

Immunization Integration Program (IIP)

Training Resources for Vaccine Data Entry Users

This guide lists training resources that promote best practices for data validation in the EHR prior to submission to the IIS.

The resources shown below are divided into three categories of users:

- Registration: These resources are targeted to support users who enter patient demographic information upon registration.
- Vaccine Administrators: These resources are targeted to support users who enter information about the vaccine and the patient encounter.
- Informatics/IT Team: These resources are targeted to users who support the organization's EHR, workflows, and administration.

Please note that the following resources are offered as suggestions and may contain guidance that differs from your organization's policies and practices. The IIP is not responsible for maintaining the content contained within the resources. For more information about the IIP, please contact us at iip@himss.org.

Resources for Data Validation during Patient Registration

Resource, Hyperlink, Description	Source
ONC's Health IT Play Book: Registrar Play Book What's the big deal about patient demographic data?: https://www.healthit.gov/playbook/registrar/chapter-1/ General Best Practices for Capturing Patient Demographic Data: https://www.healthit.gov/playbook/registrar/chapter-2/ Best Practices for Data Capture by Data Attribute: https://www.healthit.gov/playbook/registrar/chapter-3/ Three chapters in the Registrar Play Book contain best practices and strategies to capture patient demographic data. The resources include general do's and don'ts, scenario-based training videos, and strategies for building patient relationships.	ONC

Resources for Data Validation During Vaccine Patient Encounter

Resource, Hyperlink, Description	Source
Document the Vaccinations https://www.cdc.gov/vaccines/hcp/admin/document-vaccines.html	CDC

This resource provides guidance on the vaccine data elements that are legally required for health care providers who administer vaccines covered by the National Childhood Vaccine Injury Act.	
ONC's Health IT Play Book: Support Public Health Data Reporting https://www.healthit.gov/playbook/population-public-health/#section-10-4 This resource links to an Interoperability and Public Health Training Course intended for physician practices. There are six modules that introduce interoperability concepts with public health for a variety of activities; one of them being submission of electronic data to immunization registries.	ONC
Ask the Experts: Documenting Vaccination https://www.immunize.org/askexperts/documenting-vaccination.asp This resource lists Frequently Asked Questions about vaccine documentation and provides answers and links to supporting resources.	Immunize.org
Technically Speaking: Recording Vaccinations: What is Required by Federal Law https://www.immunize.org/technically-speaking/20120701.asp This resource lists what is federally required for vaccine documentation and links to the ACIP recommendations.	Immunize.org

Resources for Informatics/IT Teams Supporting EHR Administration

Resource, Hyperlink, Description	Source
ONC's Health IT Play Book: Data Quality Play Book https://www.healthit.gov/playbook/ambulatory-guide/data-quality/ This resource contains four sections: Data Quality Planning, Data Profiling, Data Quality Assessment, Data Cleansing and Improvement. All four of these resources are necessary to implement a patient demographic data quality improvement program.	ONC
ONC's Health IT Play Book: Supporting Processes Play Book https://www.healthit.gov/playbook/ambulatory-guide/supporting-processes/ This resource is best used in conjunction with the Data Quality Play Book. It lays out the supporting processes that are needed to carry out data quality activities.	ONC

Aggregate Immunization Acknowledgment Message Reports Guidance White Paper https://www.himss.org/resources/aggregate-immunization-acknowledgment-message-reports-guidance-white-paper This resource describes the process of summarizing acknowledgement messages (ACKs) in aggregate reports produced by IIS, EHRs and third parties. The information contained within acknowledgment reports can assist healthcare providers and administrators in knowing what happens to patient data after it is sent to an IIS. Comparing reports over time enables users to examine error trends and confirm error reductions.	Immunization Integration Program (IIP)
Data Quality Assurance in Immunization Information Systems https://repository.immregistries.org/resource/data-quality-assurance-in-immunization-information-systems/ There are four resources listed on this site: • Data Quality Assurance in Immunization Information Systems • Data Quality Assurance in Immunization Information Systems- Mini-Guide • Comparison of Past MIROW Data Quality Assurance Best Practices to Current Best Practices • Data Quality Assurance Principles and Business Rules Spreadsheet While these resources are geared towards IIS, it may be useful for health IT implementers to understand the data quality standards for IIS. It may enable health IT implementers to better tailor their systems to meet IIS standards.	AIRA