

MASSACHUSETTS IMMUNIZATION INFORMATION SYSTEM

MIIS: What You Need to Know

2018 Massachusetts
Adult Immunization Conference

Disclosure

I, Julia Monturo Larson, have been asked to disclose any significant relationships with commercial entities that are either providing financial support for this program or whose products or services are mentioned during this presentation.

I have no relationships to disclose.

I may discuss the use of vaccines in a manner not approved by the U.S. Food and Drug Administration, but in accordance with ACIP recommendations.

Agenda

- ❑ Overview of the MIIS
- ❑ Legislation & Regulations
- ❑ Registration
- ❑ Data Sharing
- ❑ MIIS Onboarding Process
- ❑ Meaningful Use Stage 3



Overview of the MIIS

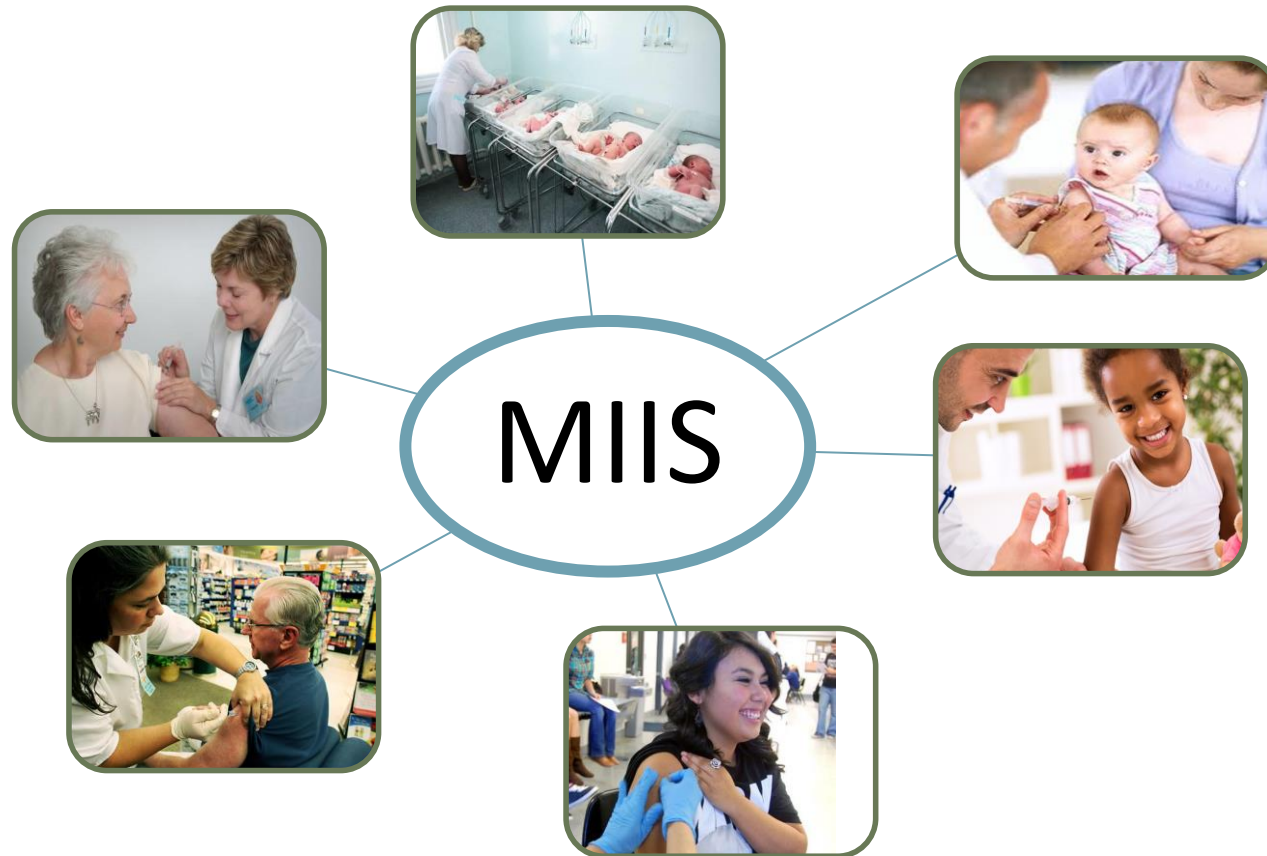
Secure, confidential web-based system

Consolidates immunization records over lifespan

Assists providers with clinical decisions

Includes practice management tools

Hosts essential information for public health emergencies



Massachusetts Immunization Information System

Immunization Registry

- Immunization Records
- Immunization Forecasts
- Add/Edit Immunizations
- Certificates & Reports

