



PHIN Message Quality Framework (MQF) Supported Specifications

Release 4.3

Version 1.0

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Version History

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	PHIN MQF Team	04/20/2016			Initial draft

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INTRODUCTION

OBJECTIVE

The purpose of this document is to communicate the supported specifications by MQF validation. Content in this document includes the current supported messaging standards for MQF Release 4.3. The intended audience of this document is end users.

SUPPORTED SPECIFICATIONS

MQF supports HL7 validation for the following published message standards:

MEANINGFUL USE

The American Recovery and Reinvestment Act authorizes the Centers for Medicare & Medicaid Services (CMS) to provide a reimbursement incentive for physician and hospital providers who are successful in becoming “meaningful users” of an Electronic Health Record (EHR). Starting in 2015, providers are expected to have adopted and be actively utilizing an EHR in compliance with the “meaningful use” definition or they will be subject to financial penalties under Medicare. In order to support Medicare and Medicaid Programs; Electronic Health Record Incentive Program; Final Rule for Meaningful Use, the MQF system has implemented message validation support. To meet this need, the following requirements have been included in PHIN MQF.

Structural / Constraint / Vocabulary Validation is implemented for the following:

Electronic Laboratory Reporting

✓ HL7 Version 2.5.1 Implementation Guide: Electronic Laboratory Reporting to Public Health (US Realm), Release 1.0, HL7 Informative Document, February 2010

Immunization

✓ Implementation Guide for Immunization Data Transactions using Version 2.3.1 of the Health Level Seven (HL7) Protocol, Version 2.2, June 2006

✓ HL7 Version 2.5.1 Implementation Guide for Immunization Messaging Release 1.2, February 2011

Syndromic Surveillance

✓ PHIN Messaging Guide for Syndromic Surveillance: Emergency Department and Urgent Care Data, HL7 Version 2.5.1 (Version 2.3.1 Compatible) Release 1.0, October 2011

NND CASE NOTIFICATION

Structural / Constraint / Vocabulary Validation is implemented for the following:

- ✓ PHIN HL7 Version 2.5 Messaging Standard National Condition Reporting Case Notification ORU^R01 Message Structure Specification/Profile Version 2.0., 10/23/2008
- ✓ Varicella Case Notification Message Mapping Guide, Version 2.0, 01/09/2009
- ✓ Generic Case Notification Message Mapping Guide, Version.1.0, 06/16/2009
- ✓ Arboviral Human Case Notification Message Mapping Guide, Version 1.2, 06/22/2012 *
- ✓ Arboviral Human Case Notification Message Mapping Guide, Version 1.3, 03/31/2016*
- ✓ Malaria Case Notification Message Mapping Guide, Version 1.04, 03/10/2010
- ✓ Generic Summary Case Notification Message Mapping Guide, Version 1.0., 06/18/2009
- ✓ Tuberculosis Case Notification Message Mapping Guide, Version 2.0., 01/09/2009

*Both Arboviral Human Case Notification Message Mapping Guide are validated under the one Case Notification Arboviral v1.0 validator

PHLIP

Structural / Constraint / Vocabulary Validation is implemented for the following:

- ✓ APHL – CDC PHLIP Messaging Guide for Influenza Test Result Reporting by Public Health Laboratories, ORU R01 HL7 v2.3.1, Document Version 1.0.2, 10/15/2009