



ESSENCE HL7 Messaging Guide

Purpose

This guide contains specifications for the collective data elements needed to meet the State of Florida's criteria for the Stage 2 Meaningful Use syndromic surveillance menu option. This guide should serve as a complement to the PHIN Messaging Guide for Syndromic Surveillance that was developed by the International Society for Disease Prevention in response to the Meaningful Use legislation. For detailed information on message structure, message segments, and HL7 vocabulary please refer to the PHIN Messaging Guide for Syndromic Surveillance found here:

http://www.cdc.gov/phin/library/guides/PHIN_MSG_Guide_for_SS_ED_and_UC_Data_v1_0.pdf.

Data Elements of Interest

Data Element	Location	Description	Value Set
Report Date/Time	EVN 2	Date and time of report transmission from original source (from treating facility)	YYYYMMDDHHMM[SS[.S[S[S[S]]]]] [+/-ZZZZ]
Facility Name	EVN 7.1	Name of facility where the patient originally presented	Legal Business Name
Facility Identifier	EVN 7.2	National Provider Identifier	http://www.cms.gov/NationalProviderStand/
Medical Record Number	PID 3	Patient medical record number	
Gender	PID 8	Gender of patient	F, M, O, U (female, male, other, unknown)
Race	PID 10	Race of Patient	http://phinvads.cdc.gov/vads/ViewValueSet.action?id=67D34BBC-617F-DD11-B38D-00188B398520
Patient Zip	PID 11.5	ZIP Code of patient residence	Provide a minimum of 5 digits for domestic ZIP codes.
Patient State	PID 11.4	State of patient residence	Two letter abbreviation
Patient Country	PID 11.6	Country of patient	http://phinvads.cdc.gov/vads/ViewValueSet.action?id=1FD34BBC-617F-DD11-B38D-00188B398520
Unique Patient ID	PID 18	Account number	
Ethnicity	PID 22	<u>Ethnicity of Patient</u>	http://phinvads.cdc.gov/vads/ViewValueSet.action?id=35D34BBC-617F-DD11-B38D-00188B398520



ESSENCE HL7 Messaging Guide

Unique Visiting ID	PV 1.19	If this data isn't collected then send account number in PID 18	
Patient Class	PV 1.2	Patient classification within facility	http://phinvads.cdc.gov/vads/ViewValueSet.action?id=2E275396-9717-E011-87A0-00188B39829B
Discharge Disposition	PV 1.36	Patient's anticipated location or status following ED/UC visit; The disposition of the patient at time of discharge (i.e., discharged to home, expired, etc.).	http://phinvads.cdc.gov/vads/ViewValueSet.action?id=29D34BBC-617F-DD11-B38D-00188B398520
Visit Date/Time	PV 1.44	Date/Time of patient presentation	YYYYMMDDHHMM[SS[.S[S[S[S]]]]][+/-ZZZZ]
Disposition Date/Time	PV 1.45	Date and time of disposition	YYYYMMDDHHMM[SS[.S[S[S[S]]]]][+/-ZZZZ]
Diagnosis	DG 1.3	Diagnosis or injury code of patient condition	textual with ICD9
Diagnosis Type	DG 1.6	Qualifier for Diagnosis / Injury Code specifying type of diagnosis	A, F, W (Admitting, Final, Working)
Chief Complaint	OBX	Free text chief complaint as reported by the patient at the time of registration	The actual data value occurs in the 5th field of the same OBX segment and is numeric. OBX 3 CWE 8661-1^CHIEF COMPLAINT:FIND:PT:PATIENT:NOM:REPORTED^LN ^STOMACHACHE F 201102171531<cr>
Age	OBX	Free Text Numeric value of patient age	The actual data value occurs in the 5th field of the same OBX segment and is numeric.
Pulse Oximetry	OBX	1st recorded pulse oximetry value	The actual data value occurs in the 5th field of the same OBX segment and is numeric.
Initial Temperature	OBX	1st recorded temperature, including units	The actual data value occurs in the 5th field of the same OBX segment and is numeric.
Triage Note	OBX	Triage notes for the patient visit; Triage Notes should be sent as free text.	The actual data value occurs in the 5th field of the same OBX segment and is numeric.