COVID-19 Immunization Data Extract Specifications

Overview

HealthInfoNet supports its HIE participants' ongoing COVID-19 research, reporting, and care management efforts by making available COVID-19 immunizations information received from Maine's Immunization Information System (ImmPact) for defined patient populations in a data extract format.

Process

1. Participant reviews and agrees to the service specifications outlined below.

    a. Participant emails Delaney Paterson, HealthInfoNet's Client Engagement Manager, when ready to initiate project next steps.

2. Participant provides HealthInfoNet with a patient attribution file (see template structure below) via SFTP on a routine basis (TBD with Participant) to inform data extract.

3. HealthInfoNet incorporates the Participant's patient attribution file and generates, then delivers, the defined data extract (see table structure below) to the Participant via SFTP on a routine basis (TBD with Participant).

Assumptions

1. Participant is able to create a patient attribution file for its organization in alignment with HealthInfoNet's patient attribution template.

2. Participant is able to drop its patient attribution file(s) onto HealthInfoNet's SFTP server.

3. Participant is responsible for making changes to and subsequently dropping new versions of its organization's patient attribution file onto HealthInfoNet's SFTP server to inform updated data extracts.

4. Participant is able to pull the data extract from HealthInfoNet's SFTP server once available.

Specifications

Patient Attribution Template: Includes a unique record per attributed patient with the necessary identifiers and/or demographic information to allow HealthInfoNet to make a match in its systems.

The following table serves as HealthInfoNet's patient attribution template. Upon project initiation, a separate .csv file template will be shared with the Participant to populate. The file must be saved as a comma-delimited .csv file by the Participant and delivered to HealthInfoNet via the SFTP process described above.

#	Field	Definition	Rules
1	id_type	The organization's unique site identifier	Required
2	id	The patient's medical record number	Required, if #3-10 null
3	patient_fname	The patient's first name	Required, if #2 null
4	patient_lname	The patient's last name	Required, if #2 null
5	patient_dob	The patient's date of birth	Required, if #2 null
6	patient_address	The patient's street address of residence	Required, if #2 null
7	patient_city	The patient's city of residence	Required, if #2 null
8	patient_state	The patient's state of residence	Required, if #2 null
9	patient_zip	The patient's ZIP code of residence	Required, if #2 null

#	Field	Definition	Rules
10	patient_sex	The patient's legal sex	Required, if #2 null

COVID-19 Immunizations Table: Includes a unique record per attributed patient's immunization record(s) documented in ImmPact; a single patient may have multiple immunization records depending on the number of COVID-19 immunizations received.

The following table serves as HealthInfoNet's COVID-19 immunizations data extract service. This table can be formatted as either a comma-delimited or a pipe-delimited .csv file and is delivered to the Participant via the SFTP process described above.

#	Field	Definition
1	id	The patient's medical record number
2	patient_fname	The patient's first name
3	patient_mname	The patient's middle name/initial
4	patient_lname	The patient's last name
5	patient_dob	The patient's date of birth
6	patient_sex	The patient's legal sex
7	patient_address	The patient's street address of residence
8	patient_city	The patient's city of residence
9	patient_state	The patient's state of residence
10	patient_zip	The patient's ZIP code of residence
11	patient_phone	The patient's primary telephone number
12	patient_ssn	The patient's social security number
13	vaccination_date	The date when the patient received their COVID-19 vaccination
14	cvx_code	The COVID-19 vaccine manufacturer's product code
15	dose_amount	The dosage quantity of the COVID-19 vaccination received by the patient
16	lot_number	The specific batch of COVID-19 vaccine received by the patient
17	expiration_date	The expiration date of the COVID-19 vaccination received by the patient
18	manufacturer	The manufacturer of the COVID-19 vaccination received by the patient
19	admin_route	The source of the COVID-19 vaccine record reported to the HIE