

Order	Source*	Measure	Variable Name	Data Type	Width	Text from Abstraction Tool	Values / Range	Missing value	Notes
1	T	.	id	Char	8	.	.	.	
2	T	.	Completed	Date	10	.	.	.	
3	T	.	Last page seen	Char	4	.	1	.	
4	T	.	Start language	Char	4	.	En - English	.	
5	A	.	CorrectRecord	Date	10	Is this the correct medical record?	Yes No	.	
6	A	.	CorrectRecordComment	Date	10	Comments:	.	.	
7	A	.	DOB	Y/N	4	Please enter the patient's date of birth.	1/1/1994 - 12/31/2013 (for valid records)	.	
8	A	.	Sex	Char	4	Please enter the patient's sex	Male Female	.	
9	A	.	AD_ComfortCare	Y/N	4	Was there documentation of an advanced directive for comfort care?	Yes No	.	
10	A	.	Decline_Therapy	Y/N	4	Is there documentation that the patient or surrogate decision maker declined or is willing to consent to therapies?	Yes No	.	
11	A	.	Hospitalized_ED	Y/N	4	Was the patient hospitalized or in the ED?	Yes No	.	
12	A	.	WardOrED_1	Y/N	4	Was the patient in the ward, ED, and/or ICU? (check all that apply) - Ward	Yes No	.	
13	A	.	WardOrED_2	Y/N	4	Was the patient in the ward, ED, and/or ICU? (check all that apply) - ED	Yes No	.	
14	A	.	WardOrED_3	Y/N	4	Was the patient in the ward, ED, and/or ICU? (check all that apply) - ICU	Yes No	.	
15	A	.	Hosp_date	Date	10	Date initially hospitalized in the ward	1/1/2011 - 12/31/2013	.	
16	A	.	Hosp_time_hour	Num	8	Time initially hospitalized - hour	00-23	.	
17	A	.	Hosp_time_min	Num	8	Time initially hospitalized - minute	00-59	.	
18	A	.	ED_present_date	Date	10	Date presented to ED	1/1/2011 - 12/31/2013	.	
19	A	.	ED_present_time_hour	Num	8	Time presented to ED - hour	00-23	.	
20	A	.	ED_present_time_min	Num	8	Time presented to ED - minute	00-59	.	
21	A	.	ED_triage_date	Date	10	Date triaged to ED	1/1/2011 - 12/31/2013	.	
22	A	.	ED_triage_time_hour	Num	8	Time triaged to ED - hour	00-23	.	
23	A	.	ED_triage_time_min	Num	8	Time triaged to ED - minute	00-59	.	
24	A	.	ED_triage_category	Char	4	What is the ED triage category	1-5	.	
25	A	.	ICU_date	Date	10	Date initially hospitalized in the ICU	1/1/2011 - 12/31/2013	.	
26	A	.	ICU_time_hour	Num	8	Time initially hospitalized in the ICU - hour	00-23	.	
27	A	.	ICU_time_min	Num	8	Time initially hospitalized in the ICU - minute	00-59	.	

Sepsis Codebook

28	T	.	MinHospED_Flag	Num	4	if(WardOrED_1.shown, if(WardOrED_2.shown, if(WardOrED_3.shown, 111, 112, 121, 122, 211, 212, 221, 222), if(WardOrED_3.shown, 121, 122)), if(WardOrED_2.shown, if(WardOrED_3.shown, 211, 212), if(WardOrED_3.shown, 221, 222)))	.	
29	T	.	MinHospED_date	Date	10	if(MinHospED_Flag == "121" or MinHospED_Flag == "122", Hosp_date.NAOK, if(MinHospED_Flag == "211" or MinHospED_Flag == "212", ED_present_date.NAOK, if(substr(Hosp_date.NAOK, 0, 4) < substr(ED_present_date.NAOK, 0, 4) or (substr(Hosp_date.NAOK, 0, 4) == substr(ED_present_date.NAOK, 0, 4) and substr(Hosp_date.NAOK, 5, 2) < substr(ED_present_date.NAOK, 5, 2)) or (substr(Hosp_date.NAOK, 0, 4) == substr(ED_present_date.NAOK, 0, 4) and substr(Hosp_date.NAOK, 5, 2) == substr(ED_present_date.NAOK, 5, 2) and substr(Hosp_date.NAOK, 8, 2) < substr(ED_present_date.NAOK, 8, 2)), Hosp_date.NAOK, ED_present_date.NAOK))) if(MinHospED_Flag == "112" or MinHospED_Flag == "122" or MinHospED_Flag == "212", MinHospED_date.NAOK, if(MinHospED_Flag == "221", ICU_date.NAOK, if(substr(MinHospED_date.NAOK, 0, 4) < substr(ICU_date.NAOK, 0, 4) or (substr(MinHospED_date.NAOK, 0, 4) == substr(ICU_date.NAOK, 0, 4) and substr(MinHospED_date.NAOK, 5, 2) == substr(ICU_date.NAOK, 5, 2) and substr(MinHospED_date.NAOK, 8, 2) < substr(ICU_date.NAOK, 8, 2)), MinHospED_date.NAOK, ICU_date.NAOK)))	1/1/2011 - 12/31/2013	.
30	T	.	MinHospEDicu_date	Date	10	substr(MinHospED_date.NAOK, 5, 2) < substr(ICU_date.NAOK, 5, 2)) or (substr(MinHospED_date.NAOK, 0, 4) == substr(ICU_date.NAOK, 0, 4) and substr(MinHospED_date.NAOK, 5, 2) == substr(ICU_date.NAOK, 5, 2) and substr(MinHospED_date.NAOK, 8, 2) < substr(ICU_date.NAOK, 8, 2)), MinHospED_date.NAOK, ICU_date.NAOK)))	1/1/2011 - 12/31/2013	.
31	T	.	Age	Num	4	substr(MinHospEDicu_date, 0, 4) - substr(DOB, 0, 4) + (substr(MinHospEDicu_date, 5, 2) - substr(DOB, 5, 2)) / 12 + (substr(MinHospEDicu_date, 8, 2) - substr(DOB, 8, 2)) / 365.25	0-18	.

Sepsis Codebook

32	T	.	Eligible	Char	4	if(CorrectRecord == 1 and AD_ComfortCare == 2 and Decline_Therapy == 2 and Hospitalized_ED == 1 and age > 0 and age < 19, 1, 0)	0, 1	.
33	A	Dx1	CoreTemp	Y/N	4	For this hospitalization, which of the following criteria for SIRS did the patient meet? Temperature of greater than 38.5 C / 101.4 F or less than 36 C / 96.8 F	Yes No	.
34	A	Dx1	CoreTemp_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
35	A	Dx1	CoreTemp_time_hour	Num	8	.	00-23	.
36	A	Dx1	CoreTemp_time_min	Num	8	.	00-59	.
37	A	Dx1	CoreTemp_CorF	Char	4	Is the temperature measured in C or F?	C F	.
38	A	Dx1	CoreTemp_C	Num	8	What is the temperature (in C)?	30.0-35.9, 38.6-44.0	999
39	A	Dx1	CoreTemp_F	Num	8	What is the temperature (in F)?	90.0-96.8, 101.4-110.0	999
40	T	Dx1	Tach_2SD	Num	8	if(age < 2, 180, if(age < 6, 140, if(age < 13, 130, 110)))	110, 130, 140, 180	.
41	A	Dx1	Tachycardia	Y/N	4	Tachycardia - first heart rate above <Tach_2SD> beats/min in the absence of external stimulus, chronic drugs, or painful stimuli or otherwise unexplained persistent heart rate elevation over a 0.5 to 4-hour time period	Yes No	.
42	A	Dx1	Tach_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
43	A	Dx1	Tach_time_hour	Num	8	.	00-23	.
44	A	Dx1	Tach_time_min	Num	8	.	00-59	.
45	A	Dx1	Tach_HR	Num	8	What is the heart rate (beats/min)?	<Tach_2SD> - 600	999
46	T	Dx1	Brady_2SD	Num	8	if(age < 0.084, 100, if(age < 1, 90, 0))	90, 100	.
47	A	Dx1	Bradycardia	Y/N	4	Bradycardia - first heart rate less than <Brady_2SD> beats/min in the absence of external vagal stimulus, beta-blocker drugs or congenital heart disease or otherwise unexplained persistent heart rate depression over a 0.5-hr time frame	Yes No	.
48	A	Dx1	Brady_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
49	A	Dx1	Brady_time_hour	Num	8	.	00-23	.
50	A	Dx1	Brady_time_min	Num	8	.	00-59	.
51	A	Dx1	Brady_HR	Num	8	What is the heart rate (beats/min)?	0 - <Brady_2SD>	999
52	T	Dx1	RespRate_2SD	Num	8	if(age < 0.02, 50, if(age < 0.084, 40, if(age < 2, 34, if(age < 6, 22, if(age < 13, 18, 14))))	14, 18, 22, 34, 40, 50	.
53	A	Dx1	RespRate	Y/N	4	First respiratory rate above <RespRate_2SD> breaths/min?	Yes No	.
54	A	Dx1	RespRate_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
55	A	Dx1	RespRate_time_hour	Num	8	.	00-23	.
56	A	Dx1	RespRate_time_min	Num	8	.	00-59	.
57	A	Dx1	RespRate_value	Num	8	What is the respiratory rate (breaths/min)?	<RespRate_2SD> - 130	999

Sepsis Codebook

58	A	Dx1	MechVent	Y/N	4	Mechanical ventilation for an acute process not related to underlying neuromuscular disease or the receipt of general anesthesia	Yes No	.
59	A	Dx1	MechVent_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
60	A	Dx1	MechVent_time_hour	Num	8	.	00-23	.
61	A	Dx1	MechVent_time_min	Num	8	.	00-59	.
62	T	Dx1	LeukHigh	Num	8	if(age < 0.02, 34, if(age < 0.084, 19.5, if(age < 2, 17.5, if(age < 6, 15.5, if(age < 13, 13.5, 11))))))	11, 13.5, 15.5, 17.5, 19.5, 34	.
63	T	Dx1	LeukLow	Num	8	if(age < 0.02, 0, if(age < 2, 5, if(age < 6, 6, 4.5)))	0, 4.5, 5, 6	.
64	A	Dx1	Leukocyte	Y/N	4	Leukocyte (white blood cell) count above <LeukHigh> 103/mm3 or below <LeukLow> 103/mm3	Yes No	.
65	A	Dx1	Leukocyte_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
66	A	Dx1	Leukocyte_time_hour	Num	8	.	00-23	.
67	A	Dx1	Leukocyte_time_min	Num	8	.	00-59	.
68	A	Dx1	Leukocyte_count	Num	8	What is the leukocyte count (in 103/mm3)?	0 - <LeukLow>, <LeukHigh> - 999	999
69	A	Dx1	Neutrophils	Y/N	4	Greater than 10% immature neutrophils/immature granulocytes	Yes No	.
70	A	Dx1	Neutro_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
71	A	Dx1	Neutro_time_hour	Num	8	.	00-23	.
72	A	Dx1	Neutro_time_min	Num	8	.	00-59	.
73	A	Dx1	Neutro_percent	Num	8	What is the percent of immature neutrophils?	10-100	999
74	A	Dx1	ProvenInfection	Y/N	8	A proven infection is defined as: proven (by positive culture, tissue stain, or polymerase chain reaction test) infection caused by any pathogen OR a clinical syndrome associated with a high probability of infection. Evidence of infection includes positive findings on clinical exam, imaging, or laboratory tests (e.g., white blood cells in a normally sterile body fluid, perforated viscus, chest radiograph consistent with pneumonia, petechial or purpuric rash, or purpura fulminans). Did the patient have a proven infection?	Yes No	.
75	A	Dx1	PInfection_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
76	A	Dx1	PInfection_time_hour	Num	8	.	00-23	.
77	A	Dx1	PInfection_time_min	Num	8	.	00-59	.
78	A	Dx1	SInfectAntibioOrder	Char	8	Which of the following criteria for <u>suspected infection</u> did the patient meet? Orders for antibiotics	Yes No	.
79	A	Dx1	SInfectAntiOrdr_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
80	A	Dx1	SInfectAntiOrdr_time_hour	Num	8	.	00-23	.
81	A	Dx1	SInfectAntiOrdr_time_min	Num	8	.	00-59	.
82	A	Dx1	SInfectAntiOrdr_name01	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Amikacin Sulfate	Yes No	.

