccu	Num	8	Total days in CCU/ICU, initial continuous
271	dyicnn	Num	8	CCU/ICU days unknown/not noted
272	idyvnt	Num	8	Ventilator days, initial continuous
273	unkvdy	Num	8	Ventilator days unknown/not noted
274	ptawkn	Num	8	Did patient awaken in ED or hospital?
275	awkndt	Num	8	Date first awakened in ED/hospital (relative to edardt)
276	dtawnn	Num	8	Date first awakened in ED/hospital not known
277	dnrhsp	Num	8	Order written for DNR or care limited/withdrawn/reduced during hospitalization (in ED or Hospital)?
278	dnrca	Num	8	DNR
279	cadndt	Num	8	DNR date (relative to edardt)
280	cadntm	Num	8	DNR time (relative to edartm)
281	dntmna	Num	8	DNR time not noted
282	carelw	Num	8	Limited or withdrawal of care
283	crlwdt	Num	8	Limited or withdrawal of care date (relative to edardt)
284	crlwtm	Num	8	Limited or withdrawal of care time (relative to edartm)
285	cltmna	Num	8	Limited or withdrawal of care time not noted
286	dcres	Num	8	Discharge status: disposition: Residential status at final vital status
287	dchome	Num	8	Discharge status: disposition: Assistance at home at final vital
288	hdsnon	Num	8	Discharge summary listed conditions: none listed from Hospital
289	othgencon	Num	8	Discharge conditions: general: airway bleeding, bleeding requiring intervention, cerebral bleeding, stroke, CVA, coronary artery bypass grafting
290	hypten	Num	8	Discharge conditions: general: hypotension requiring vasopressors
291	hreca	Num	8	Discharge conditions: general: recurrent cardiac arrest
292	hseiz	Num	8	Discharge conditions: general: seizures
293	hsepss	Num	8	Discharge conditions: general: sepsis
294	abdomcon	Num	8	Discharge conditions: abdomen: internal abdominal injury, liver laceration, bleeding internal, acute liver failure
295	othchestcon	Num	8	Discharge conditions: chest: internal thoracic injury, pneumonia, rib fractures, sternal
296	hpneum	Num	8	Discharge conditions: chest: pneumonia
297	hpuled	Num	8	Discharge conditions: chest: pulmonary edema
298	hothcn	Num	8	Discharge conditions: Other major medical or surgical conditions (Y/N)

Num	Variable	Type	Len	Label
299	hdcMrs	Num	8	Modified Rankin Scale at hospital discharge
300	xferdt3	Num	8	Date of 3rd transfer to another ED (relative to edardt)
301	xferdt4	Num	8	Date of 4th transfer to another ED (relative to edardt)
302	emsshk	Num	8	Any shocks delivered by EMS/fire responders?
303	numshk	Num	8	Number of shocks delivered by EMS/fire responders
304	agelt18	Num	8	Any shocks delivered by EMS/fire responders?: Age < 18 years?
305	noaed	Num	8	Initial Bystander (non EMS) AED/defibrillator CA Rhythm NA
306	nopadaed	Num	8	No PAD/AED applied
307	faedtm	Num	8	1st CA rhythm with non EMS AED/defibrillator - time of rhythm (relative to callDspAlnTm)
308	frhyae	Num	8	Initial non-EMS AED/defibrillator CA rhythm type
309	fraesr	Num	8	Source of initial non-EMS AED/defibrillator CA rhythm
310	noems	Num	8	Initial EMS CA rhythm NA
311	nocarhythm	Num	8	No CA rhythm
312	frhytm	Num	8	Time of initial EMS CA rhythm (relative to callDspAlnTm)
313	frhyem	Num	8	Initial EMS CA rhythm type
314	frhysr	Num	8	Source of initial EMS CA rhythm
315	peabpm	Num	8	Initial rhythm: PEA rate
316	peartu	Num	8	Initial rhythm: If PEA, rate unknown/not noted
317	cprprc	Num	8	Did ECG provide CPR process measurements?
318	emstxa	Num	8	Compliance: fire/EMS documented intended randomization arm
319	cmplrn	Num	8	Continuous ECG shows compliance with CTC-assigned therapy?
320	rndfol	Num	8	Continuous ECG shows compliance: Did fire/EMS follow randomization arm?
321	yncmpl	Num	8	Compliance: if randomization arm not followed, why not compliant?
322	ecgapp1	Num	8	ECG Device 1 type
323	ecgapp2	Num	8	ECG Device 2 type
324	ecgapp3	Num	8	ECG Device 3 type
325	ecgapp4	Num	8	ECG Device 4 type
326	ecgmfg1	Num	8	ECG Device 1 Manufacturer
327	ecgmfg2	Num	8	ECG Device 2 Manufacturer
328	ecgmfg3	Num	8	ECG Device 3 Manufacturer
329	ecgmfg4	Num	8	ECG Device 4 Manufacturer
330	recrd1	Num	8	Recording exists?: first ECG placed
331	recrd2	Num	8	Recording exists?: second ECG placed
332	recrd3	Num	8	Recording exists?: third ECG placed
333	recrd4	Num	8	Recording exists?: fourth ECG placed
334	powrontm1	Num	8	Power On (machine turned on) Time: 1 (relative to callDspAlnTm)
335	powrontm2	Num	8	Power On (machine turned on) Time: 2 (relative to callDspAlnTm)
336	powrontm3	Num	8	Power On (machine turned on) Time: 3 (relative to callDspAlnTm)
337	powrontm4	Num	8	Power On (machine turned on) Time: 4 (relative to callDspAlnTm)

