Syndromic Surveillance Event Detection of Nebraska (SSEDON)

Data Element List for Inpatient Syndromic Surveillance

Document Version 1.2

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This data element list contains a description of the demographic and clinical elements contained in the inpatient data set to be sent from hospitals. These messages are sent to the Syndromic Surveillance Event Detection of Nebraska system as a part of the Nebraska Department of Health and Human services for syndromic surveillance purposes.

Inpatient Data Element List

Field #	Field Name	Description
1	Date of admission	Date and time when the patient was admitted as an inpatient. Time precision carried to the minute.
2	Source of admission	Code Indicating the place from which the patient was admitted or referred. Sometimes known as the Referral Source. If this information is not known or not collected, use 9 (Information not available) as a default.
3	Type of admission	Code indicating the circumstances under which the patient was seen or will be admitted.
4	Primary final diagnosis	ICD9/ICD10 code indicating the primary final diagnosis.
5	Secondary diagnosis 1	ICD9/ICD10 code indicating secondary diagnosis 1
6	Secondary diagnosis 2	ICD9/ICD10 code indicating secondary diagnosis 2
7	Secondary diagnosis 3	ICD9/ICD10 code indicating secondary diagnosis 3
8	Secondary diagnosis 4	ICD9/ICD10 code indicating secondary diagnosis 4
9	Secondary diagnosis 5	ICD9/ICD10 code indicating secondary diagnosis 5
10	Secondary diagnosis 6	ICD9/ICD10 code indicating secondary diagnosis 6
11	Secondary diagnosis 7	ICD9/ICD10 code indicating secondary diagnosis 7
12	Secondary diagnosis 8	ICD9/ICD10 code indicating secondary diagnosis 8
13	Secondary diagnosis 9	ICD9/ICD10 code indicating secondary diagnosis 9
14	Secondary diagnosis 10	ICD9/ICD10 code indicating secondary diagnosis 10
15	Secondary diagnosis 11	ICD9/ICD10 code indicating secondary diagnosis 11
16	Secondary diagnosis 12	ICD9/ICD10 code indicating secondary diagnosis 12
17	Secondary diagnosis 13	ICD9/ICD10 code indicating secondary diagnosis 13
18	Secondary diagnosis 14	ICD9/ICD10 code indicating secondary diagnosis 14
19	Secondary diagnosis 15	ICD9/ICD10 code indicating secondary diagnosis 15
20	Secondary diagnosis 16	ICD9/ICD10 code indicating secondary diagnosis 16
21	Secondary diagnosis 17	ICD9/ICD10 code indicating secondary diagnosis 17
22	Secondary diagnosis 18	ICD9/ICD10 code indicating secondary diagnosis 18
23	Secondary diagnosis 19	ICD9/ICD10 code indicating secondary diagnosis 19
24	Secondary diagnosis 20	ICD9/ICD10 code indicating secondary diagnosis 20
25	Secondary diagnosis 21	ICD9/ICD10 code indicating secondary diagnosis 21
26	Secondary diagnosis 22	ICD9/ICD10 code indicating secondary diagnosis 22
27	Secondary diagnosis 23	ICD9/ICD10 code indicating secondary diagnosis 23
28	Secondary diagnosis 24	ICD9/ICD10 code indicating secondary diagnosis 24
29	Secondary diagnosis 25	ICD9/ICD10 code indicating secondary diagnosis 25
30	Date of discharge	Date when the patient was discharged from this care facility

Field #	Field Name	Description
31	Discharge disposition	Code indicating the place or setting to which the patient was discharged.
32	Condition POA indicator for primary final diagnosis	Code indicating whether condition for primary final diagnosis was present on admission
33	Condition POA indicator for secondary diagnosis 1	Code indicating whether condition for secondary diagnosis 1 was present on admission
34	Condition POA indicator for secondary diagnosis 2	Code indicating whether condition for secondary diagnosis 2 was present on admission
35	Condition POA indicator for secondary diagnosis 3	Code indicating whether condition for secondary diagnosis 3 was present on admission
36	Condition POA indicator for secondary diagnosis 4	Code indicating whether condition for secondary diagnosis 4 was present on admission
37	Condition POA indicator for secondary diagnosis 5	Code indicating whether condition for secondary diagnosis 5 was present on admission
38	Condition POA indicator for secondary diagnosis 6	Code indicating whether condition for secondary diagnosis 6 was present on admission
39	Condition POA indicator for secondary diagnosis 7	Code indicating whether condition for secondary diagnosis 7 was present on admission
40	Condition POA indicator for secondary diagnosis 8	Code indicating whether condition for secondary diagnosis 8 was present on admission
41	Condition POA indicator for secondary diagnosis 9	Code indicating whether condition for secondary diagnosis 9 was present on admission
42	Condition POA indicator for secondary diagnosis 10	Code indicating whether condition for secondary diagnosis 10 was present on admission
43	Condition POA indicator for secondary diagnosis 11	Code indicating whether condition for secondary diagnosis 11 was present on admission
44	Condition POA indicator for secondary diagnosis 12	Code indicating whether condition for secondary diagnosis 12 was present on admission
45	Condition POA indicator for secondary diagnosis 13	Code indicating whether condition for secondary diagnosis 13 was present on admission
46	Condition POA indicator for secondary diagnosis 14	Code indicating whether condition for secondary diagnosis 14 was present on admission
47	Condition POA indicator for secondary diagnosis 15	Code indicating whether condition for secondary diagnosis 15 was present on admission
48	Condition POA indicator for secondary diagnosis 16	Code indicating whether condition for secondary diagnosis 16 was present on admission