Sepsis Codebook

83	A	Dx1	SInfectAntiOrdr_name02	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Ampicillin	Yes No	.
84	A	Dx1	SInfectAntiOrdr_name03	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Ampicillin and Sulbactam	Yes No	.
85	A	Dx1	SInfectAntiOrdr_name04	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Azithromycin	Yes No	.
86	A	Dx1	SInfectAntiOrdr_name05	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Aztreonam	Yes No	.
87	A	Dx1	SInfectAntiOrdr_name06	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Cefazolin	Yes No	.
88	A	Dx1	SInfectAntiOrdr_name07	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Cefotaxime	Yes No	.
89	A	Dx1	SInfectAntiOrdr_name08	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Cefoxitin	Yes No	.
90	A	Dx1	SInfectAntiOrdr_name09	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Ceftriaxone	Yes No	.
91	A	Dx1	SInfectAntiOrdr_name10	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Ciprofloxacin	Yes No	.
92	A	Dx1	SInfectAntiOrdr_name11	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Clindamycin	Yes No	.
93	A	Dx1	SInfectAntiOrdr_name12	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Doxycycline	Yes No	.
94	A	Dx1	SInfectAntiOrdr_name13	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Erythromycin Lactobionate	Yes No	.
95	A	Dx1	SInfectAntiOrdr_name14	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Imipenem	Yes No	.
96	A	Dx1	SInfectAntiOrdr_name15	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Kanamycin A Sulfate	Yes No	.
97	A	Dx1	SInfectAntiOrdr_name16	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Linezolid	Yes No	.
98	A	Dx1	SInfectAntiOrdr_name17	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Meropenem	Yes No	.
99	A	Dx1	SInfectAntiOrdr_name18	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Moxifloxacin Hydrochloride	Yes No	.
100	A	Dx1	SInfectAntiOrdr_name19	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Oxacillin	Yes No	.
101	A	Dx1	SInfectAntiOrdr_name20	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Penicillin G Benzathine	Yes No	.
102	A	Dx1	SInfectAntiOrdr_name21	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Penicillin G Sodium	Yes No	.
103	A	Dx1	SInfectAntiOrdr_name22	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Piperacillin and Tazobactam	Yes No	.
104	A	Dx1	SInfectAntiOrdr_name23	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Sulfamethoxazole and Trimethoprim	Yes No	.

Sepsis Codebook

105	A	Dx1	SInfectAntiOrdr_name24	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Ticarcillin Disodium and Clavulanate Potassium	Yes No	.
106	A	Dx1	SInfectAntiOrdr_name25	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Tigecycline	Yes No	.
107	A	Dx1	SInfectAntiOrdr_name26	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Vancomycin Hydrochloride	Yes No	.
108	A	Dx1	SInfectAntiOrdr_name_other	Char	16	What antibiotic was ordered? (check all that apply up to 5) - Other	Yes No	.
109	A	Dx1	SInfectAntibioAdmin	Y/N	8	Antibiotic administered	Yes No	.
110	A	Dx1	SInfectAntiAdmn_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
111	A	Dx1	SInfectAntiAdmn_time_hour	Num	8	.	00-23	.
112	A	Dx1	SInfectAntiAdmn_time_min	Num	8	.	00-59	.
113	A	Dx1	SInfectAntiAdmn_name01	Char	16	What antibiotic was administered? (check all that apply up to 5) - Amikacin Sulfate	Yes No	.
114	A	Dx1	SInfectAntiAdmn_name02	Char	16	What antibiotic was administered? (check all that apply up to 5) - Ampicillin	Yes No	.
115	A	Dx1	SInfectAntiAdmn_name03	Char	16	What antibiotic was administered? (check all that apply up to 5) - Ampicillin and Sulbactam	Yes No	.
116	A	Dx1	SInfectAntiAdmn_name04	Char	16	What antibiotic was administered? (check all that apply up to 5) - Azithromycin	Yes No	.
117	A	Dx1	SInfectAntiAdmn_name05	Char	16	What antibiotic was administered? (check all that apply up to 5) - Aztreonam	Yes No	.
118	A	Dx1	SInfectAntiAdmn_name06	Char	16	What antibiotic was administered? (check all that apply up to 5) - Cefazolin	Yes No	.
119	A	Dx1	SInfectAntiAdmn_name07	Char	16	What antibiotic was administered? (check all that apply up to 5) - Cefotaxime	Yes No	.
120	A	Dx1	SInfectAntiAdmn_name08	Char	16	What antibiotic was administered? (check all that apply up to 5) - Cefoxitin	Yes No	.
121	A	Dx1	SInfectAntiAdmn_name09	Char	16	What antibiotic was administered? (check all that apply up to 5) - Ceftriaxone	Yes No	.
122	A	Dx1	SInfectAntiAdmn_name10	Char	16	What antibiotic was administered? (check all that apply up to 5) - Ciprofloxacin	Yes No	.
123	A	Dx1	SInfectAntiAdmn_name11	Char	16	What antibiotic was administered? (check all that apply up to 5) - Clindamycin	Yes No	.
124	A	Dx1	SInfectAntiAdmn_name12	Char	16	What antibiotic was administered? (check all that apply up to 5) - Doxycycline	Yes No	.
125	A	Dx1	SInfectAntiAdmn_name13	Char	16	What antibiotic was administered? (check all that apply up to 5) - Erythromycin Lactobionate	Yes No	.
126	A	Dx1	SInfectAntiAdmn_name14	Char	16	What antibiotic was administered? (check all that apply up to 5) - Imipenem	Yes No	.
127	A	Dx1	SInfectAntiAdmn_name15	Char	16	What antibiotic was administered? (check all that apply up to 5) - Kanamycin A Sulfate	Yes No	.
128	A	Dx1	SInfectAntiAdmn_name16	Char	16	What antibiotic was administered? (check all that apply up to 5) - Linezolid	Yes No	.

Sepsis Codebook

129	A	Dx1	SInfectAntiAdmn_name17	Char	16	What antibiotic was administered? (check all that apply up to 5) - Meropenem	Yes No	.
130	A	Dx1	SInfectAntiAdmn_name18	Char	16	What antibiotic was administered? (check all that apply up to 5) - Moxifloxacin Hydrochloride	Yes No	.
131	A	Dx1	SInfectAntiAdmn_name19	Char	16	What antibiotic was administered? (check all that apply up to 5) - Oxacillin	Yes No	.
132	A	Dx1	SInfectAntiAdmn_name20	Char	16	What antibiotic was administered? (check all that apply up to 5) - Penicillin G Benzathine	Yes No	.
133	A	Dx1	SInfectAntiAdmn_name21	Char	16	What antibiotic was administered? (check all that apply up to 5) - Penicillin G Sodium	Yes No	.
134	A	Dx1	SInfectAntiAdmn_name22	Char	16	What antibiotic was administered? (check all that apply up to 5) - Piperacillin and Tazobactam	Yes No	.
135	A	Dx1	SInfectAntiAdmn_name23	Char	16	What antibiotic was administered? (check all that apply up to 5) - Sulfamethoxazole and Trimethoprim	Yes No	.
136	A	Dx1	SInfectAntiAdmn_name24	Char	16	What antibiotic was administered? (check all that apply up to 5) - Ticarcillin Disodium and Clavulanate Potassium	Yes No	.
137	A	Dx1	SInfectAntiAdmn_name25	Char	16	What antibiotic was administered? (check all that apply up to 5) - Tigecycline	Yes No	.
138	A	Dx1	SInfectAntiAdmn_name26	Char	16	What antibiotic was administered? (check all that apply up to 5) - Vancomycin Hydrochloride	Yes No	.
139	A	Dx1	SInfectAntiAdmn_name_other	Char	16	What antibiotic was administered? (check all that apply up to 5) - Other	Yes No	.
140	A	Dx1	SInfectCultureOrder	Y/N	8	Orders for urine, blood or spinal culture	Yes No	.
141	A	Dx1	SInfectCultOrdr_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
142	A	Dx1	SInfectCultOrdr_time_hour	Num	8	.	00-23	.
143	A	Dx1	SInfectCultOrdr_time_min	Num	8	.	00-59	.
144	A	Dx1	SInfectCultOrdr_type1	Char	8	Urine	Yes No	.
145	A	Dx1	SInfectCultOrdr_type2	Char	8	Blood	Yes No	.
146	A	Dx1	SInfectCultOrdr_type3	Char	8	Spinal	Yes No	.
147	A	Dx1	SInfectCultureDrawn	Y/N	8	Urine, blood, or spinal culture drawn	Yes No	.
148	A	Dx1	SInfectCultDraw_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
149	A	Dx1	SInfectCultDraw_time_hour	Num	8	.	00-23	.
150	A	Dx1	SInfectCultDraw_time_min	Num	8	.	00-59	.
151	A	Dx1	SInfectCultDraw_type1	Char	8	Urine	Yes No	.
152	A	Dx1	SInfectCultDraw_type2	Char	8	Blood	Yes No	.
153	A	Dx1	SInfectCultDraw_type3	Char	8	Spinal	Yes No	.

Sepsis Codebook

154	A	Dx1	SInfectChartNote	Y/N	8	Chart notation of "Rule out infection", "Suspected infection", "Rule out sepsis", or "Suspected sepsis"	Yes No	.
155	A	Dx1	SInfectChrtNote_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
156	A	Dx1	SInfectChrtNote_time_hour	Num	8	.	00-23	.
157	A	Dx1	SInfectChrtNote_time_min	Num	8	.	00-59	.
158	A	Dx1	SInfectChrtNote_note1	Char	8	What is the chart notation? (check all that apply) - Rule out infection	Yes No	.
159	A	Dx1	SInfectChrtNote_note2	Char	8	What is the chart notation? (check all that apply) - Suspected infection	Yes No	.
160	A	Dx1	SInfectChrtNote_note3	Char	8	What is the chart notation? (check all that apply) - Rule out sepsis	Yes No	.
161	A	Dx1	SInfectChrtNote_note4	Char	8	What is the chart notation? (check all that apply) - Suspected sepsis	Yes No	.
162	A	Dx1	Diag1Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>SIRS criteria and Infection criteria</i> ?	0+	.
163	A	Dx1	Diag1Comments	Char	160	Comments on abstraction for <i>SIRS criteria and Infection criteria</i>	.	.
164	T	Dx1	TempOrLeuk	Char	4	if(CoreTemp.NAOK == 1 or Leukocyte.NAOK == 1 or Neutrophils.NAOK == 1, if(CoreTemp.NAOK == 1 and (Leukocyte.NAOK == 1 or Neutrophils.NAOK == 1), 2, 1), 0)	0, 1	.
165	T	Dx1	SIRS	Char	4	if((TempOrLeuk.NAOK == 2) or (TempOrLeuk.NAOK == 1 and (Tachycardia.NAOK == 1 or Bradycardia.NAOK == 1 or RespRate.NAOK == 1 or MechVent.NAOK == 1)), 1, 0)	0, 1	.
166	T	Dx1	Infect	Char	4	if(ProvenInfection.NAOK == 1 or SInfectAntibioOrder.NAOK == 1 or SInfectAntibioAdmin.NAOK == 1 or SInfectCultureOrder.NAOK == 1 or SInfectCultureDrawn.NAOK == 1 or SInfectChartNote.NAOK == 1, 1, 0)	0, 1	.
167	T	Dx1	Sepsis	Char	4	if(Infect.NAOK == 1, 1, 0)	0, 1	.
168	A	Dx2	Weight	Num	8	Weight of the patient (in kg)	1 - 115	999
169	A	Dx2	COD_fluidBolus	Y/N	4	Did the patient receive more than <Weight * 40> mL of isotonic intravenous fluid bolus in 1 hour?	Yes No	.
170	T	Dx2	COD_sysBPlow_2SD	Num	8	if(age < 0.02, 65, if(age < 0.084, 75, if(age < 2, 100, if(age < 6, 94, if(age < 13, 105, 117))))))	65, 75, 100, 94, 105, 117	.
171	A	Dx2	COD_sysBPlow	Y/N	4	Which of the following criteria for <u>cardiovascular organ function</u> did the patient meet? Systolic BP below <COD_sysBPlow_2SD> mmHg	Yes No	.
172	A	Dx2	COD_sysBPlow_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
173	A	Dx2	COD_sysBPlow_time_hour	Num	8	.	00-23	.
174	A	Dx2	COD_sysBPlow_time_min	Num	8	.	00-59	.