Num	Variable	Type	Len	Label
338	padsontm1	Num	8	Pads On: Time pads were placed: 1 (relative to callDspAlnTm)
339	padsontm2	Num	8	Pads On: Time pads were placed: 2 (relative to callDspAlnTm)
340	padsontm3	Num	8	Pads On: Time pads were placed: 3 (relative to callDspAlnTm)
341	padsontm4	Num	8	Pads On: Time pads were placed: 4 (relative to callDspAlnTm)
342	ecgsynch1	Num	8	Pads On: ECG synched to atomic clock?: 1
343	ecgsynch2	Num	8	Pads On: ECG synched to atomic clock?: 2
344	ecgsynch3	Num	8	Pads On: ECG synched to atomic clock?: 3
345	ecgsynch4	Num	8	Pads On: ECG synched to atomic clock?: 4
346	adjtm1	Num	8	Adjusted Time: 1 (pads on) (relative to callDspAlnTm)
347	adjtm2	Num	8	Adjusted Time: 2 (pads on) (relative to callDspAlnTm)
348	adjtm3	Num	8	Adjusted Time: 3 (pads on) (relative to callDspAlnTm)
349	cprmeas1	Num	8	CPR process measures available?: 1
350	cprmeas2	Num	8	CPR process measures available?: 2
351	cprmeas3	Num	8	CPR process measures available?: 3
352	cprmeas4	Num	8	CPR process measures available?: 4
353	cpredh	Num	8	CPR done in ED/hospital
354	mancmp	Num	8	CPR done in ED/hospital: manual compressions: where Manual compressions location
355	mncwhr	Num	8	CPR done in ED/hospital: manual compressions location
356	mchcmp	Num	8	CPR done in ED/hospital: mechanical compressions
357	mccwhr	Num	8	CPR done in ED/hospital: mechanical compressions location
358	ehnopr	Num	8	No major procedures from list noted in any ED or acute care hospital
359	cath24	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization location
360	cathint24	Num	8	Percutaneous coronary intervention (PCI) in addition to diagnostic angiography?
361	pci24	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization: PCI?
362	blni24	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization: PCI: balloon inflated?
363	bi24tm	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization: PCI: 1st device/balloon inflation time (relative to edartm)
364	notmbi	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization: PCI: 1st device/balloon inflation time not noted
365	stnt24	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization: PCI: stent placed
366	rotathe24	Num	8	Within 24 hours of first ED arrival: 1st cardiac catheterization: PCI: Rotational atherectomy done?
367	cxr24	Num	8	Within 24 hours of first ED arrival: 1st CXR
368	cx24dt	Num	8	Within 24 hours of first ED arrival: 1st CXR date (relative to edardt)
369	cx24tm	Num	8	Within 24 hours of first ED arrival: 1st CXR time (relative to edartm)
370	notmex	Num	8	Within 24 hours of first ED arrival: 1st CXR Time or Date not noted
371	xrav24	Num	8	Within 24 hours of first ED arrival: CXR Report Available
372	pled24	Num	8	Within 24 hours of first ED arrival: 1st CXR Report Available and Pulmonary edema noted
373	aspr24	Num	8	Within 24 hours of first ED arrival: 1st CXR Report Available and aspiration noted
374	pneu24	Num	8	Within 24 hours of first ED arrival: 1st CXR Report Available and pneumothorax noted