Vaccine Management

- Annual Enrollment
- Vaccine Ordering
- Inventory Management
- Reports



Legislation (2010)

Mandatory reporting of all immunizations administered in MA

Provider's duty to inform patients about the MIIS and patient's right to object to data sharing

State registry of vital statistics transmits immunization information regarding immunizations administered to a newborn

Accessible by healthcare professionals that administer immunizations, schools, LBOH, WIC, and other state programs involved in immunizations



Regulations (2015)

Set out required information to be transmitted with historical vaccinations and current vaccinations

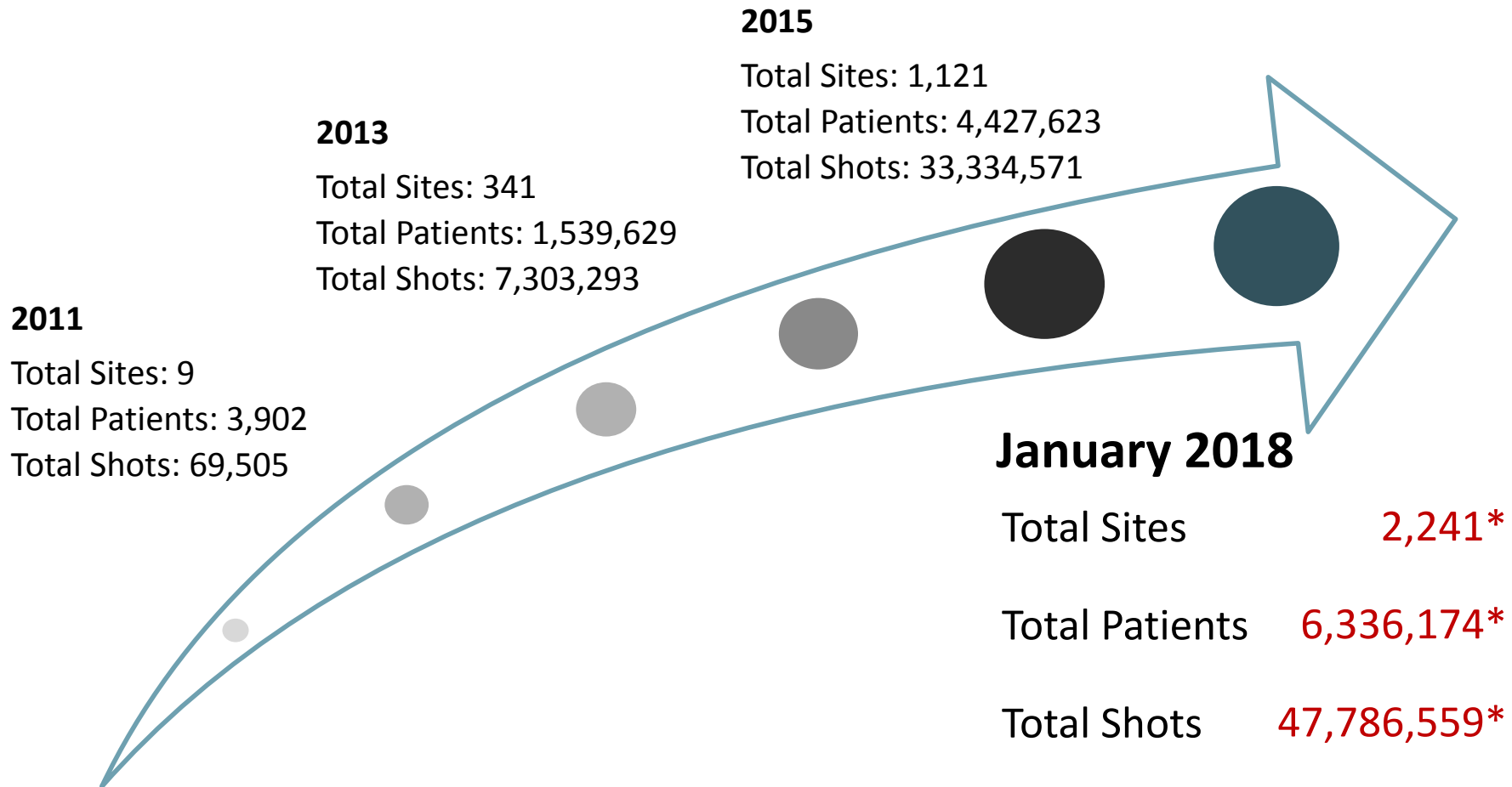
System access and confidentiality, provider registration, research requests