Sepsis Codebook

175	A	Dx2	COD_sysBPlow_value	Num	8	What is the systolic blood pressure (mm/Hg)?	0 - <COD_sysBPlow_2SD>	999
176	A	Dx2	COD_vasoactiveDrug	Y/N	4	Need for vasoactive drug to maintain BP in normal range (dopamine greater than 5 µg/kg/min or dobutamine, epinephrine, or norepinephrine at any dose)	Yes No	.
177	A	Dx2	COD_vasoDrug_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
178	A	Dx2	COD_vasoDrug_time_hour	Num	8	.	00-23	.
179	A	Dx2	COD_vasoDrug_time_min	Num	8	.	00-59	.
180	A	Dx2	COD_vasoDrug_name1	Char	8	What drug was given? (check all that apply) - Dopamine	Yes No	.
181	A	Dx2	COD_vasoDrug_name2	Char	8	What drug was given? (check all that apply) - Dobutamine	Yes No	.
182	A	Dx2	COD_vasoDrug_name3	Char	8	What drug was given? (check all that apply) - Epinephrine	Yes No	.
183	A	Dx2	COD_vasoDrug_name4	Char	8	What drug was given? (check all that apply) - Norepinephrine	Yes No	.
184	A	Dx2	COD_vasoDopa_dose	Char	8	At what <u>initial</u> dose was Dopamine given (ug/kg/min)?	0+	.
185	A	Dx2	COD_vasoDobu_dose	Char	8	At what <u>initial</u> dose was Dobutamine given (ug/kg/min)?	0+	.
186	A	Dx2	COD_vasoEpin_dose	Char	8	At what <u>initial</u> dose was Epinephrine given (ug/kg/min)?	0+	.
187	A	Dx2	COD_vasoNore_dose	Char	8	At what <u>initial</u> dose was Norepinephrine given (ug/kg/min)?	0+	.
188	A	Dx2	COD_oliguria	Y/N	4	Oliguria: urine output less than <Weight * 0.5> mL/hr	Yes No	.
189	A	Dx2	COD_oliguria_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
190	A	Dx2	COD_oliguria_time_hour	Num	8	.	00-23	.
191	A	Dx2	COD_oliguria_time_min	Num	8	.	00-59	.
192	A	Dx2	COD_oliguria_output	Num	8	What is the urine output (mL/kg/hr)?	0+	999
193	A	Dx2	COD_capRefil	Y/N	4	Prolonged capillary refill: greater than 5 seconds	Yes No	.
194	A	Dx2	COD_capRefil_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
195	A	Dx2	COD_capRefil_time_hour	Num	8	.	00-23	.
196	A	Dx2	COD_capRefil_time_min	Num	8	.	00-59	.
197	A	Dx2	COD_metabolAcidosis	Y/N	4	Unexplained metabolic acidosis: base deficit greater than 5.0 mEq/L	Yes No	.
198	A	Dx2	COD_metaAcid_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
199	A	Dx2	COD_metaAcid_time_hour	Num	8	.	00-23	.
200	A	Dx2	COD_metaAcid_time_min	Num	8	.	00-59	.
201	A	Dx2	COD_metaAcid_level	Num	8	What is the acidosis level (mEq/L)?	5-99	999
202	A	Dx2	COD_arterialLactate	Y/N	4	Is there a test for arterial lactate?	Yes No	.
203	A	Dx2	COD_artLact_labUpLim	Num	8	What is the upper limit provided by the laboratory (mmol/L)?	0+	999

Sepsis Codebook

204	T	Dx2	COD_artLact_labx2	Num	8	<COD_artLact_labUpLim> * 2	0+	.
205	A	Dx2	COD_artLact_GTx2Lab	Y/N	4	Is the arterial lactate greater than <COD_artLact_labx2> mmol/L?	Yes No	.
206	A	Dx2	COD_artLact_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
207	A	Dx2	COD_artLact_time_hour	Num	8	.	00-23	.
208	A	Dx2	COD_artLact_time_min	Num	8	.	00-59	.
209	A	Dx2	COD_artLact_value	Num	8	What is the arterial lactate value (mmol/L)?	<COD_artLact_labx2> +	999
210	A	Dx2	COD_tempGap	Y/N	4	Core to peripheral temperature gap greater than 3 C (5.4 F)	Yes No	.
211	A	Dx2	COD_tempGap_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
212	A	Dx2	COD_tempGap_time_hour	Num	8	.	00-23	.
213	A	Dx2	COD_tempGap_time_min	Num	8	.	00-59	.
214	A	Dx2	COD_tempGap_tmpGiven	Char	8	Are core and peripheral temperatures given?	Yes No	.
215	A	Dx2	COD_tempGap_coreCorF	Char	4	Is the core temperature in C or F?	C F	.
216	A	Dx2	COD_tempGap_Ccore	Num	8	What is the core temperature (in C)?	30-44	999
217	A	Dx2	COD_tempGap_Fcore	Num	8	What is the core temperature (in F)?	90-110	999
218	A	Dx2	COD_tempGap_periCorF	Char	4	Is the peripheral temperature in C or F?	C F	.
219	A	Dx2	COD_tempGap_Cperi	Num	8	What is the peripheral temperature (in C)?	30-44	999
220	A	Dx2	COD_tempGap_Fperi	Num	8	What is the peripheral temperature (in F)?	90-110	999
221	A	Dx2	COD_tempGap_gapCorF	Char	4	Is the temperature gap in C or F?	C F	.
222	A	Dx2	COD_tempGap_Cgap	Num	8	What is the temperature gap (in C)?	30-44	999
223	A	Dx2	COD_tempGap_Fgap	Num	8	What is the temperature gap (in F)?	90-110	999
224	A	Dx2	RDS_MechVent	Y/N	4	Which of the following criteria for <u>respiratory distress syndrome</u> did the patient meet? Need for non-elective invasive or non-invasive mechanical ventilation?	Yes No	.
225	A	Dx2	RDS_MechVent_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
226	A	Dx2	RDS_MechVent_time_hour	Num	8	.	00-23	.
227	A	Dx2	RDS_MechVent_time_min	Num	8	.	00-59	.
228	A	Dx2	RDS_PaO2FIO2_LT300	Y/N	4	PaO2/FIO2 less than 300 in absence of cyanotic heart disease or preexisting lung disease	Yes No	.
229	A	Dx2	RDS_PaOFIOLT300_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
230	A	Dx2	RDS_PaOFIOLT300_time_hour	Num	8	.	00-23	.
231	A	Dx2	RDS_PaOFIOLT300_time_min	Num	8	.	00-59	.
232	A	Dx2	RDS_PaOFIOLT300_value	Num	8	What is the PaO2/FIO2?	0-300	999
233	A	Dx2	RDS_PaCO2	Y/N	4	PaCO2 greater than 65 mmHg or 20 mmHg over baseline PaCO2?	Yes No	.
234	A	Dx2	RDS_PaCO2_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
235	A	Dx2	RDS_PaCO2_time_hour	Num	8	.	00-23	.
236	A	Dx2	RDS_PaCO2_time_min	Num	8	.	00-59	.
237	A	Dx2	RDS_PaCO2_baseline	Num	8	What is the baseline PaCO2 level (mmHg)?	20+	999
238	A	Dx2	RDS_PaCO2_increased	Num	8	What is the increased PaCO2 (mmHg)?	20+	999

Sepsis Codebook

239	A	Dx2	RDS_ProvenNeed	Y/N	4	Proven need or greater than 50% FIO2 to maintain saturation at least 92%	Yes No	.
240	A	Dx2	RDS_ProvenNeed_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
241	A	Dx2	RDS_ProvenNeed_time_hour	Num	8	.	00-23	.
242	A	Dx2	RDS_ProvenNeed_time_min	Num	8	.	00-59	.
243	A	Dx2	RDS_ProvenNeed_level	Num	8	What is the FIO2 level?	0.5-1.0	999
244	A	Dx2	NeurDys_Glasgow	Y/N	4	Which of the following criteria for <u>neurological dysfunction</u> did the patient meet? Glasgow Coma Score 11 or lower	Yes No	.
245	A	Dx2	NeurDys_Glasgow_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
246	A	Dx2	NeurDys_Glasgow_time_hour	Num	8	.	00-23	.
247	A	Dx2	NeurDys_Glasgow_time_min	Num	8	.	00-59	.
248	A	Dx2	NeurDys_Glasgow_score	Num	8	What is the Glasgow Coma Score?	0-11	999
249	A	Dx2	NeurDys_GCSdown	Y/N	4	Acute change in mental status with a decrease in Glasgow Coma Score 3 or more points for children with abnormal baseline (baseline less than 15) due to preexisting condition unrelated to sepsis	Yes No	.
250	A	Dx2	NeurDys_mental_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
251	A	Dx2	NeurDys_mental_time_hour	Num	8	.	00-23	.
252	A	Dx2	NeurDys_mental_time_min	Num	8	.	00-59	.
253	A	Dx2	NeurDys_GCSabnr_value	Num	8	What is the abnormal baseline Glasgow Coma Score?	0-14	999
254	A	Dx2	NeurDys_GCSdcrs_value	Num	8	What is the decreased Glasgow Coma Score?	0-11	999
255	A	Dx2	HemaDys_platelet	Y/N	4	Which of the following criteria for <u>hematologic dysfunction</u> did the patient meet? Platelet count less than 80,000/mm3	Yes No	.
256	A	Dx2	HemaDys_platelet_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
257	A	Dx2	HemaDys_platelet_time_hour	Num	8	.	00-23	.
258	A	Dx2	HemaDys_platelet_time_min	Num	8	.	00-59	.
259	A	Dx2	HemaDys_platelet_value	Num	8	What is the platelet count value?	0-80,000	99999
260	A	Dx2	HemaDys_chronic	Y/N	4	Is this patient a chronic hematology/oncology patient with at least one platelet count over the past 3 days?	Yes No	.
261	A	Dx2	HemaDys_Chron_hiValue	Num	8	What is the highest platelet count recorded over the past 3 days (per mL)?	1000-600,000	999
262	T	Dx2	halfMaxPlatelet	Num	8	<HemaDys_Chron_hiValu> / 2	500-300,000	.
263	A	Dx2	HemaDys_chronLower	Y/N	4	Is there a platelet count of less than <halfMaxPlatelet>?	Yes No	.
264	A	Dx2	HemaDys_chronLow_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
265	A	Dx2	HemaDys_chronLow_time_hour	Num	8	.	00-23	.
266	A	Dx2	HemaDys_chronLow_time_min	Num	8	.	00-59	.
267	A	Dx2	HemaDys_chronLow_value	Num	8	What is the decreased platelet count?	0 - <halfMaxPlatelet>	999
268	A	Dx2	HemaDys_normGT2	Y/N	4	International normalized ratio greater than 2	Yes No	.
269	A	Dx2	HemaDys_normGT2_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.