Num	Variable	Type	Len	Label
375	rbfr24	Num	8	Within 24 hours of first ED arrival: 1st CXR Report Available and rib fractures noted
376	mstmin	Num	8	Within 24 hours of first ED arrival: 1st CXR Report Available, and main stem intubation noted
377	ecg24	Num	8	Within 24 hours of first ED arrival: 1st 12-lead ECG
378	ec24dt	Num	8	Within 24 hours of first ED arrival: 1st 12-lead ECG date (relative to edardt)
379	ec24tm	Num	8	Within 24 hours of first ED arrival: 1st 12-lead ECG time (relative to edartm)
380	notmec	Num	8	Within 24 hours of first ED arrival: 1st 12-lead ECG time or date not noted
381	stemed	Num	8	Within 24 hours of first ED arrival: 1st 12-lead ECG time: acute myocardial injury (STEMI) per physician/ED notes
382	stemec	Num	8	Within 24 hours of first ED arrival: 1st 12-lead ECG time: acute myocardial injury (STEMI) per final interpreted ECG?
383	fibr24	Num	8	Within 24 hours of first ED arrival: Fibrinolytics 1st dose
384	fb24dt	Num	8	Within 24 hours of first ED arrival: Fibrinolytics 1st dose date (relative to edardt)
385	fb24tm	Num	8	Within 24 hours of first ED arrival: Fibrinolytics 1st dose time (relative to edartm)
386	notmfb	Num	8	Within 24 hours of first ED arrival: fibrinolytics 1st dose time or date not noted
387	itmp24	Num	8	Within 24 hours of first ED arrival: Initial temperature recorded
388	tm24dt	Num	8	Within 24 hours of first ED arrival: Initial temperature recorded date (relative to edardt)
389	tm24tm	Num	8	Within 24 hours of first ED arrival: Initial temperature recorded time (relative to edartm)
390	notmit	Num	8	Within 24 hours of first ED arrival: initial temperature recorded time or date not noted
391	temp24	Num	8	Within 24 hours of first ED arrival: Initial temp: Temperature
392	tmpunt	Num	8	Within 24 hours of first ED arrival: Initial temp: Temperature units
393	tmpmth	Num	8	Within 24 hours of first ED arrival: Initial temp: Temperature method
394	echo72	Num	8	Within 72 hours of first ED arrival: Echocardiogram
395	hmon72	Num	8	Within 72 hours of first ED arrival: hemodynamic monitoring
396	pacath	Num	8	Within 72 hours of first ED arrival: hemodynamic monitoring, pulmonary artery cath method
397	artrln	Num	8	Within 72 hours of first ED arrival: hemodynamic monitoring, arterial line method
398	hsup72	Num	8	Within 72 hours of first ED arrival: hemodynamic support, pressor
399	hsud72	Num	8	Within 72 hours of first ED arrival: hemodynamic support, device
400	hsudia	Num	8	Within 72 hours of first ED arrival: Hemodynamic support, device: IABP
401	hsudec	Num	8	Within 72 hours of first ED arrival: Hemodynamic support, device: ECMO
402	eegat	Num	8	Any time after first ED arrival: EEG test or continuous monitoring, location
403	eegtst	Num	8	Any time after first ED arrival: EEG test or continuous monitoring
404	eegtdt	Num	8	Any time after first ED arrival: EEG test or continuous monitoring date (relative to edardt)
405	eegttn	Num	8	Any time after first ED arrival: EEG test or continuous monitoring time or date not noted
406	eegttm	Num	8	Any time after first ED arrival: EEG test or continuous monitoring time (relative to edartm)
407	acontx	Num	8	Any time after first ED arrival: Receipt of anticonvulsant, anticonvulsant therapy
408	hctsd	Num	8	Any time after first ED arrival: Head CT Scan date (relative to edardt)
409	hcdtnn	Num	8	Any time after first ED arrival: Head CT Scan date not noted
410	ssep	Num	8	Any time after first ED arrival: SSEP
411	ssepd	Num	8	Any time after first ED arrival: SSEP date (relative to edardt)

