

# CDPH "I-CARE" DATA QUALITY BEST PRACTICES



## INTRODUCTION

This best guide should aid city of Chicago providers in improving the quality of the data practices being sent to the Immunization registry.

## QUESTIONS TO CONSIDER FOR DATA QUALITY

Completeness - How comprehensive is the information?

Accuracy - Is the information correct in every detail?

Reliability - Does this information contradict other trusted resources?

Timeliness - How up to date is this information? Can it be used for real-time reporting?

## HIGH-PRIORITY DATA ELEMENTS

When update functionality is available in the EMR/EHR, provider sites should consider updating values for all fields listed below as needed to improve data reported to the immunization registry.

- Patient First Name
- Patient Last Name
- Patient Date of Birth
- Patient Address
- Patient Address: County
- Patient Address: State
- Patient Address: Zipcode
- Patient Telephone
- Patient Race
- Patient Ethnicity
- Vaccine Brand Name
- Lot Number
- MVX Code
- CVX Code
- CPT Code
- Provider Reporting Site
- Vaccinator
- Body Site
- Body Route
- Patient Eligibility Status
- Vaccine Fund Code
- Provider Site Name
- Administration Address

## REPORTING HISTORICAL DOSES ACCURATELY

Do not send immunization data when processing billing. We are seeing an influx of sites that bill for an administered vaccine. These billing events should not be reported to the registry as a historical dose. This is causing many residents to have duplicate doses on their records. This impacts our ability to forecast and notify patients when they are overdue for their next dose.

The quality of data being sent by our provider sites is critical, we thank you for your support in establishing high quality data when transmitting to I-CARE. Please continue to work with your EHR/IT Team to ensure that all required data fields are sent with each record.

Below are some great resources to help you with this process  
[HTTPS://ICAREHL7.DPH.ILLINOIS.GOV/ICARE/DOC/](https://icarehl7.dph.illinois.gov/icare/doc/)