Sepsis Codebook

270	A	Dx2	HemaDys_normGT2_time_hour	Num	8	.	00-23	.
271	A	Dx2	HemaDys_normGT2_time_min	Num	8	.	00-59	.
272	A	Dx2	HemaDys_normGT2_ratio	Num	8	What is the international normalized ratio?	2-9	999
273	A	Dx2	RenDys_crtinTest	Y/N	4	Which of the following criteria for <u>renal dysfunction</u> did the patient meet?	Yes	.
						Is there a test for serum creatinine?	No	.
274	A	Dx2	RenDys_crtinLabUpLim	Num	8	What is the upper limit provided by the laboratory (mg/dL)?	0+	999
275	T	Dx2	RenDys_crtinLabUpX2	Num	8	<RenDys_crtinLabUpLim> * 2	0+	.
276	A	Dx2	RenDys_crtinGTlabLim	Y/N	8	Is the serum creatinine greater than <RenDys_crtinLabUpX2> mg/dL?	Yes	.
							No	.
277	A	Dx2	RenDys_crtin2xLb_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
278	A	Dx2	RenDys_crtin2xLb_time_hour	Num	8	.	00-23	.
279	A	Dx2	RenDys_crtin2xLb_time_min	Num	8	.	00-59	.
280	A	Dx2	RenDys_LabCret2x_value	Num	8	What is the elevated serum creatinine value (mg/dL)?	<RenDys_crtinLabUpX2> +	999
281	A	Dx2	RenDys_1stCrtin_value	Num	8	What is the first recorded serum creatinine level (mg/dL)?	0+	999
282	T	Dx2	RenDys_baseX2	Num	8	<RenDys_1stCrtin_value> * 2	0+	.
283	A	Dx2	RenDys_crtinGT2Xbase	Y/N	4	Is there a serum creatinine <RenDys_baseX2> mg/dL or more?	Yes	.
							No	.
284	A	Dx2	RenDys_crtinGT2X_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
285	A	Dx2	RenDys_crtinGT2x_time_hour	Num	8	.	00-23	.
286	A	Dx2	RenDys_crtinGT2x_time_min	Num	8	.	00-59	.
287	A	Dx2	RenDys_crtinGT2x_value	Num	8	What is the elevated serum creatinine value (mg/dL)?	<RenDys_baseX2> +	999
288	A	Dx2	HepDys_ALT	Y/N	4	Which of the following criteria for <u>hepatic dysfunction</u> did the patient meet?	Yes	.
						Is there a test for ALT?	No	.
289	A	Dx2	HepDys_ALTlabLimit	Num	8	What is the upper limit provided by the laboratory (U/L or mckat/L)?	0+	999
290	T	Dx2	HepDys_ALTlabLimitX2	Num	8	<HepDys_ALTlabLimit> * 2	0+	.
291	A	Dx2	HepDys_ALTGT2xlab	Y/N	8	Is the ALT greater than <HepDys_ALTlabLimitX2>?	Yes	.
							No	.
292	A	Dx2	HepDys_ALT2xLab_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
293	A	Dx2	HepDys_ALTGT2xLb_time_hour	Num	8	.	00-23	.
294	A	Dx2	HepDys_ALTGT2xLb_time_min	Num	8	.	00-59	.
295	A	Dx2	HepDys_ALTGT2xLb_value	Num	8	What is the ALT value?	<HepDys_ALTlabLimitX2> +	999
296	A	Dx2	HepDys_biliGT4	Y/N	4	Does the patient have a total bilirubin greater than 4 mg/dL?	Yes	.
							No	.
297	A	Dx2	HepDys_biliGT4_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.
298	A	Dx2	HepDys_biliGT4_time_hour	Num	8	.	00-23	.
299	A	Dx2	HepDys_biliGT4_time_min	Num	8	.	00-59	.
300	A	Dx2	HepDys_biliGT4_level	Num	8	What is the bilirubin level (mg/dL)?	4-999	999

Sepsis Codebook

301	A	Dx2	Diag2Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Cardiovascular organ dysfunction, Respiratory distress syndrome, Neurological dysfunction, Hematologic dysfunction, Renal dysfunction, Hepatic dysfunction criteria</i> ?	0+	.
302	A	Dx2	Diag2Comments	Char	160	Comments on abstraction for <i>Cardiovascular organ dysfunction, Respiratory distress syndrome, Neurological dysfunction, Hematologic dysfunction, Renal dysfunction, Hepatic dysfunction criteria</i>	.	.
303	A	Dx2	Cardio	Char	4	if(COD_sysBPlow.NAOK == 1 or COD_vasoactiveDrug.NAOK== 1 or (COD_metabolAcidosis.NAOK == 1 and COD_arterialLactate.NAOK == 1) or (COD_metabolAcidosis.NAOK == 1 and COD_oliguria.NAOK == 1) or (COD_metabolAcidosis.NAOK == 1 and COD_capRefil.NAOK == 1) or (COD_metabolAcidosis.NAOK == 1 and COD_tempGap.NAOK == 1) or (COD_arterialLactate.NAOK == 1 and COD_oliguria.NAOK == 1) or (COD_arterialLactate.NAOK == 1 and COD_capRefil.NAOK == 1) or (COD_arterialLactate.NAOK == 1 and COD_tempGap.NAOK == 1) or (COD_oliguria.NAOK == 1 and COD_capRefil.NAOK == 1) or (COD_oliguria.NAOK == 1 and COD_tempGap.NAOK == 1) or (COD_capRefil.NAOK == 1 and COD_tempGap.NAOK == 1), 1, 0)	0, 1	.
304	A	Dx2	Resp	Char	4	if(RDS_PaO2FIO2_LT300.NAOK == 1 or RDS_PaCO2.NAOK== 1 or RDS_ProvenNeed.NAOK == 1 1 or RDS_MechVent.NAOK == 1, 1, 0)	0, 1	.
305	A	Dx2	Neuro	Char	4	if(NeurDys_Glasgow.NAOK == 1 or NeurDys_GCSdown.NAOK== 1, 1, 0) if(HemaDys_platelet.NAOK == 1 or	0, 1	.
306	A	Dx2	Hemat	Char	4	HemaDys_chronLower.NAOK == 1 or HemaDys_normGT2.NAOK == 1, 1, 0)	0, 1	.
307	A	Dx2	Renal	Char	4	if(RenDys_crtinGT2Xbase.NAOK == 1 or RenDys_crtinGTlabLim.NAOK == 1, 1, 0)	0, 1	.
308	A	Dx2	Hepatic	Char	4	if(HepDys_biliGT4.NAOK == 1 or HepDys_ALTGT2xlab.NAOK== 1, 1, 0)	0, 1	.

Sepsis Codebook

309	A	Dx2	SepticShock	Char	4	if(Sepsis.NAOK == 1 and Cardio.NAOK == 1, 1, 0)	0, 1	.	
310	A	Dx2	SevereSepsis	Char	4	if(Sepsis.NAOK == 1 and (Cardio.NAOK == 1 or Resp.NAOK == 1 or (Neuro.NAOK + Hemat.NAOK + Renal.NAOK +Hepatic.NAOK >= 2)), 1, 0)	0, 1	.	
311	A	Dx2	SepsisSyndrome	Char	4	if(Sepsis.NAOK == 1 or SevereSepsis.NAOK == 1 or SepticShock.NAOK == 1, 1, 0)	0, 1	.	
312	A	.	physArrival	Y/N	4	Was physician arrival date and time to the ED documented (or time physician was assigned)?	Yes No	.	Only abstracted for Hurley and UM records
313	A	.	physArrival_date	Date	10	What is the physician arrival date/time in the ED (time signed up for patient or documented as being present in the room)?	1/1/2011 - 12/31/2013	.	Only abstracted for Hurley and UM records
314	A	.	physArrival_time_hour	Num	8	.	00-23	.	Only abstracted for Hurley and UM records
315	A	.	physArrival_time_min	Num	8	.	00-59	.	Only abstracted for Hurley and UM records
316	A	.	NICU	Y/N	4	Is the patient in the NICU?	Yes No	.	
317	A	.	vascAccessObtained	Y/N	4	Was vascular access obtained?	Yes No	.	Only abstracted for UM records
318	A	.	vascAccess_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
319	A	.	vascAccess_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
320	A	.	vascAccess_time_min	Num	8	.	00-59	.	Only abstracted for UM records
321	A	.	vascAccess_type	Char	16	Type of vascular access obtained (check one)	Peripheral intravenous catheter Ultrasound-assisted peripheral intravenous catheter Intraosseous catheter New central venous catheter (reported in a separate procedure note with documentation of insertion of an internal jugular, subclavian, or femoral venous catheter) Indwelling central venous catheter accessed	.	Only abstracted for UM records
322	A	.	centralVenCathCulture	Y/N	4	Was a blood culture from the catheter done?	Yes No	.	Only abstracted for UM records
323	A	.	CVCathCulture_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
324	A	.	CVCathCulture_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
325	A	.	CVCathCulture_time_min	Num	8	.	00-59	.	Only abstracted for UM records

Sepsis Codebook

326	A	.	CVCathCulture_type	Char	16	Name of organism	.	.	Only abstracted for UM records
327	A	.	vitalsTakenED1	Y/N	4	Were vital signs taken upon arrival to the ED?	Yes No	.	Only abstracted for UM records
328	A	.	vitalsTakenED1_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
329	A	.	vitalsTakenED1_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
330	A	.	vitalsTakenED1_time_min	Num	8	.	00-59	.	Only abstracted for UM records
331	A	.	vitalsTakenED1_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
332	A	.	vitalsTakenED1_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
333	A	.	vitalsTakenED1_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
334	A	.	vitalsTakenED1_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
335	A	.	vitalsTakenED1_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
336	A	.	vitalsTakenED1_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
337	A	.	vitalsTakenED1_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
338	A	.	vitalsTakenED1_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
339	A	.	vitalsTakenED2	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
340	A	.	vitalsTakenED2_date	Date	10	What is the date/time of the 2nd set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
341	A	.	vitalsTakenED2_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
342	A	.	vitalsTakenED2_time_min	Num	8	.	00-59	.	Only abstracted for UM records
343	A	.	vitalsTakenED2_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
344	A	.	vitalsTakenED2_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
345	A	.	vitalsTakenED2_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
346	A	.	vitalsTakenED2_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
347	A	.	vitalsTakenED2_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
348	A	.	vitalsTakenED2_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
349	A	.	vitalsTakenED2_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
350	A	.	vitalsTakenED2_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
351	A	.	vitalsTakenED3	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
352	A	.	vitalsTakenED3_date	Date	10	What is the date/time of the 3rd set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
353	A	.	vitalsTakenED3_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
354	A	.	vitalsTakenED3_time_min	Num	8	.	00-59	.	Only abstracted for UM records
355	A	.	vitalsTakenED3_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
356	A	.	vitalsTakenED3_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
357	A	.	vitalsTakenED3_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
358	A	.	vitalsTakenED3_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
359	A	.	vitalsTakenED3_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
360	A	.	vitalsTakenED3_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records

Sepsis Codebook

361	A	.	vitalsTakenED3_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
362	A	.	vitalsTakenED3_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
363	A	.	vitalsTakenED4	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
364	A	.	vitalsTakenED4_date	Date	10	What is the date/time of the 4th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
365	A	.	vitalsTakenED4_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
366	A	.	vitalsTakenED4_time_min	Num	8	.	00-59	.	Only abstracted for UM records
367	A	.	vitalsTakenED4_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
368	A	.	vitalsTakenED4_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
369	A	.	vitalsTakenED4_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
370	A	.	vitalsTakenED4_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
371	A	.	vitalsTakenED4_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
372	A	.	vitalsTakenED4_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
373	A	.	vitalsTakenED4_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
374	A	.	vitalsTakenED4_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
375	A	.	vitalsTakenED5	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
376	A	.	vitalsTakenED5_date	Date	10	What is the date/time of the 5th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
377	A	.	vitalsTakenED5_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
378	A	.	vitalsTakenED5_time_min	Num	8	.	00-59	.	Only abstracted for UM records
379	A	.	vitalsTakenED5_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
380	A	.	vitalsTakenED5_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
381	A	.	vitalsTakenED5_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
382	A	.	vitalsTakenED5_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
383	A	.	vitalsTakenED5_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
384	A	.	vitalsTakenED5_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
385	A	.	vitalsTakenED5_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
386	A	.	vitalsTakenED5_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
387	A	.	vitalsTakenED6	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
388	A	.	vitalsTakenED6_date	Date	10	What is the date/time of the 6th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
389	A	.	vitalsTakenED6_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
390	A	.	vitalsTakenED6_time_min	Num	8	.	00-59	.	Only abstracted for UM records
391	A	.	vitalsTakenED6_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
392	A	.	vitalsTakenED6_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
393	A	.	vitalsTakenED6_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
394	A	.	vitalsTakenED6_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records

Sepsis Codebook

395	A	.	vitalsTakenED6_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
396	A	.	vitalsTakenED6_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
397	A	.	vitalsTakenED6_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
398	A	.	vitalsTakenED6_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
399	A	.	vitalsTakenED7	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
400	A	.	vitalsTakenED7_date	Date	10	What is the date/time of the 7th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
401	A	.	vitalsTakenED7_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
402	A	.	vitalsTakenED7_time_min	Num	8	.	00-59	.	Only abstracted for UM records
403	A	.	vitalsTakenED7_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
404	A	.	vitalsTakenED7_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
405	A	.	vitalsTakenED7_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
406	A	.	vitalsTakenED7_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
407	A	.	vitalsTakenED7_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
408	A	.	vitalsTakenED7_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
409	A	.	vitalsTakenED7_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
410	A	.	vitalsTakenED7_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
411	A	.	vitalsTakenED8	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
412	A	.	vitalsTakenED8_date	Date	10	What is the date/time of the 8th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
413	A	.	vitalsTakenED8_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
414	A	.	vitalsTakenED8_time_min	Num	8	.	00-59	.	Only abstracted for UM records
415	A	.	vitalsTakenED8_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
416	A	.	vitalsTakenED8_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
417	A	.	vitalsTakenED8_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
418	A	.	vitalsTakenED8_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
419	A	.	vitalsTakenED8_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
420	A	.	vitalsTakenED8_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
421	A	.	vitalsTakenED8_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
422	A	.	vitalsTakenED8_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
423	A	.	vitalsTakenED9	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
424	A	.	vitalsTakenED9_date	Date	10	What is the date/time of the 9th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
425	A	.	vitalsTakenED9_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
426	A	.	vitalsTakenED9_time_min	Num	8	.	00-59	.	Only abstracted for UM records
427	A	.	vitalsTakenED9_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
428	A	.	vitalsTakenED9_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records