Patient access to records, requests to amend records

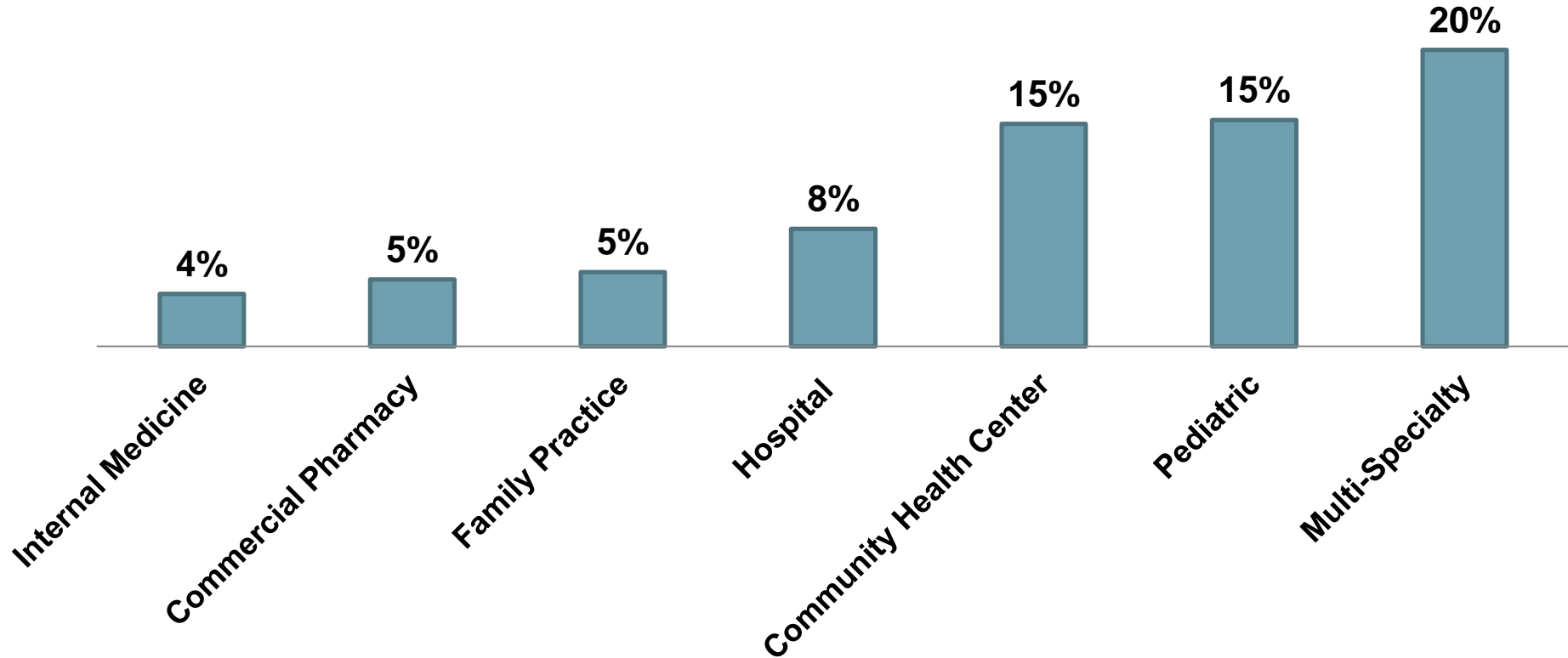
Provider's duty to inform patients about the MIIS and patient's right to object to data sharing

