**Florida Health Information Exchange**

**ADT Data Source Requirements for ENS**

****

**August 24, 2017**

***Prepared by:***

**Audacious Inquiry, LLC**

**Evan Carter, Director**

Table of Contents

[Version History 3](#_Toc491349669)

[Required Event Types 4](#_Toc491349670)

[Required Data Elements 4](#_Toc491349671)

[Data Timeliness 8](#_Toc491349672)

[Data Filtration 8](#_Toc491349673)



# Version History

|  |  |  |
| --- | --- | --- |
| Version | Owner | Notes |
| 2017.08.24 | Evan Carter | Expansion for Fall, 2017 |

# Required Event Types

|  |  |  |
| --- | --- | --- |
| Event Type | Description | R = Required / E = Expected if Available |
| A01 | Admit/visit notification | R |
| A02 | Transfer a patient | R |
| A03 | Discharge/end visit | R |
| A04 | Register a patient | R |
| A05 | Pre-admit a patient | E |
| A06 | Change an outpatient to inpatient | R |
| A07 | Change an inpatient to an outpatient | R |
| A08 | Update patient information | R |
| A11 | Cancel admit/visit notification | E |
| A12 | Cancel transfer | E |
| A13 | Cancel discharge/end visit | E |
| A18 | Merge patient information | E |
| A40 | Merge patient identifier | E |

# Required Data Elements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data Element | Description | R = Required / E = Expected | Code/Codeset | Comments |
| MSH.1.1 | Field Separator | R |  |  |
| MSH.2.1 | Encoding Characters | R |  |  |
| MSH.3.1 | ADT Message Sending Application | R |  |  |
| MSH.4.1 | Sending Facility Source Code | R |  | Either MSH.4.1 or 4.2 must be present and uniquely attributable to the individual sending facility |
| MSH.4.2 | Sending Facility Object Identifier (OID) | R |  | Either MSH.4.1 or 4.2 must be present and uniquely attributable to the individual sending facility |
| MSH.7.1 | ADT Message Date & Time | R |  | YYYYMMDDHHMMSS (seconds optional) |
| MSH.9.1 | ADT Message Type | R |  |  |
| MSH.9.2 | ADT Event Type | R |  |  |
| MSH.10.1 | ADT Message Control ID | R |  |  |
| MSH.12.1 | Version | R |  |  |
| EVN.1.1 | ADT Event Type | R |  |  |
| EVN.2.1 | ADT Event Recorded Date & Time | R |  | YYYYMMDDHHMMSS (seconds optional) |
| EVN.4.1 | Event Reason Code | R |  |  |
| EVN.7.1 | Event Facility | R |  |  |
| PID.1.1 | Set ID – Patient ID | R |  |  |
| PID.2.1 | Patient ID (external) | E |  |  |
| PID.3.1 | Patient Identifier List | R |  | Source facility MRN should be clearly labeled if multiple values are present |
| PID.3.4 | Patient Identifier – Assigning Authority | R |  |  |
| PID.3.6 | Patient Identifier – Assigning Facility | R |  |  |
| PID.4.1 | Alternative Patient ID | E |  |  |
| PID.5.1 | Patient Last Name | R |  |  |
| PID.5.2 | Patient First Name | R |  |  |
| PID.5.3 | Patient Middle Name | E |  |  |
| PID.5.4 | Patient Name Suffix | E |  |  |
| PID.7.1 | Patient Date of Birth | R |  | Omit seconds if applicable |
| PID.8.1 | Patient Gender | R | HL7 Sex |  |
| PID.10.1 | Patient Race | E | HL7 Race |  |
| PID.11.1 | Patient Address – Street 1 | R |  |  |
| PID.11.2 | Patient Address – Street 2 | E |  |  |
| PID.11.3 | Patient Address - City | R |  |  |
| PID.11.4 | Patient Address - State | R |  |  |
| PID.11.5 | Patient Address – Zip Code | R |  |  |
| PID.13.1 | Patient Telephone - Home | R |  |  |
| PID.14.1 | Patient Telephone - Business | E |  |  |
| PID.18.1 | Patient Account Number | R |  |  |
| PID.19.1 | Patient SSN | E |  |  |
| PID.22.1 | Patient Ethnicity | E | HL7 Ethnic Group |  |
| PID.24.1 | Patient Multiple Birth Indicator | E | HL7 Multiple Birth |  |
| PID.25.1 | Patient Birth Order | E | HL7 Birth Order |  |
| PID.29.1 | Patient Death Date & Time | R |  |  |
| PID.30.1 | Patient Death Indicator | R | HL7 Death Indicator |  |
| PV1.1.1 | Set ID | R |  |  |
| PV1.2.1 | Patient Class | R | HL7 Patient Class |  |
| PV1.4.1 | Admission Type | R | HL7 Admission Type |  |
| PV1.7.1 | Attending Doctor ID Number | R | NPPES National Provider Identifier (NPI) |  |
| PV1.7.2 | Attending Doctor Last Name | R |  |  |
| PV1.7.3 | Attending Doctor First Name | R |  |  |
| PV1.13.1 | Visit Readmission Indicator | E | HL7 Readmission Indicator |  |
| PV1.19.1 | Visit Number | R |  | Unique encounter code |
| PV1.36.1 | Discharge Disposition | R | HL7 Discharge Disposition |  |
| PV1.37.1 | Discharge to Location | E |  |  |
| PV1.44.1 | Admit Date & Time | R |  |  |
| PV1.45.1 | Discharge Date & Time | R |  |  |
| PV2.3.1 | Admit Reason | R |  |  |
| DG1.3.1 | Diagnosis Code | R | ICD9/10 |  |
| DG1.4.1 | Diagnosis Description | R |  |  |
| DG1.6.1 | Diagnosis Type | R | HL7 Diagnosis Type |  |
| IN1.3.1 | Insurance Company ID | E |  |  |
| IN1.4.1 | Insurance Company Name | R |  |  |
| IN1.49.1 | Insured’s ID Number | R |  |  |

# Data Timeliness

All ADT messages are required to be sent to the Florida HIE immediately upon the creation of each message, in “near real time.” It is understood that on some occasions messages will take longer to travel from the source system to the HIE, due to network traffic or other connectivity issues. However, a prolonged, multi-day instance of messages being relayed to the HIE more than 2 hours after their creation time will be out of compliance with this requirement. Additionally, batched files of ADT messages will be considered out of compliance with this requirement.

# Data Filtration

ADTs originating from facilities or programs covered by 42 CFR Part 2 substance abuse confidentiality regulations are required to be filtered out of a data source’s ADT feed to the Florida HIE. Hospital data sources are also required to filter restricted self-pay ADTs in compliance with 45 CFR § 164.522(a)(1)(vi). In order to ensure that restricted self-pay data is filtered, hospital data sources may filter all self-pay data from their feed to the Florida HIE. Such filtering should not be based on, or be so broad as to exclude, any of the required ADT Event Types. No other filtering practices are allowable within the feed of data to the Florida HIE, except as required by law.