Sepsis Codebook

429	A	.	vitalsTakenED9_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
430	A	.	vitalsTakenED9_tempC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
431	A	.	vitalsTakenED9_tempF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
432	A	.	vitalsTakenED9_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
433	A	.	vitalsTakenED9_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
434	A	.	vitalsTakenED9_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
435	A	.	vitalsTakenED10	Y/N	4	Were vital signs taken again?	Yes No	.	Only abstracted for UM records
436	A	.	vitalsTakenED10_date	Date	10	What is the date/time of the 10th set of vital signs?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
437	A	.	vitalTakenED10_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
438	A	.	vitalTakenED10_time_min	Num	8	.	00-59	.	Only abstracted for UM records
439	A	.	vitalsTaknED10_sysBP	Num	8	Blood pressure - systolic (in mmHg)	40-300	999	Only abstracted for UM records
440	A	.	vitalsTaknED10_diaBP	Num	8	Blood pressure - diastolic (in mmHg)	20-300	999	Only abstracted for UM records
441	A	.	vitalsTakenED10_CorF	Char	4	Is the temperature measured in C or F?	C F Not recorded	.	Only abstracted for UM records
442	A	.	vitalsTakenED10_tmpC	Num	8	Temperature (in C)	30-44	999	Only abstracted for UM records
443	A	.	vitalsTakenED10_tmpF	Num	8	Temperature (in F)	90-110	999	Only abstracted for UM records
444	A	.	vitalsTakenED10_HR	Num	8	Heart rate (in beats/minute)	50-350	999	Only abstracted for UM records
445	A	.	vitalsTakenED10_RR	Num	8	Respiratory rate (in breaths/minute)	1-100	999	Only abstracted for UM records
446	A	.	vitalsTakenED10_ox	Num	8	Oxygen saturation level (in %)	1-100	999	Only abstracted for UM records
447	A	.	lactateMeasure1	Y/N	4	Were lactate levels taken?	Yes No	.	Only abstracted for UM records
448	A	.	lactateMeasure1_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
449	A	.	lactateMeasure1_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
450	A	.	lactateMeasure1_time_min	Num	8	.	00-59	.	Only abstracted for UM records
451	A	.	lactateMeasure1_value	Num	8	Lactate level (in mg/dL) - note, if in mmol/L then multiply by 9.01	0-50	999	Only abstracted for UM records
452	A	.	lactateMeasure2	Y/N	4	Were lactate levels taken again?	Yes No	.	Only abstracted for UM records
453	A	.	lactateMeasure2_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
454	A	.	lactateMeasure2_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
455	A	.	lactateMeasure2_time_min	Num	8	.	00-59	.	Only abstracted for UM records
456	A	.	lactateMeasure2_value	Num	8	2nd lactate level (in mg/dL) - note, if in mmol/L then multiply by 9.01	0-50	999	Only abstracted for UM records
457	A	.	lactateMeasure3	Y/N	4	Were lactate levels taken again?	Yes No	.	Only abstracted for UM records
458	A	.	lactateMeasure3_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
459	A	.	lactateMeasure3_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
460	A	.	lactateMeasure3_time_min	Num	8	.	00-59	.	Only abstracted for UM records
461	A	.	lactateMeasure3_value	Num	8	3rd lactate level (in mg/dL) - note, if in mmol/L then multiply by 9.01	0-50	999	Only abstracted for UM records

Sepsis Codebook

462	A	.	lactateMeasure4	Y/N	4	Were lactate levels taken again?	Yes No	.	Only abstracted for UM records
463	A	.	lactateMeasure4_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
464	A	.	lactateMeasure4_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
465	A	.	lactateMeasure4_time_min	Num	8	.	00-59	.	Only abstracted for UM records
466	A	.	lactateMeasure4_value	Num	8	4th lactate level (in mg/dL) - note, if in mmol/L then multiply by 9.01	0-50	999	Only abstracted for UM records
467	A	.	lactateMeasure5	Y/N	4	Were lactate levels taken again?	Yes No	.	Only abstracted for UM records
468	A	.	lactateMeasure5_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
469	A	.	lactateMeasure5_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
470	A	.	lactateMeasure5_time_min	Num	8	.	00-59	.	Only abstracted for UM records
471	A	.	lactateMeasure5_value	Num	8	5th lactate level (in mg/dL) - note, if in mmol/L then multiply by 9.01	0-50	999	Only abstracted for UM records
472	A	.	lactateMeasure6	Y/N	4	Were lactate levels taken again?	Yes No	.	Only abstracted for UM records
473	A	.	lactateMeasure6_date	Date	10	What is the earliest date/time?	1/1/2011 - 12/31/2013	.	Only abstracted for UM records
474	A	.	lactateMeasure6_time_hour	Num	8	.	00-23	.	Only abstracted for UM records
475	A	.	lactateMeasure6_time_min	Num	8	.	00-59	.	Only abstracted for UM records
476	A	.	lactateMeasure6_value	Num	8	6th lactate level (in mg/dL) - note, if in mmol/L then multiply by 9.01	0-50	999	Only abstracted for UM records
477	A	.	discharge_date	Date	10	Date/time that the patient was discharged	1/1/2011 - 12/31/2013	.	
478	A	.	discharge_time_hour	Num	8	.	00-23	.	
479	A	.	discharge_time_min	Num	8	.	00-59	.	
480	A	.	EDdisposition	Char	8	What was the ED disposition?	Ward ICU Home Died Transfer to another facility	.	
481	A	.	death_yesno	Y/N	4	Did the patient die during the visit?	Yes No	.	
482	A	.	death_date	Date	10	Date/time of death	1/1/2011 - 12/31/2013	.	
483	A	.	death_time_hour	Num	8	.	00-23	.	
484	A	.	death_time_min	Num	8	.	00-59	.	
485	A	.	ICD9_1	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
486	A	.	ICD9_2	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
487	A	.	ICD9_3	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
488	A	.	ICD9_4	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
489	A	.	ICD9_5	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records

Sepsis Codebook

490	A	.	ICD9_6	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
491	A	.	ICD9_7	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
492	A	.	ICD9_8	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
493	A	.	ICD9_9	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
494	A	.	ICD9_10	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
495	A	.	ICD9_11	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
496	A	.	ICD9_12	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
497	A	.	ICD9_13	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
498	A	.	ICD9_14	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
499	A	.	ICD9_15	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
500	A	.	ICD9_16	Char	8	Please record the ICD-9 codes for up to 16 co-morbid diagnoses	.	999	Only abstracted for Hurley records
501	A	.	TotalFluid	Num	8	What was the total fluid administered (in L)?	0+	999	
502	A	.	TotalFluid_date	Date	10	What is the date/time of fluid completion?	1/1/2011 - 12/31/2013	.	
503	A	.	TotalFluid_time_hour	Num	8	.	00-23	.	
504	A	.	TotalFluid_time_min	Num	8	.	00-59	.	
505	A	2	M2_transToICU	Y/N	4	For this hospitalization, was the patient transferred from ward or ED to the ICU (includes interhospital transfers, but does not include transfers between ICUs)?	Yes No	.	
506	A	2	M2_transToICU_date	Date	10	Date/time of transfer to ICU?	1/1/2011 - 12/31/2013	.	
507	A	2	M2_transToICU_time_hour	Num	8	.	00-23	.	
508	A	2	M2_transToICU_time_min	Num	8	.	00-59	.	
509	A	2	M2_transToICU_from	Char	8	From where was the patient transferred?	Ward ED	.	
510	A	2	M2Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Measure 2: Transfer of Septic Shock Cases to Any ICU</i> ?	0+	.	
511	A	2	M2Comments	Char	160	Comments on abstraction for <i>Measure 2: Transfer of Septic Shock Cases to Any ICU</i>	.	.	
512	A	3	M3_bloodCultDiffHosp	Y/N	4	Was the patient transferred from another hospital where a blood culture was already performed?	Yes No	.	
513	A	3	M3_bloodCultThisHosp	Y/N	4	For this hospitalization, did this patient have a blood culture drawn?	Yes No	.	
514	A	3	M3_bloodCultDraw_date	Date	10	Date/time of blood culture?	1/1/2011 - 12/31/2013	.	

Sepsis Codebook

515	A	3	M3_bloodCultDraw_time_hour	Num	8	.	00-23	.
516	A	3	M3_bloodCultDraw_time_min	Num	8	.	00-59	.
517	A	3	M3_bloodCultOrganism	Char	16	Name of organism (if negative, write 'negative')	.	.
518	A	3	M3Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Measure 3: Timely Blood Culture for Patients with Sepsis Syndrome</i> ?	0+	.
519	A	3	M3Comments	Char	160	Comments on abstraction for <i>Measure 3: Timely Blood Culture for Patients with Sepsis Syndrome</i>	.	.
520	A	4	M4_antibio_diffHosp	Y/N	4	Was the patient transferred from another hospital where a parenteral antibiotics were already administered?	Yes No	.
521	A	4	M4_antibioParenteral	Y/N	4	For this hospitalization, did this patient receive parenteral antibiotics?	Yes No	.
522	A	4	M4_antiParent_date	Date	10	Date/time of antibiotic	1/1/2011 - 12/31/2013	.
523	A	4	M4_antiParent_time_hour	Num	8	.	00-23	.
524	A	4	M4_antiParent_time_min	Num	8	.	00-59	.
525	A	4	M4_antiParent_name01	Char	16	Type of antibiotic (check all that apply up to 5) - Amikacin Sulfate	Yes No	.
526	A	4	M4_antiParent_name02	Char	16	Type of antibiotic (check all that apply up to 5) - Ampicillin	Yes No	.
527	A	4	M4_antiParent_name03	Char	16	Type of antibiotic (check all that apply up to 5) - Ampicillin and Sulbactam	Yes No	.
528	A	4	M4_antiParent_name04	Char	16	Type of antibiotic (check all that apply up to 5) - Azithromycin	Yes No	.
529	A	4	M4_antiParent_name05	Char	16	Type of antibiotic (check all that apply up to 5) - Aztreonam	Yes No	.
530	A	4	M4_antiParent_name06	Char	16	Type of antibiotic (check all that apply up to 5) - Cefazolin	Yes No	.
531	A	4	M4_antiParent_name07	Char	16	Type of antibiotic (check all that apply up to 5) - Cefotaxime	Yes No	.
532	A	4	M4_antiParent_name08	Char	16	Type of antibiotic (check all that apply up to 5) - Cefoxitin	Yes No	.
533	A	4	M4_antiParent_name09	Char	16	Type of antibiotic (check all that apply up to 5) - Ceftriaxone	Yes No	.
534	A	4	M4_antiParent_name10	Char	16	Type of antibiotic (check all that apply up to 5) - Ciprofloxacin	Yes No	.
535	A	4	M4_antiParent_name11	Char	16	Type of antibiotic (check all that apply up to 5) - Clindamycin	Yes No	.
536	A	4	M4_antiParent_name12	Char	16	Type of antibiotic (check all that apply up to 5) - Doxycycline	Yes No	.
537	A	4	M4_antiParent_name13	Char	16	Type of antibiotic (check all that apply up to 5) - Erythromycin Lactobionate	Yes No	.
538	A	4	M4_antiParent_name14	Char	16	Type of antibiotic (check all that apply up to 5) - Imipenem	Yes No	.
539	A	4	M4_antiParent_name15	Char	16	Type of antibiotic (check all that apply up to 5) - Kanamycin A Sulfate	Yes No	.