Compliance schedule ended in June 2016

– all providers in MA should be reporting



MIIS Immunization Data by Provider Type







ContactMIIS Resource Center

Home

Onboarding

Registration

Materials

Meaningful Use

Training Center

Support

RSS

Welcome to the MIIS Resource Center

The Massachusetts Department of Public Health (MDPH) Immunization Program is committed to promoting the health of Massachusetts' citizens by reducing the burden of vaccine preventable diseases that affect residents of the Commonwealth. As part of this effort, the MDPH Immunization Program has launched the Massachusetts Immunization Information System (MIIS), a web-based immunization registry and vaccine management system. The MIIS is in the process of being rolled-out to healthcare providers statewide, and once fully implemented, will be the official source of immunization information for Massachusetts. The goal of the MIIS is to consolidate patient immunization information to create secure, accurate and easily accessible immunization records to health care providers across the Commonwealth, who can then share them with patients and families. The MIIS also helps ensure vaccines administered in Massachusetts are based on the latest immunization recommendations.

The ContactMIIS Resource Center is a platform designed to share the most current information, materials and resources related to the roll-out of the MIIS with healthcare providers, families and individuals.

The MIIS is designed to serve the needs of electronic health record (EHR) users through electronic data exchange and can also support the needs of non-EHR users through direct data entry. Please see the [MIIS Provider Flyer \(PDF\)](#) | [RTF](#) for an overview of MIIS features and more information about utilizing the MIIS.

MIIS Regulations and Compliance Schedule *NEW!*

Accessing the MIIS

You can login to the MIIS through the [Virtual Gateway](#)

New Registration

For New Provider Site or User Registration, [Click Here](#) to register.

ContactMIIS - Login

Username:

Password:

Forgot Password

MIIS Registration

The Massachusetts Immunization Information System (MIIS) is hosted by the [Executive Office of Health and Human Services Virtual Gateway \(VG\)](#). To gain access to the MIIS, providers must complete registration for both the MIIS and the VG for the site, as well as individual users. We have integrated both registrations into one process, which can be completed online through this website.

Get Started. Please select the appropriate registration option below.



Healthcare Providers



Public Health Organizations



Pharmacies



Schools



Medical Groups



EHR Vendors



3rd Party Delivery Networks (IDNS)

Who should register using this option?

If you work in a Medical Organization use this option by selecting your type of organization below.

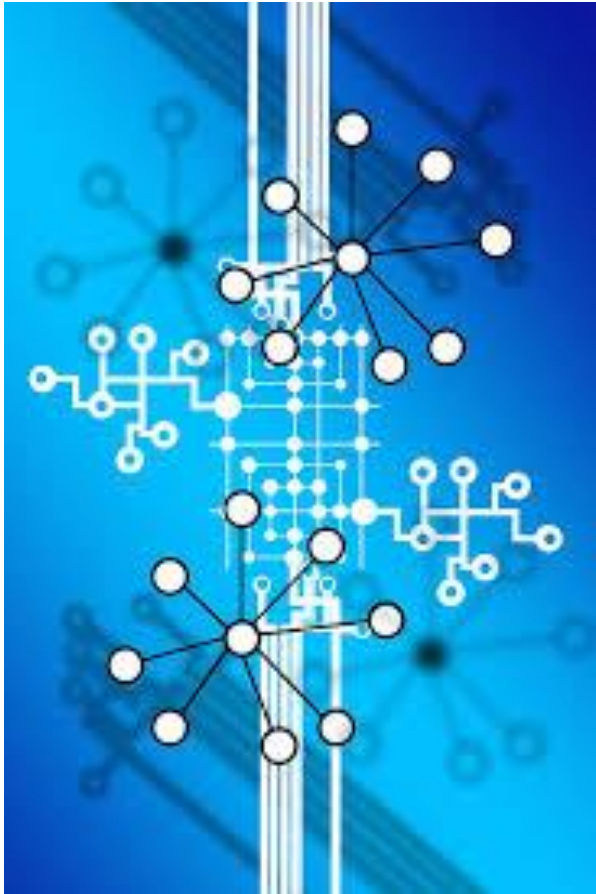
Note: If you represent more than one organization, register under Medical Group below.

