

Introduction

In accordance with the Statewide Common Participation Agreement (SCPA), each SHIN-NY Participant that is a Data Provider must Contribute Core SHIN-NY Data to its Designated Health Information Network's (HIN's) SHIN-NY Platform in accordance with the Required Core SHIN-NY Data Contributions for Data Providers SOP. This SHIN-NY Technical Standards for Interoperability and Data Sharing SOP defines the means and methods by which Data Providers and QEs are to securely transmit Core SHIN-NY Data to the applicable SHIN-NY Platforms.

Purpose, Scope, and Intended Audience

This SOP sets forth a minimum set of interoperability and data sharing guidelines to govern how Data Providers and QEs Contribute Core SHIN-NY Data to the applicable SHIN-NY Platform (QE Platform and/or Statewide Data Infrastructure (SDI)).

Nothing in this SOP alters or limits the obligations of a SHIN-NY Participant regarding public health reporting, technical standards for public health reporting, or other requirements for public health reporting as specified by Applicable Law.

Definitions

All underlined terms in this SHIN-NY SOP are defined in the *SCPA and SHIN-NY SOPs Glossary*, which is available here: [SCPA and SHIN-NY SOPs Glossary](#).

Procedures

Each Data Provider and QE must Contribute Core SHIN-NY Data, as defined in the Required Core SHIN-NY Data Contributions for Data Providers SOP, to the applicable SHIN-NY Platform via the methods described below:

1. **Core QE Data.** Data Providers must Contribute Core QE Data to their Designated HIN's QE Platform using the means and methods described below:
 - a. Data Providers are to Contribute United States Core Data for Interoperability (USCDI) v1 (or later versions) data elements as published by the Assistant Secretary for Technology Policy (ASTP)/Office of the National Coordinator (ONC). Although a specific data transport mechanism is not defined, Data Providers must Contribute Core QE Data using methods that are compliant with the SHIN-NY Privacy and Security SOPs and supported by the Designated HIN's QE Platform.

- b. Data Providers are required to Contribute Admit, Discharge & Transfer (ADT) data to QE Platforms in near real-time via HL7 v2 (or later versions).
 - c. SHIN-NY Participants that make requests for Encounter Alerts from their Designated HIN based on ADT events must securely submit a patient roster to their Designated HIN identifying the individuals for whom Encounter Alerts of ADT events are requested. Participants must submit the patient rosters using any open technical standard that is compliant with the SHIN-NY Privacy and Security SOPs and supported by both the Participant and Designated HIN.
 - d. Data Providers are encouraged to support delivery using HL7 Fast Healthcare Interoperability Resources (FHIR) Release 4 conforming to the US Core Implementation Guide for Information Delivery if possible. Note that this delivery standard may be required in future revisions of this SOP. See <https://hl7.org/fhir/R4/>.
 - e. Data Providers using interfaces for Core QE Data Contribution are encouraged to use HL7 v2 (or later versions), but may use any open technical standard that is compliant with the SHIN-NY Privacy and Security SOPs and supported by both the Participant and HIN. For example, formats including HL7 v2 (or later versions) and Secure File Transport Protocol (SFTP) are permissible. See https://www.hl7.org/implement/standards/product_brief.cfm?product_id=185
 - f. A SHIN-NY Participant may use Direct Secure Messaging for Core QE Data Contribution if supported by the HIN. See https://www.healthit.gov/sites/default/files/page/2020-07/0720_Direct%20Secure%20Messaging%20Basics.pdf
2. **Core SDI Data.** QEs and SDI Waiver Participants must contribute Core SDI Data, as defined in the Required Core SHIN-NY Data Contributions for Data Providers SOP, to the SDI using the means and methods described below:
- a. With exception of Patient Identity Data, QEs and SDI Waiver Participants are required to support delivery of Core SDI Data using HL7 Fast Healthcare Interoperability Resources (FHIR) Release 4 conforming to the US Core Implementation Guide for Information Delivery if possible. Note that this delivery standard may be required in future revisions of this SOP. See <https://hl7.org/fhir/R4/>

- b. Patient Identity Data must be Contributed to the SDI. Acceptable methods for submission may be using SFTP, HL7 v2 (or later versions), API, or other direct connections (e.g. database-to-database), pending approval by NYeC.
 - c. QEs are to Contribute Admit, Discharge & Transfer (ADT) data to the SDI Encounter Hub in near real-time via HL7 v2 (or later versions)).
3. **Data Contribution via an Intermediary.** A Data Provider that uses an Intermediary to Contribute Core SHIN-NY Data may use any open technical standard compliant with the SHIN-NY Privacy and Security SOPs and supported by both the Data Provider and the Intermediary.

Amendment Procedures

As technology standards and data needs evolve, the SHIN-NY Technical Advisory Committee will identify needs for updates and modifications to requirements technical standards for interoperability and data sharing in the SHIN-NY. Any revisions to this SOP will be made in accordance with the Statewide Collaboration Process SOP.

Version History

Version Number	Date Adopted	Summary of Action/Changes
1.0	3/28/25	Approved by Technical Advisory Committee
	4/01/25	Approved by NYeC Board
	4/02/25	Approved by NYS Department of Health