Sepsis Codebook

540	A	4	M4_antiParent_name16	Char	16	Type of antibiotic (check all that apply up to 5) - Linezolid	Yes No	.
541	A	4	M4_antiParent_name17	Char	16	Type of antibiotic (check all that apply up to 5) - Meropenem	Yes No	.
542	A	4	M4_antiParent_name18	Char	16	Type of antibiotic (check all that apply up to 5) - Moxifloxacin Hydrochloride	Yes No	.
543	A	4	M4_antiParent_name19	Char	16	Type of antibiotic (check all that apply up to 5) - Oxacillin	Yes No	.
544	A	4	M4_antiParent_name20	Char	16	Type of antibiotic (check all that apply up to 5) - Penicillin G Benzathine	Yes No	.
545	A	4	M4_antiParent_name21	Char	16	Type of antibiotic (check all that apply up to 5) - Penicillin G Sodium	Yes No	.
546	A	4	M4_antiParent_name22	Char	16	Type of antibiotic (check all that apply up to 5) - Piperacillin and Tazobactam	Yes No	.
547	A	4	M4_antiParent_name23	Char	16	Type of antibiotic (check all that apply up to 5) - Sulfamethoxazole and Trimethoprim	Yes No	.
548	A	4	M4_antiParent_name24	Char	16	Type of antibiotic (check all that apply up to 5) - Ticarcillin Disodium and Clavulanate Potassium	Yes No	.
549	A	4	M4_antiParent_name25	Char	16	Type of antibiotic (check all that apply up to 5) - Tigecycline	Yes No	.
550	A	4	M4_antiParent_name26	Char	16	Type of antibiotic (check all that apply up to 5) - Vancomycin Hydrochloride	Yes No	.
551	A	4	M4_antiParent_nameother	Char	16	Type of antibiotic (check all that apply up to 5) - Other	Yes No	.
552	A	4	M4Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Measure 4: Timely Antibiotics for Patients with Severe Sepsis or Septic Shock?</i>	0+	.
553	A	4	M4Comments	Char	160	Comments on abstraction for <i>Measure 4: Timely Antibiotics for Patients with Severe Sepsis or Septic Shock</i>	.	.
554	A	5	M5_chronRenalFail	Y/N	4	Did the patient have chronic renal failure as defined by any mention of chronic renal failure or end state renal disease?	Yes No	.
555	A	5	M5_congHeartFail	Y/N	4	Did the patient have congestive heart failure as defined by any mention of congestive heart failure?	Yes No	.
556	A	5	M5_fluidBolus	Y/N	4	For this hospitalization, did the patient receive a fluid bolus?	Yes No	.
557	A	5	M5_fluidBolStart_date	Date	10	Date/time of fluid bolus <u>initiation</u>	1/1/2011 - 12/31/2013	.
558	A	5	M5_fluidBolStart_time_hour	Num	8	.	00-23	.
559	A	5	M5_fluidBolStart_time_min	Num	8	.	00-59	.
560	A	5	M5_fluidBolEnd_date	Date	10	Date/time of fluid bolus <u>completion</u>	1/1/2011 - 12/31/2013	.
561	A	5	M5_fluidBolEnd_time_hour	Num	8	.	00-23	.
562	A	5	M5_fluidBolEnd_time_min	Num	8	.	00-59	.
563	A	5	M5_fluidBolus_amount	Num	8	Amount of fluids delivered (in L)	0-300	999

Sepsis Codebook

564	A	5	M5Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Measure 5: Timely Fluid Bolus for Patients with Severe Sepsis or Septic Shock</i> ?	0+	.
565	A	5	M5Comments	Char	160	Comments on abstraction for <i>Measure 5: Timely Fluid Bolus for Patients with Severe Sepsis or Septic Shock</i>	.	.
566	A	6	M6_Tachycardia_yesno	Y/N	4	After fluid resuscitation, were there any symptoms of resolution of severe sepsis/septic shock? Was there resolution of tachycardia (heart rate now less than <Tack_2SD> beats/min)?	Yes No	.
567	A	6	M6_Tachycardia_date	Date	10	Date/time of resolution of tachycardia (heart rate now less than <Tach_2SD> beats/min)	1/1/2011 - 12/31/2013	.
568	A	6	M6_Tachycardia_time_hour	Num	8	.	00-23	.
569	A	6	M6_Tachycardia_time_min	Num	8	.	00-59	.
570	A	6	M6_Hypotension_yesno	Y/N	4	Was there resolution of hypotension (systolic BP now greater than <COD_sysBPlow_2SD> mmHg)?	Yes No	.
571	A	6	M6_Hypotension_date	Date	10	Date/time of resolution of hypotension (systolic BP now greater than <COD_sysBPlow_2SD> mmHg)	1/1/2011 - 12/31/2013	.
572	A	6	M6_Hypotension_time_hour	Num	8	.	00-23	.
573	A	6	M6_Hypotension_time_min	Num	8	.	00-59	.
574	A	6	M6_Alertness_yesno	Y/N	4	Was there resolution of altered alertness?	Yes No	.
575	A	6	M6_Alertness_date	Date	10	Date/time of resolution of altered alertness	1/1/2011 - 12/31/2013	.
576	A	6	M6_Alertness_time_hour	Num	8	.	00-23	.
577	A	6	M6_Alertness_time_min	Num	8	.	00-59	.
578	A	6	M6_CapRefill_yesno	Y/N	4	Was there resolution of delayed capillary refill (now less than 2 seconds)?	Yes No	.
579	A	6	M6_CapRefill_date	Date	10	Date/time of resolution of delayed capillary refill (now less than 2 seconds)	1/1/2011 - 12/31/2013	.
580	A	6	M6_CapRefill_time_hour	Num	8	.	00-23	.
581	A	6	M6_CapRefill_time_min	Num	8	.	00-59	.
582	A	6	M6_Extremities_yesno	Y/N	4	Was there resolution of mottled or cool extremities?	Yes No	.
583	A	6	M6_Extremities_date	Date	10	Date/time of resolution of mottled or cool extremities?	1/1/2011 - 12/31/2013	.
584	A	6	M6_Extremities_time_hour	Num	8	.	00-23	.
585	A	6	M6_Extremities_time_min	Num	8	.	00-59	.
586	A	6	M6_UrineOutput_yesno	Y/N	4	Was there resolution of decreased urine output (now greater than <Weight * 0.5> mL/hour)?	Yes No	.
587	A	6	M6_UrineOutput_date	Date	10	Date/time of resolution of decreased urine output (now greater than <Weight * 0.5> mL/hour)?	1/1/2011 - 12/31/2013	.
588	A	6	M6_UrineOutput_time_hour	Num	8	.	00-23	.
589	A	6	M6_UrineOutput_time_min	Num	8	.	00-59	.

Sepsis Codebook

590	A	6	M6_ResolutionDate	Date	10	if(COD_sysBPlow.NAOK == 1, M6_Hypotension_date.NAOK, M6_Tachycardia_date.NAOK)	1/1/2011 - 12/31/2013	.
591	A	6	M6_ResolutionTime1	Num	8	if(COD_sysBPlow.NAOK == 1, M6_Hypotension_time_1.NAOK, M6_Tachycardia_time_1.NAOK)	00-23	.
592	A	6	M6_ResolutionTime2	Num	8	if(COD_sysBPlow.NAOK == 1, M6_Hypotension_time_2.NAOK, M6_Tachycardia_time_2.NAOK)	00-59	.
593	A	6	M6_HeartRate1	Y/N	4	For this hospitalization, did this patient have documentation of at least one heart rate reading after <M5_fluidBolus_date> at <M5_fluidBolus_time_hour>:<M5_fluidBolus_time_min>? Yes No		.
594	A	6	M6_HeartRate1_date	Date	10	Date/time of <u>1st</u> heart rate reading	1/1/2011 - 12/31/2013	.
595	A	6	M6_HeartRate1_time_hour	Num	8	.	00-23	.
596	A	6	M6_HeartRate1_time_min	Num	8	.	00-59	.
597	A	6	M6_HeartRate1_value	Num	8	Value of <u>1st</u> heart rate reading	10-350	999
598	A	6	M6_HeartRate2	Y/N	4	Is another heart rate reading documented? Yes No		.
599	A	6	M6_HeartRate2_date	Date	10	Date/time of 2nd heart rate reading	1/1/2011 - 12/31/2013	.
600	A	6	M6_HeartRate2_time_hour	Num	8	.	00-23	.
601	A	6	M6_HeartRate2_time_min	Num	8	.	00-59	.
602	A	6	M6_HeartRate2_value	Num	8	Value of <u>2nd</u> heart rate reading	10-350	999
603	A	6	M6_HeartRate3	Y/N	4	Is another heart rate reading documented? Yes No		.
604	A	6	M6_HeartRate3_date	Date	10	Date/time of 3rd heart rate reading	1/1/2011 - 12/31/2013	.
605	A	6	M6_HeartRate3_time_hour	Num	8	.	00-23	.
606	A	6	M6_HeartRate3_time_min	Num	8	.	00-59	.
607	A	6	M6_HeartRate3_value	Num	8	Value of <u>3rd</u> heart rate reading	10-350	999
608	A	6	M6_HeartRate4	Y/N	4	Is another heart rate reading documented? Yes No		.
609	A	6	M6_HeartRate4_date	Date	10	Date/time of 4th heart rate reading	1/1/2011 - 12/31/2013	.
610	A	6	M6_HeartRate4_time_hour	Num	8	.	00-23	.
611	A	6	M6_HeartRate4_time_min	Num	8	.	00-59	.
612	A	6	M6_HeartRate4_value	Num	8	Value of <u>4th</u> heart rate reading	10-350	999
613	A	6	M6_HeartRate5	Y/N	4	Is another heart rate reading documented? Yes No		.
614	A	6	M6_HeartRate5_date	Date	10	Date/time of 5th heart rate reading	1/1/2011 - 12/31/2013	.
615	A	6	M6_HeartRate5_time_hour	Num	8	.	00-23	.
616	A	6	M6_HeartRate5_time_min	Num	8	.	00-59	.
617	A	6	M6_HeartRate5_value	Num	8	Value of <u>5th</u> heart rate reading	10-350	999
618	A	6	M6_HeartRate6	Y/N	4	Is another heart rate reading documented? Yes No		.
619	A	6	M6_HeartRate6_date	Date	10	Date/time of 6th heart rate reading	1/1/2011 - 12/31/2013	.
620	A	6	M6_HeartRate6_time_hour	Num	8	.	00-23	.

Sepsis Codebook

621	A	6	M6_HeartRate6_time_min	Num	8	.		00-59	.
622	A	6	M6_HeartRate6_value	Num	8	.	Value of <u>6th</u> heart rate reading	10-350	999
623	A	6	M6_HeartRate7	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
624	A	6	M6_HeartRate7_date	Date	10	.	Date/time of 7th heart rate reading	1/1/2011 - 12/31/2013	.
625	A	6	M6_HeartRate7_time_hour	Num	8	.		00-23	.
626	A	6	M6_HeartRate7_time_min	Num	8	.		00-59	.
627	A	6	M6_HeartRate7_value	Num	8	.	Value of <u>7th</u> heart rate reading	10-350	999
628	A	6	M6_HeartRate8	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
629	A	6	M6_HeartRate8_date	Date	10	.	Date/time of 8th heart rate reading	1/1/2011 - 12/31/2013	.
630	A	6	M6_HeartRate8_time_hour	Num	8	.		00-23	.
631	A	6	M6_HeartRate8_time_min	Num	8	.		00-59	.
632	A	6	M6_HeartRate8_value	Num	8	.	Value of <u>8th</u> heart rate reading	10-350	999
633	A	6	M6_HeartRate9	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
634	A	6	M6_HeartRate9_date	Date	10	.	Date/time of 9th heart rate reading	1/1/2011 - 12/31/2013	.
635	A	6	M6_HeartRate9_time_hour	Num	8	.		00-23	.
636	A	6	M6_HeartRate9_time_min	Num	8	.		00-59	.
637	A	6	M6_HeartRate9_value	Num	8	.	Value of <u>9th</u> heart rate reading	10-350	999
638	A	6	M6_HeartRate10	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
639	A	6	M6_HeartRate10_date	Date	10	.	Date/time of 10th heart rate reading	1/1/2011 - 12/31/2013	.
640	A	6	M6_HeartRate10_time_hour	Num	8	.		00-23	.
641	A	6	M6_HeartRate10_time_min	Num	8	.		00-59	.
642	A	6	M6_HeartRate10_value	Num	8	.	Value of <u>10th</u> heart rate reading	10-350	999
643	A	6	M6_HeartRate11	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
644	A	6	M6_HeartRate11_date	Date	10	.	Date/time of 11th heart rate reading	1/1/2011 - 12/31/2013	.
645	A	6	M6_HeartRate11_time_hour	Num	8	.		00-23	.
646	A	6	M6_HeartRate11_time_min	Num	8	.		00-59	.
647	A	6	M6_HeartRate11_value	Num	8	.	Value of <u>11th</u> heart rate reading	10-350	999
648	A	6	M6_HeartRate12	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
649	A	6	M6_HeartRate12_date	Date	10	.	Date/time of 12th heart rate reading	1/1/2011 - 12/31/2013	.
650	A	6	M6_HeartRate12_time_hour	Num	8	.		00-23	.
651	A	6	M6_HeartRate12_time_min	Num	8	.		00-59	.
652	A	6	M6_HeartRate12_value	Num	8	.	Value of <u>12th</u> heart rate reading	10-350	999
653	A	6	M6_HeartRate13	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.
654	A	6	M6_HeartRate13_date	Date	10	.	Date/time of 13th heart rate reading	1/1/2011 - 12/31/2013	.
655	A	6	M6_HeartRate13_time_hour	Num	8	.		00-23	.
656	A	6	M6_HeartRate13_time_min	Num	8	.		00-59	.
657	A	6	M6_HeartRate13_value	Num	8	.	Value of <u>13th</u> heart rate reading	10-350	999
658	A	6	M6_HeartRate14	Y/N	4	.	Is another heart rate reading documented?	Yes	.
								No	.