- ☒ Register a Physician Office (Eligible Providers - EPs)
- ☐ Register a Hospital (Eligible Hospitals - EHs and CAHs)

Continue

Required Registration Forms

Site	Access Admin.	User
MIIS Site Agreement	MIIS User Agreement	MIIS User Agreement
VG Services Agreement	VG Access Administrator	X



Duty to Inform and Data Sharing

Data Sharing Fast Facts

All administered immunizations are reported to the MIIS

Patients do not opt in or out of the MIIS

Providers have a duty to inform their patients about the MIIS

Patients may limit who can see their immunization data in the MIIS

Patients may object/withdraw a previous objection any number of times

Data Sharing Status = **YES**

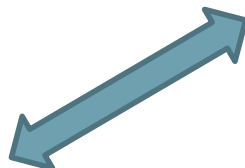
eVitals birth
information



school nurse
(read only)



pharmacy

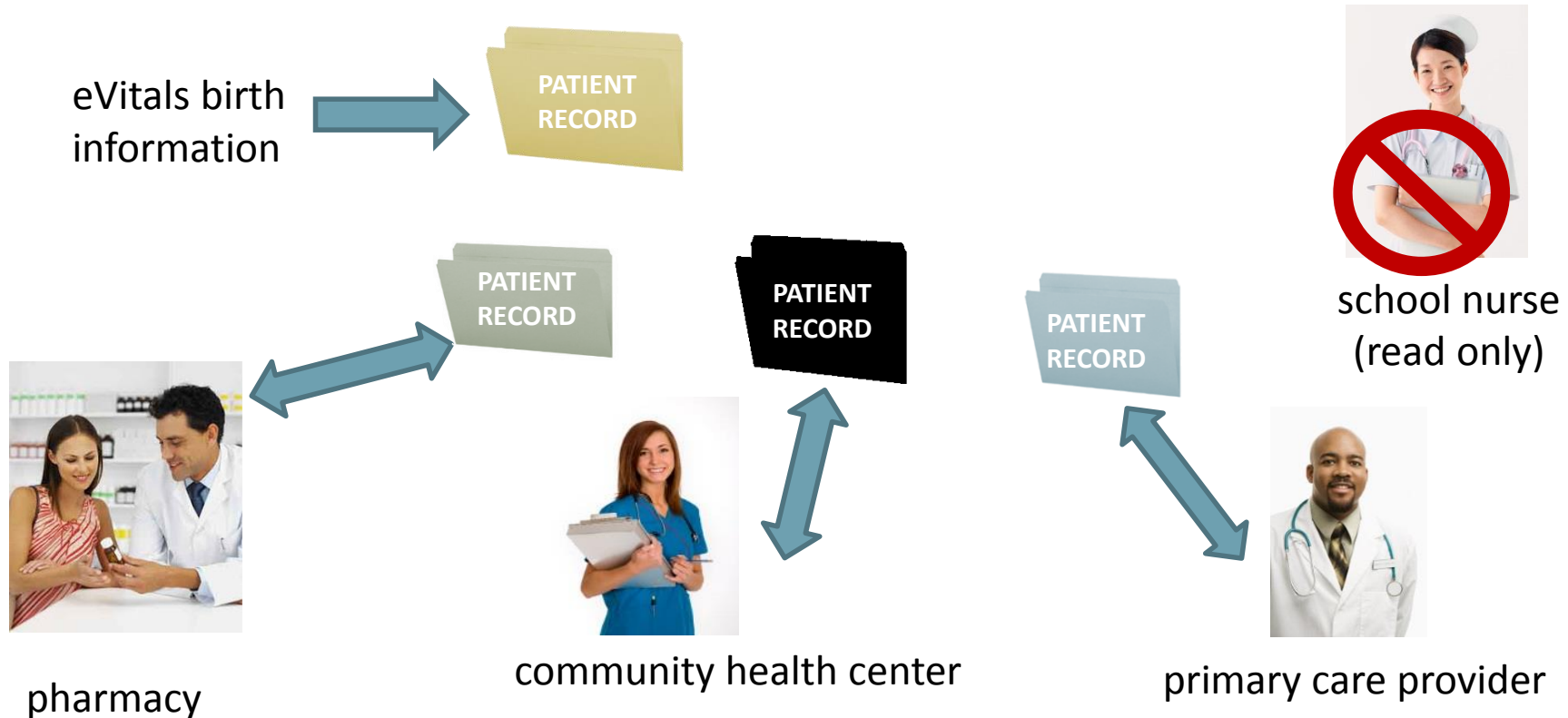


community health center



primary care provider

Data Sharing Status = **NO/Unknown**



Data Sharing Process

Complete objection/withdrawal form



Update data sharing status in MIIS



Fax completed form to MIIS Team



File completed form in patient record

Onboarding





Onboarding



Please select how your site intends to report data:

Electronic Data Exchange - your site intends to connect via an electronic medical record system.

Direct Data Entry - your site intends to manually enter immunization data through the web interface.

Electronic Data Exchange

Direct Data Entry



