

Utah Syndromic Surveillance Meaningful Use HL7 ADT 2.5.1 Message Guidance
 Required and Optional HL7 ADT 2.5.1 Message Elements for Syndromic Surveillance Reporting in
 Utah for Meaningful Use / Promoting Interoperability Certification

| Name of HL7 Segment, Component or Field | HL7 name (if different) and HL7 location |
|---|--|
| Message Header (MSH) Segment | MSH |
| Field Separator | MSH-1 |
| Encoding Characters | MSH-2 |
| Sending Application | MSH-3 |
| Sending Facility | MSH-4 |
| Sending Facility Namespace ID | MSH-4.1 |
| Sending Facility Universal ID | MSH-4.2 |
| Sending Facility Universal ID Type | MSH-4.3 |
| Receiving Application | MSH-5 |
| Namespace ID | MSH-5.1 |
| Universal ID | MSH-5.2 |
| Universal ID Type | MSH-5.3 |
| Receiving Facility | MSH-6 |
| Date/Time Of Message | MSH-7 |
| Message Type | MSH-9.1 |
| Message Trigger Event | MSH-9.2 |
| Message Structure | MSH-9.3 |
| Message Control ID | MSH-10 |
| Processing ID | MSH-11 |
| Version ID | MSH-12 |
| Accept Acknowledgement Type | R |
| Application Acknowledgement Type | RE |
| Message Profile Identifier | MSH-21 |

| Name of HL7 Segment, Component or Field | HL7 name (if different) and HL7 location |
|---|--|
| Event Type (EVN) Segment | EVN |
| Recorded Date/Time | EVN-2 |
| Event Facility | EVN-7 |
| Event Facility Namespace ID | EVN-7.1 |
| Event Facility Universal ID | EVN-7.2 |
| Event Facility Universal ID Type | EVN-7.3 |
| Patient Identification (PID) Segment | PID |
| Set ID - PID | PID-1 |
| Unique Patient Identifier | PID-3 |
| Unique Patient Identifier number | PID-3.1 |
| Unique Identifier Type | PID-3.5 |
| Patient Name | PID-5 |
| Patient Name Type Code | PID-5.7 |
| Date of Birth (DOB) | PID-7 |
| Gender | PID-8 |
| Race | PID-10 |
| Race identifier | PID-10.1 |
| Text | PID-10.2 |
| Name of the Coding System | PID-10.3 |
| Patient Address City | PID-11.3 |
| Patient Address Zip or Postal Code | PID-11.5 |
| Patient Address County Code | PID-11.9 |
| Patient Account Number | PID-18 |
| Ethnicity | PID-22 |
| Ethnicity code | PID-22.1 |
| Text of Ethnicity code used | PID-22.2 |
| Name of Ethnicity Coding system | PID-22.3 |
| Patient Death Date and Time | PID-29 |

| Name of HL7 Segment, Component or Field | HL7 name (if different) and HL7 location |
|---|--|
| Patient Death Indicator | PID-30 |
| Last Update Date/Time | PID-33 |
| Last Update Facility | PID-34 |
| Patient Visit (PV1) Segment | PV1 |
| Patient Class | PV1-2 |
| Assigned Patient Location | PV1-3 |
| Admission Type | PV1-4 |
| Prior Patient Location | PV1-6 |
| Attending Doctor | PV1-7 |
| Hospital Service | PV1-10 |
| Admit Source | PV1-14 |
| Ambulatory Status | PV1-15 |
| Patient Type | PV1-18 |
| Visit Number | PV1-19 |
| Visit Number ID Number | PV1-19.1 |
| Identifier Type Code | PV1-19.5 |
| Discharge Disposition | PV1-36 |
| Admit Date/Time | PV1-44 |
| Discharge Date/Time | PV1-45 |
| Patient Visit – Additional Information (PV2) Segment | PV2 |
| Admit Reason | PV2-3 |
| Admit Reason Identifier | PV2-3.1 |
| Admit Reason Text | PV2-3.2 |
| Admit Reason Name of Coding System | PV2-3.3 |
| Observation/ Result (OBX) Segment | OBX |
| Set ID – OBX | OBX-1 |
| Value Type | OBX-2 |
| Observation Identifier | OBX-3 |
| Identifier | OBX-3.1 |
| Name of Coding System | OBX-3.3 |
| Observation Sub-ID | OBX-4 |
| Observation Value | OBX-5 |
| Observation Value - TS | OBX-5.1 |
| Observation Value - TX | OBX-5.1 |

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|---|--|
| Observation Value – NM | OBX-5.1 |
| Observation Value – CWE | OBX-5 |
| CWE Identifier | OBX-5.1 |
| CWE Text | OBX-5.2 |
| CWE Name of Coding System | OBX-5.3 |
| CWE Alternate Identifier | OBX-5.4 |
| CWE Alternate Text | OBX-5.5 |
| CWE Name of Alternate Coding System | OBX-5.6 |
| CWE Original Text | OBX-5.9 |
| – Units | OBX-6 |
| Observation Result Status | OBX-11 |
| Date/Time of the Observation | OBX-14 |
| Diagnosis (DG1) Segment | DG1 |
| Set ID – DG1 | DG1-1 |
| Diagnosis Code | DG1-3 |
| Diagnosis Code Identifier | DG1-3.1 |
| Diagnosis Code Text | DG1-3.2 |
| Diagnosis Code Name of Coding System | DG1-3.3 |
| Diagnosis Date/Time | DG1-5 |
| Diagnosis Type | DG1-6 |
| Diagnosis Priority | DG1-15 |

| Name of HL7 Segment, Component or Field | HL7 name (if different) and HL7 location |
|---|--|
| Procedures (PR1) Segment | PR1 |
| Set ID – PR1 (Procedures) | PR1-1 |
| Procedure Coding Method | PR1-2 |
| Procedure Code | PR1-3 |
| Procedure Code Identifier | PR1-3.1 |
| Procedure Text Identifier | PR1-3.2 |
| Procedure Code Name of Coding System | PR1-3.3 |
| Procedure Date/Time | PR1-5 |
| Insurance (IN1) Segment | IN1 |
| Set ID – IN1 | IN1-1 |
| Insurance Plan ID | IN1-2 |
| Insurance Company ID | IN1-3 |
| Plan Type | IN1-15 |