Sepsis Codebook

659	A	6	M6_HeartRate14_date	Date	10	Date/time of 14th heart rate reading	1/1/2011 - 12/31/2013	.
660	A	6	M6_HeartRate14_time_hour	Num	8	.	00-23	.
661	A	6	M6_HeartRate14_time_min	Num	8	.	00-59	.
662	A	6	M6_HeartRate14_value	Num	8	Value of <u>14th</u> heart rate reading	10-350	999
663	A	6	M6_HeartRate15	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
664	A	6	M6_HeartRate15_date	Date	10	Date/time of 15th heart rate reading	1/1/2011 - 12/31/2013	.
665	A	6	M6_HeartRate15_time_hour	Num	8	.	00-23	.
666	A	6	M6_HeartRate15_time_min	Num	8	.	00-59	.
667	A	6	M6_HeartRate15_value	Num	8	Value of <u>15th</u> heart rate reading	10-350	999
668	A	6	M6_HeartRate16	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
669	A	6	M6_HeartRate16_date	Date	10	Date/time of 16th heart rate reading	1/1/2011 - 12/31/2013	.
670	A	6	M6_HeartRate16_time_hour	Num	8	.	00-23	.
671	A	6	M6_HeartRate16_time_min	Num	8	.	00-59	.
672	A	6	M6_HeartRate16_value	Num	8	Value of <u>16th</u> heart rate reading	10-350	999
673	A	6	M6_HeartRate17	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
674	A	6	M6_HeartRate17_date	Date	10	Date/time of 17th heart rate reading	1/1/2011 - 12/31/2013	.
675	A	6	M6_HeartRate17_time_hour	Num	8	.	00-23	.
676	A	6	M6_HeartRate17_time_min	Num	8	.	00-59	.
677	A	6	M6_HeartRate17_value	Num	8	Value of <u>17th</u> heart rate reading	10-350	999
678	A	6	M6_HeartRate18	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
679	A	6	M6_HeartRate18_date	Date	10	Date/time of 18th heart rate reading	1/1/2011 - 12/31/2013	.
680	A	6	M6_HeartRate18_time_hour	Num	8	.	00-23	.
681	A	6	M6_HeartRate18_time_min	Num	8	.	00-59	.
682	A	6	M6_HeartRate18_value	Num	8	Value of <u>18th</u> heart rate reading	10-350	999
683	A	6	M6_HeartRate19	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
684	A	6	M6_HeartRate19_date	Date	10	Date/time of 19th heart rate reading	1/1/2011 - 12/31/2013	.
685	A	6	M6_HeartRate19_time_hour	Num	8	.	00-23	.
686	A	6	M6_HeartRate19_time_min	Num	8	.	00-59	.
687	A	6	M6_HeartRate19_value	Num	8	Value of <u>19th</u> heart rate reading	10-350	999
688	A	6	M6_HeartRate20	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
689	A	6	M6_HeartRate20_date	Date	10	Date/time of 20th heart rate reading	1/1/2011 - 12/31/2013	.
690	A	6	M6_HeartRate20_time_hour	Num	8	.	00-23	.
691	A	6	M6_HeartRate20_time_min	Num	8	.	00-59	.
692	A	6	M6_HeartRate20_value	Num	8	Value of <u>20th</u> heart rate reading	10-350	999
693	A	6	M6_HeartRate21	Y/N	4	Is another heart rate reading documented?	Yes	.
							No	.
694	A	6	M6_HeartRate21_date	Date	10	Date/time of 21st heart rate reading	1/1/2011 - 12/31/2013	.
695	A	6	M6_HeartRate21_time_hour	Num	8	.	00-23	.
696	A	6	M6_HeartRate21_time_min	Num	8	.	00-59	.
697	A	6	M6_HeartRate21_value	Num	8	Value of <u>21st</u> heart rate reading	10-350	999

Sepsis Codebook

698	A	6	M6_HeartRate22	Y/N	4	Is another heart rate reading documented?	Yes No	.
699	A	6	M6_HeartRate22_date	Date	10	Date/time of 22nd heart rate reading	1/1/2011 - 12/31/2013	.
700	A	6	M6_HeartRate22_time_hour	Num	8	.	00-23	.
701	A	6	M6_HeartRate22_time_min	Num	8	.	00-59	.
702	A	6	M6_HeartRate22_value	Num	8	Value of <u>22nd</u> heart rate reading	10-350	999
703	A	6	M6_HeartRate23	Y/N	4	Is another heart rate reading documented?	Yes No	.
704	A	6	M6_HeartRate23_date	Date	10	Date/time of 23rd heart rate reading	1/1/2011 - 12/31/2013	.
705	A	6	M6_HeartRate23_time_hour	Num	8	.	00-23	.
706	A	6	M6_HeartRate23_time_min	Num	8	.	00-59	.
707	A	6	M6_HeartRate23_value	Num	8	Value of <u>23rd</u> heart rate reading	10-350	999
708	A	6	M6_HeartRate24	Y/N	4	Is another heart rate reading documented?	Yes No	.
709	A	6	M6_HeartRate24_date	Date	10	Date/time of 24th heart rate reading	1/1/2011 - 12/31/2013	.
710	A	6	M6_HeartRate24_time_hour	Num	8	.	00-23	.
711	A	6	M6_HeartRate24_time_min	Num	8	.	00-59	.
712	A	6	M6_HeartRate24_value	Num	8	Value of <u>24th</u> heart rate reading	10-350	999
713	A	6	M6Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Measure 6: Documentation of Heart Rate in Patients with Severe Sepsis and Septic Shock</i> ?	0+	.
714	A	6	M6Comments	Char	160	Comments on abstraction for <i>Measure 6: Documentation of Heart Rate in Patients with Severe Sepsis and Septic Shock</i>	.	.
715	A	7	M7_rcvdVasopressor	Y/N	4	For this hospitalization, did this patient receive at least one vasopressor (e.g., dopamine, dobutamine, epinephrine, norepinephrine)?	Yes No	.
716	A	7	M7_vasopres1_date	Date	10	Date/time of <u>1st</u> vasopressor administration	1/1/2011 - 12/31/2013	.
717	A	7	M7_vasopres1_time_hour	Num	8	.	00-23	.
718	A	7	M7_vasopres1_time_min	Num	8	.	00-59	.
719	A	7	M7_vasopres1_name	Char	16	<u>1st</u> type of vasopressor	Dopamine Dobutamine Epinephrine Norepinephrine Other	.
720	A	7	M7_vasopres1_other	Char	16	Please enter the name of the other vasopressor	.	.
721	A	7	M7_vasopres2	Y/N	4	Is another vasopressor administration documented?	Yes No	.
722	A	7	M7_vasopres2_date	Date	10	Date/time of <u>2nd</u> vasopressor administration	1/1/2011 - 12/31/2013	.
723	A	7	M7_vasopres2_time_hour	Num	8	.	00-23	.
724	A	7	M7_vasopres2_time_min	Num	8	.	00-59	.

Sepsis Codebook

725	A	7	M7_vasopres2_name	Char	16	<u>2nd</u> type of vasopressor	Dopamine Dobutamine Epinephrine Norepinephrine Other	.
726	A	7	M7_vasopres2_other	Char	16	Please enter the name of the other vasopressor	.	.
727	A	7	M7_vasopres3	Y/N	4	Is another vasopressor administration documented?	Yes No	.
728	A	7	M7_vasopres3_date	Date	10	Date/time of <u>3rd</u> vasopressor administration	1/1/2011 - 12/31/2013	.
729	A	7	M7_vasopres3_time_hour	Num	8	.	00-23	.
730	A	7	M7_vasopres3_time_min	Num	8	.	00-59	.
731	A	7	M7_vasopres3_name	Char	16	<u>3rd</u> type of vasopressor	Dopamine Dobutamine Epinephrine Norepinephrine Other	.
732	A	7	M7_vasopres3_other	Char	16	Please enter the name of the other vasopressor	.	.
733	A	7	M7_resistCatechol	Y/N	4	Was the shock resistant to the catecholamines?	Yes No	.
734	A	7	M7_hemodynamics	Y/N	4	Were hemodynamics measure at least once?	Yes No	.
735	A	7	M7_hemodynamics_date	Date	10	Date/time of hemodynamics measurement	1/1/2011 - 12/31/2013	.
736	A	7	M7_hemodynamics_time_hour	Num	8	.	00-23	.
737	A	7	M7_hemodynamics_time_min	Num	8	.	00-59	.
738	A	7	M7_hemodynamics_type1	Char	16	What measurement of hemodynamics were used? (check all that apply) - Performance of echocardiogram	Yes No	.
739	A	7	M7_hemodynamics_type2	Char	16	What measurement of hemodynamics were used? (check all that apply) - Measurement of mixed venous or central venous saturation	Yes No	.
740	A	7	M7_hemodynamics_type3	Char	16	What measurement(s) of hemodynamics were used? (check all that apply) - Placement of pulmonary artery catheter	Yes No	.
741	A	7	M7Time	Num	8	How many <u>minutes</u> did it take you to abstract information for <i>Measure 7: Measurement of Hemodynamics in Patients with Catecholamine- Resistant Shock</i> ?	0+	.
742	A	7	M7Comments	Char	160	Comments on abstraction for <i>Measure 7: Measurement of Hemodynamics in Patients with Catecholamine- Resistant Shock</i>	.	.
743	L	.	First name	Char	16	.	.	.
744	L	.	Last name	Char	16	.	.	.
745	L	.	Email address	Char	16	.	.	.
746	L	.	Token	Char	16	.	.	.
747	L	.	MRN	Char	16	.	.	.
748	L	.	AgeNumber	Char	8	.	0-18	.

Sepsis Codebook

749	L	.	AgeLabel	Char	8	.	Months	
							Years	.
750	L	.	StartDate	Date	10	.	01.01.2012	.
751	L	.	EndDate	Date	10	.	12.31.2012	.
752	L	.	AgeDate	Date	10	.	03.15.2013	.
753	L	.	Sex	Char	4	.	F - female	.
							M - male	.
							UM	.
754	L	.	Hospital	Char	8	.	Hurley	.
							CHM	.
							BD	.
							CH	.
755	PP	.	Abstractor	Char	2	.	DG	.
							SB	.
756	PP	.	age_char	Char	4	.	0-18	.
							-1 - original record	.
							assessed for IRR	.
757	PP	.	forIRR	Char	4	.	0 - not part of IRR	.
							1 - IRR record	.
							InfectCardio	.
							InfectOnly	.
758	PP	.	uniqueDx	Char	16	.	InfectOrgan	.
							SepsisSyndrome	.
							SepticShock	.
							SevereSepsis	.
759	PP	.	weekstart	Char	16	.	2013-09-02 - 2014-02-10	.
760	PP	.	done	Char	1	.	0 - not done	.
							1 - done	.
							0 - not IRR record	.
							1 - IRR record	.
761	PP	.	forIRR2	Char	1	.	9 - incomplete	.
							abstraction (due to	.
							change in diagnosis)	.
							0 - completed abstraction	.
762	PP	.	incomplete	Char	1	.	1 - incomplete	.
							abstraction (due to	.
							change in diagnosis)	.
763	PP	.	tooOld	Char	1	.	0 - 18 years or younger	.
							1 - 19 years or older	.
							Equals 1 if age > 19	.
764	PP	.	tooYoung	Char	1	.	0 - 0 years or older	.
							1 - less than 0 years	.
							Equals 1 if age <= 0	.