Onboarding with the MIIS can be broken down into 4 phases:



Below are the high-level steps for onboarding to submit immunization data to the MIIS. Please review our [Onboarding Document](#) for more information.



Phase 1. Preparation




-  [Complete Data Exchange Profile](#)
-  [PreTesting: HL7 Message Validation](#)
-  On-boarding Invite - Not Invited

Begin



Phase 2. MIIS On-Boarding Project: Certification



-  Technical Readiness
-  Clinical Readiness

Previous Phase Must be Completed



Phase 3. MIIS On-Boarding Project: Production





-  Data Review

Previous Phase Must be Completed



Phase 4. MIIS On-Boarding Project: Go Live



-  Implement Clinical Workflow
-  Quarterly Data Quality Review

Previous Phase Must be Completed

Phase 1 Preparation

- Registration
- Data Exchange Profile
- HL7 Message Pre-testing Validation
- MIIS Onboarding Invitation
- Onboarding Kick-off Call

Phase 2 Technical & Clinical Integration

- Technical
 - EHR to MIIS Certification Environment
 - Data Review in Certification Environment
- Clinical
 - MIIS Materials and Clinical Workflow
 - Staff Training and Vaccine Manager Education

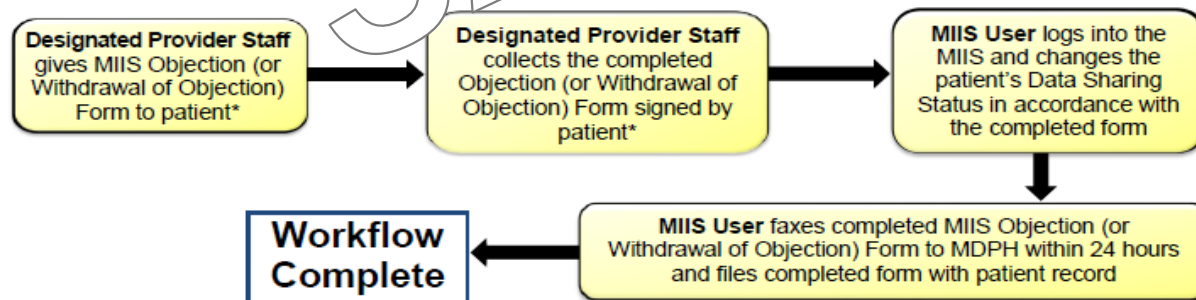
Connect to Cert. Environment

Cert. Data Review



Workflow**Go- Live Date:** **Site Name:** **Date Submitted:** **Clinical Champion:** **Email:** **Phone:** **Methods for Informing Patients* about MIIS (implement as many as possible)**