Num	Variable	Type	Len	Label
412	ssepnd	Num	8	Any time after first ED arrival: SSEP date not noted
413	ehthat	Num	8	Any time after first ED arrival: Hypothermia continued or started in ED
414	dmthed	Num	8	Any time after first ED arrival: Hypothermia started in ED or different methods than pre-hospital methods started in ED
415	exthyp	Num	8	Any time after first ED arrival: External hypothermia started in ED
416	exthdt	Num	8	Any time after first ED arrival: External hypothermia started in ED, date (relative to edardt)
417	exthtm	Num	8	Any time after first ED arrival: External hypothermia started in ED, time (relative to edartm)
418	notmeh	Num	8	Any time after first ED arrival: External hypothermia started in ED, time or date not noted
419	ehcbln	Num	8	Any time after first ED arrival: External hypothermia started in ED with cooling blankets
420	ehicep	Num	8	Any time after first ED arrival: External hypothermia started in ED with ice packs
421	ehadjp	Num	8	Any time after first ED arrival: External hypothermia started in ED, adjustable cooling pads
422	inthyp	Num	8	Any time after first ED arrival: Internal hypothermia started in ED
423	inthdt	Num	8	Any time after first ED arrival: Internal hypothermia started in ED, date (relative to edardt)
424	inthtm	Num	8	Any time after first ED arrival: Internal hypothermia started in ED, time (relative to edartm)
425	notmih	Num	8	Any time after first ED arrival: Internal hypothermia started in ED, time or date not noted
426	hhthat	Num	8	After first ED arrival: Hypothermia continued or started in hospital Refer to original Epistry 3 and Cardiac data collection forms to see differences in question formats!!
427	dmthhs	Num	8	After first ED arrival: Hypothermia started in Hospital or different methods of hypothermia started in hospital
428	hxthyp	Num	8	After first ED arrival: External Hypothermia continued or started in hospital
429	hxthdt	Num	8	After first ED arrival: External Hypothermia continued or started in hospital, date (relative to edardt)
430	hxthtm	Num	8	After first ED arrival: External Hypothermia continued or started in hospital, time (relative to edartm)
431	notm	Num	8	After first ED arrival: Hypothermia continued or started in hospital, External time or date not noted
432	hhcbln	Num	8	After first ED arrival: External Hypothermia continued or started in hospital, cooling blankets
433	hhicep	Num	8	After first ED arrival: External Hypothermia continued or started in hospital, ice packs
434	othhospexttype	Num	8	After first ED arrival: External Hypothermia continued of started in hospital, adhesive pads, adjustable cooling pads, other method, unknown not/noted
435	hhihyp	Num	8	After first ED arrival: Internal Hypothermia continued or started in hospital
436	hithdt	Num	8	After first ED arrival: Internal Hypothermia continued or started in hospital, date (relative to edardt)
437	hithtm	Num	8	After first ED arrival: Internal Hypothermia continued or started in hospital, time (relative to edartm)
438	nothih	Num	8	After first ED arrival: Hypothermia continued or started in hospital, Internal time or date not noted
439	hcldiv	Num	8	After first ED arrival: Internal Hypothermia continued or started in hospital, Cold IV Fluids
440	hclend	Num	8	After first ED arrival: Internal Hypothermia continued or started in hospital, Endovascular
441	endvss	Num	8	After first ED arrival: Internal Hypothermia continued or started in hospital, Endovascular: specify insertion site
442	hctscn	Num	8	Any time after first ED arrival: Head CT Scan

