

How to use the Iron Bridge Integration (Immunization Registries Partner)

07/08/2024 7:19 pm EDT

[Click here for : Initial Onboarding Steps for Iron Bridge Integration - Immunization Registries](#)

Cost: \$35 per Provider/month

DrChrono has partnered with Iron Bridge to help connect our primary care and immunizing providers to all state immunization registries with one integration. Through this partnership, our customers will be able to easily and quickly connect to their practice's state registry to submit applied and historical vaccine data as well as query for the below to meet MIPS and state reporting requirements.

- patient forecast (what immunizations are upcoming or due for a patient)
- immunization history (what immunization have been applied to the patient)

Sending Submissions

In order to send vaccine submissions, it is *required* to enter data in the listed fields below for both [Patient Demographics](#) and [IIS Publicity Profile](#) for a successful submission. Blank fields will generate an error detailing which required fields are missing which can be viewed in the Message Center.

Patient Demographics

- First Name
- Last Name
- Date of birth
- Sex
- Race
- Ethnicity
- Telecom (have ONE of the following values)
 - Home Phone
 - Cell Phone
 - Office Phone
 - Email
- Address
 - Street Address
 - State
 - City
 - Zip Code
 - Country
- If the patient has a responsible party member, you MUST also have the following fields filled out:
 - Responsible Party Name
 - Responsible Party DOB
 - Responsible Party Relation
 - Responsible Party Telecom: (choose one or both options)
 - Responsible Party Phone
 - Phone Use (Must select if there a phone number inputted)
 - Responsible Party Email

- Responsible Party Address
- Responsible Party Zip Code
- Responsible Party City
- Responsible Party State

IIS Publicity Profile (Immunizations > Jump to button)

The screenshot shows the 'Immunizations' section of a patient's record. On the left is a navigation menu with 'Immunizations' highlighted. The main area has a 'Download HL7 Immunization Record' and 'Print Immunization Record' button. Below that are steps: 'Step 1: Select Vaccines', 'Step 2: Review and Sign', and 'Step 3: Record Vaccinations'. Under 'Step 1. Select Vaccines', there are filters for age groups: 'Birth - 2 years', '2 - 18 years', 'Adult', and 'Other'. A table lists vaccines with columns for Schedule, Vaccine, Cvx Code, Consent Form, VIS, Administered On, Administered By, and Status. A 'Jump to' button is located in the top right, with a red arrow pointing to it and a tooltip that says 'Next of Kin IIS Publicity Profile'.

- ID Number (optional)
- Mother's Maiden Name (optional)
- Multiple Birth Indicator - is patient a part of multiples (ex: twins, triplets etc)
- Birth Order - if patient is an only child or has siblings (ex: 1st born, 2nd born etc)
- Level of Publicity - how the patient wishes to be contacted in case of a reminder or recall
- Publicity Effective Date - date publicity option should start taking effect
- Registry Status - if the patient's records are actively being documented in DrChrono (Active) or not (Inactive)
- Registry Status Effective Date - date registry status should start taking effect
- Protection Level - whether immunization record can be shared or not
- Protection Effective Date - effective date of protection level

Immunization Profile

ID Number:
 Mother's Maiden Name:
 Multiple Birth Indicator: ⓘ
 Birth Order:
 Level of Publicity: ⓘ
 Publicity Effective Date:
 Registry Status: ⓘ
 Registry Status Effective Date: ⓘ
 Protection Level: ⓘ
 Protection Effective Date: ⓘ

[Save](#)

Creating a Vaccination Record

To create a vaccination record in a patient's chart navigate to [Immunization Records](#)

When creating a vaccine record, have the following fields (based on the table below) filled out based on the Record Type selected via Step 3. Record Vaccinations tab.

In addition to the Step 3. Record Vaccinations tab - if a user updates or enters a value for either the CVX code or

the vaccine name, the other fields will automatically update based on the latest value entered for either the vaccine name or CVX code.

Note: Users can also select "inactive providers" when selecting vaccines from the Administering Provider dropdown list in the Step 3. Please contact [DrChrono Support](#) or [Account Management](#) to have this option enabled.

DrChrono Internal Use: [How to enable "inactive providers" for vaccine records- Immunization Registries \(Internal Process\)](#)

Refused Vaccines - When the user clicks on the Reason for Refusal field, a dropdown list will appear to choose from. If this option is selected, the field is required and must be filled out before a user can click the Save or Save & Sync to Registry buttons.

Note: If a new vaccine is saved in the [vaccine inventory management](#) screen, it will become available as an option in the Vaccine Inventory lot dropdown field on the Step 3: Record Vaccination screen. When a user selects one of the vaccine options, the associated fields will automatically populate based on the information provided when creating the vaccine in the Vaccine inventory management screen.