Sepsis Codebook

765	PP	.	infectOrgan	Char	1	.	0 - does not meet diagnosis for broad septic shock 1 - meets diagnosis for broad septic shock	Equals 1 if infect = '1' & (cardio = '1' resp = '1' (neuro='1' & hema='1') (neuro='1' & renal='1') (neuro='1' & hepa='1') (hema='1' & renal='1') (hema='1' & hepa='1') (renal='1' & hepa='1'))
766	PP	.	infectCardio	Char	1	.	0 - does not meet diagnosis for broad septic shock 1 - meets diagnosis for broad septic shock	Equals 1 if infect = '1' & cardio = '1'
767	PP	Dx1	CoreTemp_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
768	PP	Dx1	Tach_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
769	PP	Dx1	Brady_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
770	PP	Dx1	RespRate_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
771	PP	Dx1	MechVent_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
772	PP	Dx1	Leukocyte_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
773	PP	Dx1	Neutro_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
774	PP	Dx1	Pinfection_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
775	PP	Dx1	SinfectAntiOrdr_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
776	PP	Dx1	SinfectAntiAdmn_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
777	PP	Dx1	SinfectCultOrdr_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
778	PP	Dx1	SinfectCultDraw_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
779	PP	Dx2	COD_sysBPlow_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
780	PP	Dx2	COD_vasoDrug_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
781	PP	Dx2	COD_oliguria_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
782	PP	Dx2	COD_capRefil_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
783	PP	Dx2	COD_metaAcid_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	

Sepsis Codebook

784	PP	Dx2	COD_artLact_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
785	PP	Dx2	COD_tempGap_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
786	PP	Dx2	RDS_MechVent_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
787	PP	Dx2	RDS_PaOFIOLT300_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
788	PP	Dx2	RDS_PaCO2_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
789	PP	Dx2	RDS_ProvenNeed_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
790	PP	Dx2	NeurDys_Glasgow_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
791	PP	Dx2	NeurDys_mental_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
792	PP	Dx2	HemaDys_platelet_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
793	PP	Dx2	HemaDys_chronLow_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
794	PP	Dx2	HemaDys_normGT2_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
795	PP	Dx2	RenDys_crtin2xLb_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
796	PP	Dx2	RenDys_crtinGT2x_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
798	PP	Dx2	HepDys_ALTGT2xLb_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
799	PP	Dx2	HepDys_biliGT4_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
800	PP	Dx2	sepsisSyndrome_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
801	PP	Dx2	cardio_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
802	PP	Dx2	resp_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
803	PP	Dx2	neuro_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
804	PP	Dx2	hema_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
805	PP	Dx2	renal_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
806	PP	Dx2	hep_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
807	PP	Dx2	severeSepsis_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.

Sepsis Codebook

808	PP	Dx2	septicShock_datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
809	PP	.	hosp_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
810	PP	.	ed_present_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
811	PP	.	icu_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
812	PP	.	arrival_Datetime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
813	PP	.	discharge_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
814	PP	2	m2elig	Char	1	.	0 - Not eligible for Measure 2 1 - Eligible for Measure 2 using the broad definition 2 - Eligible for Measure 2 using the strict definition	.	Equals 1 if uniqueDx in ('InfectCardio' 'SepticShock') Equals 2 if uniqueDx = 'SepticShock'
815	PP	2	m2numer	Char	1	.	0 - Did not pass Measure 2 1 - Passed Measure 2	.	Equals 1 if m2elig in ('1' '2') & m2_transToICU = 'Yes'
816	PP	3	m3elig	Char	1	.	0 - Not eligible for Measure 3 1 - Eligible for Measure 3 using the broad definition 2 - Eligible for Measure 3 using the strict definition	.	Equals 1 if uniqueDx in ('InfectOnly' 'InfectOrgan' 'InfectCardio' 'SepsisSyndrome' 'SevereSepsis' 'SepticShock') & M3_bloodCultDiffHosp ^= 'Yes' Equals 2 if uniqueDx in ('SepsisSyndrome' 'SevereSepsis' 'SepticShock') & M3_bloodCultDiffHosp ^= 'Yes'
817	PP	3	m3numer_time	Char	1	.	0 - Did not pass Measure 3 (within 4 hours of diagnosis) 1 - Passed Measure 3 (within 4 hours of diagnosis)	.	Equals 1 if m3numer = '1' & m3_bloodCultDraw_dateTime - sepsisSyndrome_dateTime <= 14400
818	PP	3	m3numer	Char	1	.	0 - Did not pass Measure 3 (at any time) 1 - Passed Measure 3 (at any time)	.	Equals 1 if m3elig in ('1' '2') & m3_bloodCultThisHosp = 'Yes'
819	PP	3	m3_bloodCultDraw_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	

Sepsis Codebook

820	PP	4	m4elig	Char	1	.	0 - Not eligible for Measure 4 1 - Eligible for Measure 4 using the broad definition 2 - Eligible for Measure 4 using the strict definition	Equals 1 if if uniqueDx in ('InfectOrgan' 'InfectCardio' 'SevereSepsis' 'SepticShock') & M4_antibio_diffHosp ^= 'Yes' Equals 2 if uniqueDx in ('SevereSepsis' 'SepticShock') & M4_antibio_diffHosp ^= 'Yes'
821	PP	4	m4numer_time	Char	1	.	0 - Did not pass Measure 4 (within 60 minutes of diagnosis) 1 - Passed Measure 4 (within 60 minutes of diagnosis)	Equals 1 if m4numer = '1' & m4_antiParent_dateTime - min(severeSepsis_dateTime, septicShock_datetime)
822	PP	4	m4numer	Char	1	.	0 - Did not pass Measure 4 (at any time) 1 - Passed Measure 4 (at any time)	Equals 1 if m4elig in ('1' '2') & m4_antibioParenteral = 'Yes'
823	PP	4	m4_antiParent_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	
824	PP	5	m5elig	Char	1	.	0 - Not eligible for Measure 5 1 - Eligible for Measure 5 using the broad definition 2 - Eligible for Measure 5 using the strict definition	Equals 1 if uniqueDx in ('InfectOrgan' 'InfectCardio' 'SevereSepsis' 'SepticShock') & NICU ^= 'Yes' & m5_chronRenalFail ^= 'Yes' & m5_congHeartFail ^= 'Yes' Equals 2 if uniqueDx in ('SevereSepsis' 'SepticShock') & NICU ^= 'Yes' & m5_chronRenalFail ^= 'Yes' & m5_congHeartFail ^= 'Yes'
825	PP	5	m5numer_time	Char	1	.	0 - Did not pass Measure 5 (within 60 minutes of diagnosis) 1 - Passed Measure 5 (within 60 minutes of diagnosis)	Equals 1 if m5numer = '1' & m5_fluidBolStart_dateTime - min(severeSepsis_dateTime, septicShock_date) <= 3600
826	PP	5	m5numer	Char	1	.	0 - Did not pass Measure 5 (at any time) 1 - Passed Measure 5 (at any time)	Equals 1 if m5elig in ('1' '2') & m5_fluidBolus = 'Yes'
827	PP	5	m5_fluidBolStart_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	

Sepsis Codebook

828	PP	5	m5_fluidBolEnd_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
829	PP	5	m5_fluidBolus_needed	Num	8	.	20mL/kg	.	Equals 20 * weight / 1000
830	PP	5	m5numer_amount	Num	8	.	0 - Did not pass Measure 5 (appropriate amount within 15 minutes of bolus start) 1 - Passed Measure 5 (appropriate amount within 15 minutes of bolus start)	.	Equals 1 if m5numer_time = '1' & 0 < m5_fluidBolEnd_dateTime - m5_fluidBolStart_dateTime <= 900 & m5_fluidBolus_amount > m5_fluidBolus_needed
831	PP	6	m6elig	Char	1	.	0 - Not eligible for Measure 6 1 - Eligible for Measure 6 using the broad definition 2 - Eligible for Measure 6 using the strict definition	.	Equals 1 if uniqueDx in ('InfectOrgan' 'InfectCardio' 'SevereSepsis' 'SepticShock') & m5_fluidBolus = 'Yes' Equals 2 if uniqueDx in ('SevereSepsis' 'SepticShock') & m5_fluidBolus = 'Yes'
832	PP	6	m6numer	Char	1	.	0 - Did not pass Measure 6 (at any time) 1 - Passed Measure 6 (at any time)	.	Equals 1 if m6elig in ('1' '2') & m6_heartRate1 = 'Yes'
833	PP	6	m6_tachycardia_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
834	PP	6	m6_hypotension_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
835	PP	6	m6_alertness_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
836	PP	6	m6_capRefill_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
837	PP	6	m6_extremities_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
838	PP	6	m6_urineOutput_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
839	PP	6	m6_Resolution_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
840	PP	6	m6_HeartRate1_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
841	PP	6	m6_HeartRate2_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	
842	PP	6	m6_HeartRate3_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.	

Sepsis Codebook

843	PP	6	m6_HeartRate4_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
844	PP	6	m6_HeartRate5_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
845	PP	6	m6_HeartRate6_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
846	PP	6	m6_HeartRate7_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
847	PP	6	m6_HeartRate8_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
848	PP	6	m6_HeartRate9_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
849	PP	6	m6_HeartRate10_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
850	PP	6	m6_HeartRate11_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
851	PP	6	m6_HeartRate12_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
852	PP	6	m6_HeartRate13_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
853	PP	6	m6_HeartRate14_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
854	PP	6	m6_HeartRate15_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
855	PP	6	m6_HeartRate16_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
856	PP	6	m6_HeartRate17_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
857	PP	6	m6_HeartRate18_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
858	PP	6	m6_HeartRate19_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
859	PP	6	m6_HeartRate20_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
860	PP	6	m6_HeartRate21_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
861	PP	6	m6_HeartRate22_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
862	PP	6	m6_HeartRate23_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.
863	PP	6	m6_HeartRate24_dateTime	Num	8	.	01JAN11:00:00 - 31DEC13:00:00	.

864	PP	6	m6numer_time	Char	1	.	<p>0 - Did not pass Measure 6 (at appropriate intervals)</p> <p>1 - Passed Measure 6 (at appropriate intervals)</p>	<p>Equals 1 if m6_HeartRate1_dateTime <= m5_fluidBolStart_datetime + 900 & m6_HeartRate2_dateTime - m6_HeartRate1_dateTime <= 900 & m6_HeartRate3_dateTime - m6_HeartRate2_dateTime <= 900 & m6_HeartRate4_dateTime - m6_HeartRate3_dateTime <= 900 & m6_HeartRate5_dateTime - m6_HeartRate4_dateTime <= 3600 & m6_HeartRate6_dateTime - m6_HeartRate5_dateTime <= 3600 & m6_HeartRate7_dateTime - m6_HeartRate6_dateTime <= 3600 & m6_HeartRate8_dateTime - m6_HeartRate7_dateTime <= 3600 & m6_HeartRate9_dateTime - m6_HeartRate8_dateTime <= 3600 & m6_HeartRate10_dateTime - m6_HeartRate9_dateTime <= 3600 & m6_HeartRate11_dateTime - m6_HeartRate10_dateTime <= 3600 & m6_HeartRate12_dateTime - m6_HeartRate11_dateTime <= 3600 & m6_HeartRate13_dateTime - m6_HeartRate12_dateTime <= 3600 & m6_HeartRate14_dateTime -</p>
865	PP	7	m7elig	Char	1	.	<p>0 - Not eligible for Measure 7</p> <p>1 - Eligible for Measure 7 using the broad definition</p> <p>2 - Eligible for Measure 7 using the strict definition</p>	<p>Equals 1 if uniqueDx in ('InfectCardio' 'SepticShock') & NICU ^= 'Yes' & m5_fluidBolus = 'Yes' & m7_resistCatechol = 'Yes'</p> <p>Equals 2 if uniqueDx = 'SepticShock' & NICU ^= 'Yes' & m5_fluidBolus = 'Yes' & m7_resistCatechol = 'Yes'</p>
866	PP	7	m7numer	Char	1	.	<p>0 - Did not pass Measure 7</p> <p>1 - Passed Measure 7</p>	<p>Equals 1 if m7elig in ('1' '2') & m7_hemodynamics = 'Yes'</p>

* A - abstraction, L - loaded in the tool prior to abstraction, PP - created during post-processing, T - generated by tool software