Num	Variable	Type	Len	Label
443	icdimp	Num	8	After first ED arrival: ICD implanted this stay or transferred to other hospital for ICD, implanted in ED or Hospital for Epistry 1
444	abg24	Num	8	Arterial blood gases (ABGs) drawn within 24 hours of first ED arrival
445	insgvn	Num	8	Glucose control: Insulin given within 48 hours of first ED arrival
446	finsdt	Num	8	Glucose control: Insulin given within 48 hours of first ED arrival, 1st dose date (relative to edardt)
447	finstm	Num	8	Glucose control: Insulin given within 48 hours of first ED arrival, 1st dose time (relative to edartm)
448	notmgl	Num	8	Glucose control: Insulin given within 48 hours of first ED arrival, 1st dose time or date not noted
449	notmhh	Num	8	After first ED arrival: Hypothermia started in Hospital or different methods of hypothermia started in hospital: time not noted
450	notify	Num	8	Patient and/or family/LAR notified that patient was in study
451	nfam	Num	8	Patient/family/LAR notified: family
452	nfamdt	Num	8	Patient/family/LAR notified: family: date (relative to edardt)
453	npat	Num	8	Patient/family/LAR notified: patient notified
454	npatdt	Num	8	Patient/family/LAR notified: patient: date Patient notified (relative to edardt)
455	nlar	Num	8	Patient/family/LAR notified: LAR
456	nlardt	Num	8	Patient/family/LAR notified: LAR: date (relative to edardt)
457	noteforccc	Num	8	Patient/family/LAR notified: notified for CCC
458	atmptmade	Num	8	Was attempt made to notify?
459	notnotify	Num	8	Patient/family/LAR notified: not notified, why
460	revwd	Num	8	Patient/family/LAR withdrew from record review after notification
461	revwfl	Num	8	Patient/family/LAR withdrew: family withdrew
462	rwfldt	Num	8	Patient/family/LAR withdrew: family withdrew: date (relative to edardt)
463	revwpt	Num	8	Patient/family/LAR withdrew: patient withdrew
464	rwptdt	Num	8	Patient/family/LAR withdrew: patient withdrew: date (relative to edardt)
465	withdrewccc	Num	8	Patient/family/LAR withdrew: withdrew from CCC
466	rosopr	Num	8	ROSC: ROSC detected prior to or after 1st ED arrival
467	cirsus	Num	8	ROSC: Circulation sustained at least one hour
468	sedatd	Num	8	Neurological status: sedated
469	parlyz	Num	8	Neurological status: paralyzed
470	hlrspn	Num	8	Neurological status: level of response
471	hypths	Num	8	Hypothermia started in ED or hospital
472	serble	Num	8	Hypothermia started in ED or hospital: uncontrolled or serious bleeding
473	fhytmp	Num	8	First temperature at onset of ED
474	fhtunt	Num	8	First temperature at onset of ED: units
475	fhypdt	Num	8	First temperature at onset of ED: date (relative to edardt)
476	fhyptm	Num	8	First temperature at onset of ED: time (relative to edartm)
477	fhtdnn	Num	8	First temperature at onset of ED: time/date not noted

Num	Variable	Type	Len	Label
478	nocooltmp	Num	8	Temperature during cooling phase: no temperature data
479	cooltmp	Num	8	Temperature during cooling phase: all available information entered
480	cldcdt	Num	8	Cooling discontinued date (relative to edardt)
481	cldctm	Num	8	Cooling discontinued time (relative to edartm)
482	ptdied	Num	8	Cooling discontinued: patient died prior to completion of cooling therapy
483	nowarmtmp	Num	8	Temperature during re-warming phase: no temperature data
484	warmtmp	Num	8	Temperature during re-warming phase: all available information entered
485	hitemp	Num	8	Highest temperature during the first 48 hours after cooling stopped
486	hitmpunt	Num	8	Units of highest temperature during first 48 hours after cooling stopped
487	hitmpdt	Num	8	Date of highest temperature during first 48 hours after cooling stopped (relative to edardt)
488	hitmptm	Num	8	Time of highest temperature during first 48 hours after cooling stopped (relative to edartm)
489	hitmpnn	Num	8	Date/time of highest temperature during first 48 hours after cooling stopped not recorded
490	vsdisc	Num	8	Vital Status at Hospital Discharge
491	enroll	Num	8	Inclusion/exclusion criteria met: It is not met if any of the following hold: inclcrit^=1, exclcrit^=1, fstagy=-1.
492	period	Num	8	Study Treatment Period
493	treatment	Num	8	Assignment to 30:2 (placebo) arm or to CCC arm (treatment).
494	clusterid	Num	8	Randomization Cluster ID for CCC, where the randomization clusters are loosely determined by agency, county, or region.
495	icuunk	Num	8	Number of days/date of last CCU/ICU stay not known/noted
496	icudt	Num	8	Date of last CCU/ICU stay
497	ventunk	Num	8	Number of days or date of last ventilator use not known/noted
498	ventdt	Num	8	Date of last ventilator use (relative to edardt)
499	adjtm4	Num	8	Adjusted Time: 4 (pads on) (relative to callDspAlnTm)
500	attcabl1	Num	8	Attenuated cables used: 1
501	attcabl2	Num	8	Attenuated cables used: 2
502	attcabl3	Num	8	Attenuated cables used: 3
503	cxds1g	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: dislodgement
504	cxexnt	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: esophageal intubation
505	cxmsin	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: main stem intubation
506	cxnone	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: none of the above
507	emsWitAlnTm	Num	8	Aligned time: Arrest witnessed by fire/EMS (relative to callDspAlnTm)
508	emsWitNdt	Num	8	No documented time: Arrest witnessed by fire/EMS
509	emsWitOrder	Num	8	Event order: Arrest witnessed by fire/EMS
510	emsWitSdd	Num	8	Source (Disp or Defib): Arrest witnessed by fire/EMS time
511	emsWitSync	Num	8	Synced to Atomic Clock: Arrest witnessed by fire/EMS
512	evsalt	Num	8	ED discharge status non-hospital chart source?
513	nocxed	Num	8	Potential adverse events: Arrived at 1st ED with advanced airway: not done prior to reposition or replacement
514	shkjul1	Num	8	Joules: 1