Newly Administered Vaccines	Historical Vaccines	Refused Vaccines
Vaccination Status	Vaccination Status	Vaccination Status
Ordering By	Entering Organization	Entering Organization
Administering Provider	Entered By	Entered By
Entering Organization	Administered On	Administered On
Entered By	Record Type	Priority Group
Administered	Priority Group	Refusal Reason
Record Type		
CVX Code		
Name		
NDC		
Manufacturer		
Lot Number		
Lot Expiration Date		
Administered Amount		
Administered Units		
Vaccine Route		
Vaccine Site		
Priority Group		

Funding Source		
Funding Eligibility		

Upon submitting the vaccination record users will have the option to Save Locally (to DrChrono) or [Save & Sync to Registry](#).

Users will be able to view which vaccinations were sent to the registry or saved locally via the "Step 1: Select Vaccines" tab under the Registry Sync column.

For vaccinations that were Saved Locally , there will be a sync icon to provide the option to Save & Sync to Registry.

Schedule	Vaccine	CVX Code	Consent Form	VIS	Administered On	Administered By	Registry Sync	Status	Action
Birth	HepB	DTaP, IPV, Hib, HepB			6/8/23 12:19 PM				
		DTaP, IPV, Hib, HepB			6/8/23 12:19 PM		Sent to Registry	Complete	
		DTaP, IPV, Hib, HepB			6/8/23 12:19 PM		Saved Locally		Complete

Save & Sync to Registry

From the patient's chart > Immunizations section > Step 3. Record Vaccinations.

Users will have an option to Save or Save & Sync to Registry.

When a user clicks on the Save & Sync to Registry button, all vaccines that were not previously sent to the state registry on or after the indicated vaccine threshold date will now be submitted. Unsuccessful submissions will generate an error detailing the reason which can be viewed in the Message Center.

Group Submissions: Users will be able to identify if vaccines are grouped together for submission based on whether the vaccine was:

1. not previously sent to the state registry before (saved locally).
2. administered after the Vaccine Threshold Date.

The "Save & Sync Registry" button will become clickable once the last vaccine in a group is ready to be saved locally. Users will still be able to click the "Save" button to save vaccines locally.

Syncing to the registry

- Hib (PRP-T)
- Hep A-Hep B

Save & Sync to Registry (2)
Save

Current Status

Vaccination Status:

Ordered By:

Administering Provider:

Entering Organization:

Entered By:

Administered on:

Record Type:

CVX Code

CVX Code:

Name:

NDC:

CPT Code:

Manufacturer:

Lot Info

Lot number:

Lot expiration date:

Administered amount:

Administered units:

Vaccine route:

Vaccine site:

Vaccine inventory lot:

Funding Source:

Funding Eligibility:

Priority Group:

Observed Immunity:

Comments/Notes:

[Save & Sync to Registry](#) [Save](#)

Registry Status Column

From the patient's chart > Immunizations section > Step 1. Select Vaccines.

- Sent to Registry = vaccine data entered in the DrChrono system first and was sent to the IIS successfully.
- Saved locally = vaccine data is only saved/entered in the DrChrono system and has not been sent to the IIS.
- Errored = Vaccine submissions that fail due to an error message. Users will be able to correct the error via the edit option and use the resend button (next to the Errored status) to resubmit the vaccine as a new submission with the changes made to the vaccine record.

Step 1: Select Vaccines Step 2: Review and Sign Step 3: Record Vaccinations

Step 1. Select Vaccines

Birth - 2 years 2 - 18 years Adult Other

Show Inactive Show Latest Records History & Forecast

Schedule	Vaccine	Cvx Code	Consent Form	VIS	Administered On	Administered By	Registry Sync	Status
Birth	HepB	Hep B, unspecified formulation	View		4/16/24 10:24 AM	Lily Jackson	Errored ↻	Complete Edit Remove Refuse
1 - 4 Months	HepB	Hep B Unspec			4/15/09 12:00 AM		Reconciled	Complete Edit Remove Refuse
2 - 4 Months	HIB	Hib (PRP-T)	View	Haemophilus Influenzae type b (Hib) Vaccine VIS Multi Pediatric Vaccines VIS	4/23/24 11:37 AM		Saved Locally ↻	Complete Edit Remove Refuse

Viewing Patient History and Forecast Vaccinations

1. From the Immunizations tab of the patient's chart click the "History & Forecast" button. This will start the process to retrieve the patient's immunization history and forecast data from the Immunization Information Systems (IIS) Registry.

Immunizations [Jump to](#)

Step 1: Select Vaccines Step 2: Review and Sign Step 3: Record Vaccinations

Step 1. Select Vaccines

Birth - 2 years 2 - 18 years Adult Other

Show Inactive Show Latest Records [History & Forecast](#)

2. Validate that the patient has all required patient demographic fields entered .

If the patient does not have all required demographic fields, an alert will appear regarding which patient demographic fields are missing information.

Required Patient Demographic Fields

- First Name

▼ FIRST NAME

- Last Name
- Date of Birth
- Gender/Sex
- Address Line 1 (Use Street Address)
- City
- State
- MRN (Immunization Profile ID Number)
- To view the Profile ID Number click Jump To button > select IIS Publicity Profile > ID Number.