- ☐ Distribute MIIS Fact Sheet for Patients and Parents (i.e. include in registration packet, statement etc.)
- ☐ Add MIIS sample language to practice registration/HIPAA forms, use sample email/template letters
- ☐ Post MIIS Posters in Registration and Clinic areas (available in multiple languages)
- ☐ Other:

Objection/Withdrawal of Objection *Process upon patient* request only*[Click to Email MIIS](#)

or fax to 617-983-4301

*Parent or Guardian for patients less than 18 years

Introducing the
Massachusetts Immunization Information System

MIIS

Fact Sheet for Parents and Patients



The MIIS is a new statewide system to keep track of immunization records for you and your family. These records list the vaccinations (shots) you and your children get to protect against measles, chickenpox, tetanus, and other diseases. The goal is to make sure that everyone in Massachusetts is up-to-date with their shots and that your records are available when you need them – such as when your child enters school, when you need emergency medical help, or when you change healthcare providers.

What is the MIIS?

- A computerized system that collects and stores basic immunization information for people who live in Massachusetts.
- A secure and confidential system, as required by Massachusetts law.
- A system that is available for people of all ages, not just children.

How will it help me?

The MIIS:

- Helps you and your family get the best care wherever you go for your healthcare.
- Makes sure that you and your children don't miss any shots or get too many.
- Can print a record for you or your children when you need it – if you move, if your doctor retires, or when your child starts school or camp.

Why is this important?

As you know, the schedule of shots needed to keep healthy can be very complicated. The MIIS:

- Helps your healthcare provider keep track of which shots are due and when they should be given.
- Keeps all your immunization records together for you, your family, and your healthcare provider.
- Provides proof of vaccination for your children.
- Helps prevent outbreaks of disease like measles and the flu in your community.
- Keeps shot records safe during natural disasters such as flooding or hurricanes.



MIIS

Massachusetts Immunization Information System
Sistema de Información sobre Vacunación de Massachusetts



IMMUNIZATION REGISTRY NOTICE

You or your child's shot information is being entered into the Massachusetts Immunization Information System (MIIS), as required by law. The MIIS is a confidential, statewide immunization tracking system. You can choose to restrict who may see your or your child's shot information in the MIIS at any time. Please ask your healthcare provider for further information. Thank you.

AVISO SOBRE EL REGISTRO DE VACUNACIÓN

La información sobre sus vacunas o las de sus hijos está siendo almacenada, tal y como contempla la ley, en el Sistema de Información de Inmunización de Massachusetts (MIIS, por sus siglas en inglés). MIIS es un sistema confidencial que hace un seguimiento de los historiales de inmunización a nivel estatal. Usted tiene la opción de limitar quien tiene acceso a la información almacenada en MIIS sobre sus vacunas o las de sus hijos en cualquier momento. Consulte con su proveedor de salud si desea más información al respecto. Gracias.

Providers are required by law to report your immunizations to the MIIS (M.G.L. c. 111, Section 24M). For more information, please ask your healthcare provider, visit the MIIS website at www.mass.gov/dph/miis, or contact the Massachusetts Immunization Program directly at 617-983-6800 or 888-658-2850.

La ley exige a los proveedores de salud que reporten todas las inmunizaciones al MIIS (M.G.L. c. 111, Section 24M). Si desea más información, pídale a su proveedor de atención médica, visite nuestra página Web, www.mass.gov/dph/miis, o comuníquese directamente con el Programa de Vacunación de Massachusetts al número 617-983-6800 o al 888-658-2850.