Field #	Field Name	Description
49	Condition POA indicator for secondary diagnosis 17	Code indicating whether condition for secondary diagnosis 17 was present on admission
50	Condition POA indicator for secondary diagnosis 18	Code indicating whether condition for secondary diagnosis 18 was present on admission
51	Condition POA indicator for secondary diagnosis 19	Code indicating whether condition for secondary diagnosis 19 was present on admission
52	Condition POA indicator for secondary diagnosis 20	Code indicating whether condition for secondary diagnosis 20 was present on admission
53	Condition POA indicator for secondary diagnosis 21	Code indicating whether condition for secondary diagnosis 21 was present on admission
54	Condition POA indicator for secondary diagnosis 22	Code indicating whether condition for secondary diagnosis 22 was present on admission
55	Condition POA indicator for secondary diagnosis 23	Code indicating whether condition for secondary diagnosis 23 was present on admission
56	Condition POA indicator for secondary diagnosis 24	Code indicating whether condition for secondary diagnosis 24 was present on admission
57	Condition POA indicator for secondary diagnosis 25	Code indicating whether condition for secondary diagnosis 25 was present on admission
58	DRG	Diagnosis Related Group
59	Emergency room visit	Code indicating whether patient was in the emergency department during any part of the visit.
60	Visit reason	Description of the reason for patient visit, most generally patient's chief complaint.
61	Visit identifier	Unique identifier for this patient's visit at this care facility.
62	Medical record number	Uniquely identifies an individual and his/her medical record/information for the given facility.
63	Type of patient visit	Code identifying type of patient visit.
64	Education Level	Highest level of education attained by patient
65	Race of patient	Code indicating race of patient
66	Hispanic ethnicity	Code indicating whether patient is of Hispanic ethnicity.
67	Zip code of patient	Zip Code portion of the patient's home address.
68	County of patient	Text indicating county of home residence
69	State where patient resides	Code indicating state of home residence.
70	Gender of patient	Code indicating gender of patient
71	Patient Date of Birth	Patient date of birth
72	Type of primary payer	Code indicating primary source of payment
73	Primary procedure	ICD9/ICD10 code indicating the primary procedure.

Field #	Field Name	Description
74	Secondary procedure 1	ICD9/ICD10 code indicating the secondary procedure 1
75	Secondary procedure 2	ICD9/ICD10 code indicating the secondary procedure 2
76	Secondary procedure 3	ICD9/ICD10 code indicating the secondary procedure 3
77	Secondary procedure 4	ICD9/ICD10 code indicating the secondary procedure 4
78	Secondary procedure 5	ICD9/ICD10 code indicating the secondary procedure 5
79	Secondary procedure 6	ICD9/ICD10 code indicating the secondary procedure 6
80	Secondary procedure 7	ICD9/ICD10 code indicating the secondary procedure 7
81	Secondary procedure 8	ICD9/ICD10 code indicating the secondary procedure 8
82	Secondary procedure 9	ICD9/ICD10 code indicating the secondary procedure 9
83	Total charges	Total charges to patient from facility related to visit
84	Medical service	Code identifying type of patient visit.
85	Employer of patient	Name of patient's employer.
86	Occupation of patient	Descriptive name of patient's occupation
87	Employment status of patient	Employed, Self-Employed, Retired, etc…
88	Employment work hazards of patient	Text describing work place hazards at patient's work location.
89	Activity level at employment	Text describing the patient's activity level at work.
90	Operate Hazardous Equipment	Code indicating whether patient operates hazardous equipment in the course of doing their job.
91	Facility Identifier	Code identifying facility from which the patient originated.
92	Admit BP (BP)	First BP taken upon admission
93	Admit BP Date	Date of first BP taken upon admission
94	Highest systolic Reading	Highest systolic reading taken during hospitalization
95	High systolic Date	Date of highest systolic reading taken during hospitalization
96	Highest diastolic reading	Highest diastolic reading taken during hospitalization
97	High diastolic date	Date with highest diastolic reading taken during hospitalization
98	Active Medication List	List of active medications (name only)
99	Height	Height
100	Height Units	Unit of height measurement
101	Weight	Weight
102	Weight Units	Unit of weight measurement
103	Smoking Status	Smoking Status
104	Cause of Death	Preliminary cause of death
105	Discharge Medications	List of discharge medications (name only)

Field #	Field Name	Description
106	Working Diagnosis	Working Diagnosis
107	High-density lipoprotein (HDL) Test Result	Most recent HDL result
108	HDL Reference Range	Reference Range for HDL
109	Low-density lipoprotein (LDL) Test Result	Most recent LDL result
110	LDL Reference Range	Reference Range for LDL
111	Triglycerides Test Result	Most recent triglycerides result
112	Triglycerides Reference Range	Reference Range for Triglycerides
113	HDL Test Date	Date of most recent HDL result
114	LDL Test date	Date of most recent LDL result
115	Triglyceride Test Date	Date of most recent triglycerides result
116	Hemoglobin A1C Result	Result of most recent Hemoglobin A1C test
117	Hemoglobin A1C Reference Range	Reference Range for H1AC
118	Hemoglobin A1C Test Date	Date of most recent Hemoglobin A1C test
119	Facility ID	Facility Identifier
120	Initial Heart Rate	Number of heart beats per minute (Initial Reading)
121	Initial Respiratory Rate	Number of breaths per minute (Initial Reading)
122	Initial Temperature	Body temperature (Initial Reading)
123	Temperature UOM	Unit of Measure for Body Temperature
124	Initial Pulse Oximetry Level	Oxygenation percentage of the patient's hemoglobin (Initial Reading)
125	Troponin Test Results	Results of troponin lab test
126	Troponin Reference Level	Reference Level for Troponin Test Results
127	Troponin Test Result Date/Time	Date and Time of Troponin Test