Num	Variable	Type	Len	Label
515	shkjul2	Num	8	Joules: 2
516	shkjul3	Num	8	Joules: 3
517	shkjulnn1	Num	8	Joules not noted: 1
518	shkjulnn2	Num	8	Joules not noted: 2
519	shkjulnn3	Num	8	Joules not noted: 3
520	shkna1	Num	8	Shock not applicable: 1
521	shkna2	Num	8	Shock not applicable: 2
522	shkna3	Num	8	Shock not applicable: 3
523	shksrc1	Num	8	Shock info source: 1
524	shksrc2	Num	8	Shock info source: 2
525	shksrc3	Num	8	Shock info source: 3

Data Set Name: *compression.sas7bdat*

Num	Variable	Type	Len	Label
1	caseid	Num	8	CTC Case ID: De-identified unique ID
2	linenumber	Num	8	Record number
3	cmpdep	Num	8	Compression depth
4	cmprat	Num	8	Compression rate
5	cmprel	Num	8	Incomplete compression release
6	devrdc	Num	8	Device number
7	minutm	Num	8	Minute time
8	compunanl	Num	8	Compression unanalyzable (0=No; 1=Yes)

Data Set Name: cpr.sas7bdat

Num	Variable	Type	Len	Label
1	caseid	Num	8	CTC Case ID: De-identified unique ID
2	linenumber	Num	8	Record number
3	devord	Num	8	Device number
4	ecstoptm	Num	8	stop time
5	ecstrttm	Num	8	Start time
6	rsndet	Num	8	Reason determined by?
7	rsnstp	Num	8	Primary reason for stopping
8	shoktm	Num	8	Shock time
9	unanl	Num	8	Unanalyzable (0=No ;1=Yes)

Data Set Name: hypothermia_cool.sas7bdat

Num	Variable	Type	Len	Label
1	caseid	Num	8	CTC Case ID: De-identified unique ID
2	linenumber	Num	8	Record number
3	cooldt	Num	8	Cooling phase of hypothermia therapy - date
4	cooltm	Num	8	Cooling phase of hypothermia therapy - time
5	cooltp	Num	8	Cooling phase of hypothermia therapy - temp
6	coolun	Num	8	Cooling phase of hypothermia therapy - temp unit

Data Set Name: hypothermia_warm.sas7bdat

Num	Variable	Type	Len	Label
1	caseid	Num	8	CTC Case ID: De-identified unique ID
2	linenumber	Num	8	Record number
3	tmpwtdt	Num	8	Re-warming phase of hypothermia therapy - date
4	tmpwtm	Num	8	Re-warming phase of hypothermia therapy - time
5	tmpwtp	Num	8	Re-warming phase of hypothermia therapy - temp
6	tmpwun	Num	8	Re-warming phase of hypothermia therapy - temp unit