The screenshot shows the 'Immunizations' section of a patient's record. On the left is a sidebar with various medical history categories. The main area has a 'Download HL7 Immunization Record' and 'Print Immunization Record' button. Below that, there are three steps: 'Step 1: Select Vaccines', 'Step 2: Review and Sign', and 'Step 3: Record Vaccinations'. The 'Step 1: Select Vaccines' section includes filters for age groups (Birth - 2 years, 2 - 18 years, Adult, Older) and buttons for 'Show Inactive' and 'Show Latest Records'. A table lists vaccine records with columns for Schedule, Vaccine, Cvx Code, Consent Form, VIS, Administered On, Administered By, and Status. Three records are shown for HepB and Hib vaccines. A 'Jump to' button is highlighted with a red arrow pointing to a dropdown menu labeled 'Next of Kin IIS Publicity Profile'.

Schedule	Vaccine	Cvx Code	Consent Form	VIS	Administered On	Administered By	Status
Birth	HepB						Refuse
1 - 4 Months	HepB						Refuse
2 - 4 Months	HIB						Refuse

3. Pick the applicable office location to submit the History and Forecast request from, then click Search.

If there are no offices enrolled/linked with the state registry via Iron Bridge an error message will appear: "There are no offices enrolled with a state registry at this time. Please enroll an office to continue this reconciliation."

Please select the state registry to request the patient's immunization history and forecast from.

Requesting Patient

123456789 Patient Name 12/23/1990 | Female
1234 St, Unit B, Seattle, WA 12345

Requesting Office

Seattle Office (Washington Registry) ▼

Cancel

Search

4. Based on the patient demographics entered, if the search is successful, the query will generate the history and forecast immunizations/vaccinations data.

We found a matching patient record from the immunization registry.

Requesting office
NISTEHRFacility

Matching Result

Chart ID	PatientName	Date of Birth	Gender	Address
171122		02/14/2009	Male	

Immunization Registry Record - ACIP Forecast Schedule

Vaccine Group	Due Date	Earliest Date to Give	Latest Date to Give
MMR	02/14/2015	06/14/2010	
IPV	02/14/2010		
DTAP	02/14/2010		

Immunization Registry Record - History

Vaccine Group	Vaccine	Date Administered	Date Administered	Validity Reason	Status
Hep B NOS	Hep B Unspec	04/15/2009	Yes		Complete
HIB NOS	HIB PRP-T	03/14/2009	No	Too Young	Complete
DTAP	DTAP-Hep B-IPV	10/11/2009	Yes		Complete
Hep B NOS	Hep BPEDS	04/11/2010	Yes		Complete
MMR	MMR	04/15/2010	Yes		Complete

Query response types

- Success = There is a one to one match with the patient from DrChrono and the Immunization Registry.
- No match = This occurs when the patient demographics do not match any of the patients in the IIS Registry.
- Too many patients match = This occurs when the patient demographics match with more than one patient in the IIS Registry.

Reconciling Historical Immunizations to the Patient Chart

Users can reconcile historical immunizations from a state registry to the patient's chart in DrChrono. This function does not apply to forecasted vaccines.

- (From the Immunizations tab) Click History and Forecast button
- From the Immunization Registry Record - History section) Select/Click the immunizations to reconcile
- Click the Reconcile button

Only the selected vaccines will populate to the patient chart.

Immunization Registry Record - History

<input type="checkbox"/>	Vaccine Group	Vaccine	Schedule	Date Administered	Valid Dose	Validity Reason	Status
<input type="checkbox"/>	MENING	MENING	13 - 16 Years	12/21/2023	Yes	Too Young	Complete
<input checked="" type="checkbox"/>	Td	Td (adult)	13 - 16 Years	12/21/2023			Complete
<input type="checkbox"/>	POLIO	IPV	13 - 16 Years	12/21/2023			Complete



Step 1. Select Vaccines

Birth - 2 years 2 - 18 years Adult Other

Show Inactive Show Latest Records History & Forecast

Schedule	Vaccine	Cvx Code	Consent Form	VIS	Administered On	Administered By	Registry Sync	Status
Birth	HepB	Hep B, unspecified formulation	View		4/16/24 10:24 AM	Lily Jackson	Errored ↻	Complete Edit Remove Refuse
1 - 4 Months	HepB	Hep B Unspec			4/15/09 12:00 AM		Reconciled	Complete Edit Remove Refuse
2 - 4 Months	HIB	Hib (PRP-T)	View	Haemophilus Influenzae type b (Hib) Vaccine VIS Multi Pediatric Vaccines VIS	4/23/24 11:37 AM		Saved Locally ↻	Complete Edit Remove Refuse

FAQ- Iron Bridge Integration (Immunization Registries Partner)

(Video Tutorial) How to use the Iron Bridge Integration -Immunization Registries Partner