ContactMIIS Resource Center

[Home](#)[User Management](#)[Data Exchange](#)[Materials](#)[Meaningful Use](#)[Training Center](#)[MIIS Help Desk](#)

Training Center

[Videos and Recorded Webinars](#)[Guides and Resources](#)[Training Calendar](#)

ContactMIIS Resource Training Center: www.contactmiis.info

Core MIIS Functions

Search for a patient record

De-duplicate patient records and shots

Look up an immunization forecast

Manage a patient's data sharing status

Run usage, coverage, and reminder/recall reports

Monitor data quality

Vaccine ordering and inventory management

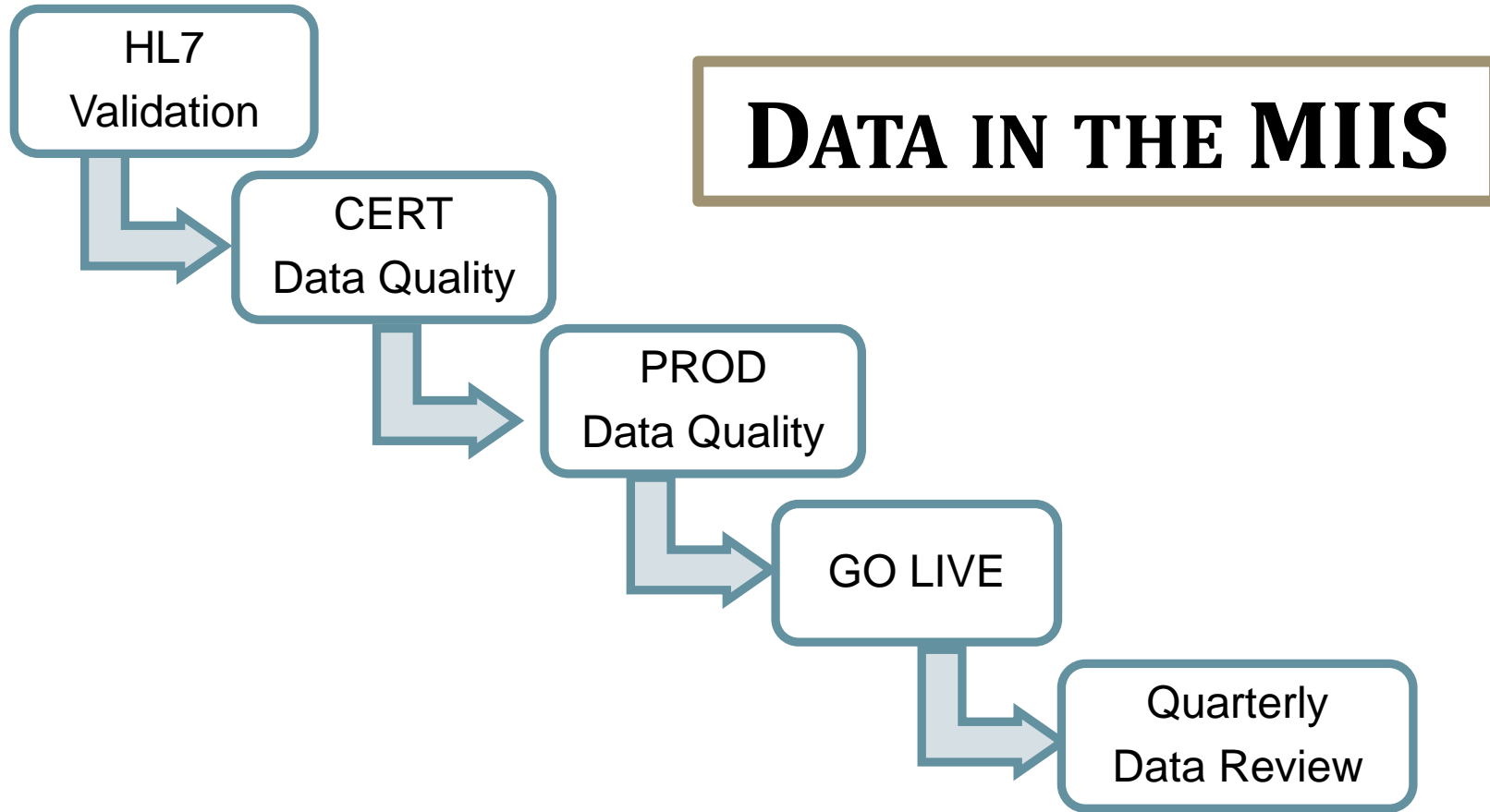
The logo consists of a blue circular icon with the letters 'DE' inside, and the word 'Onboarding' written vertically in blue text to its right.

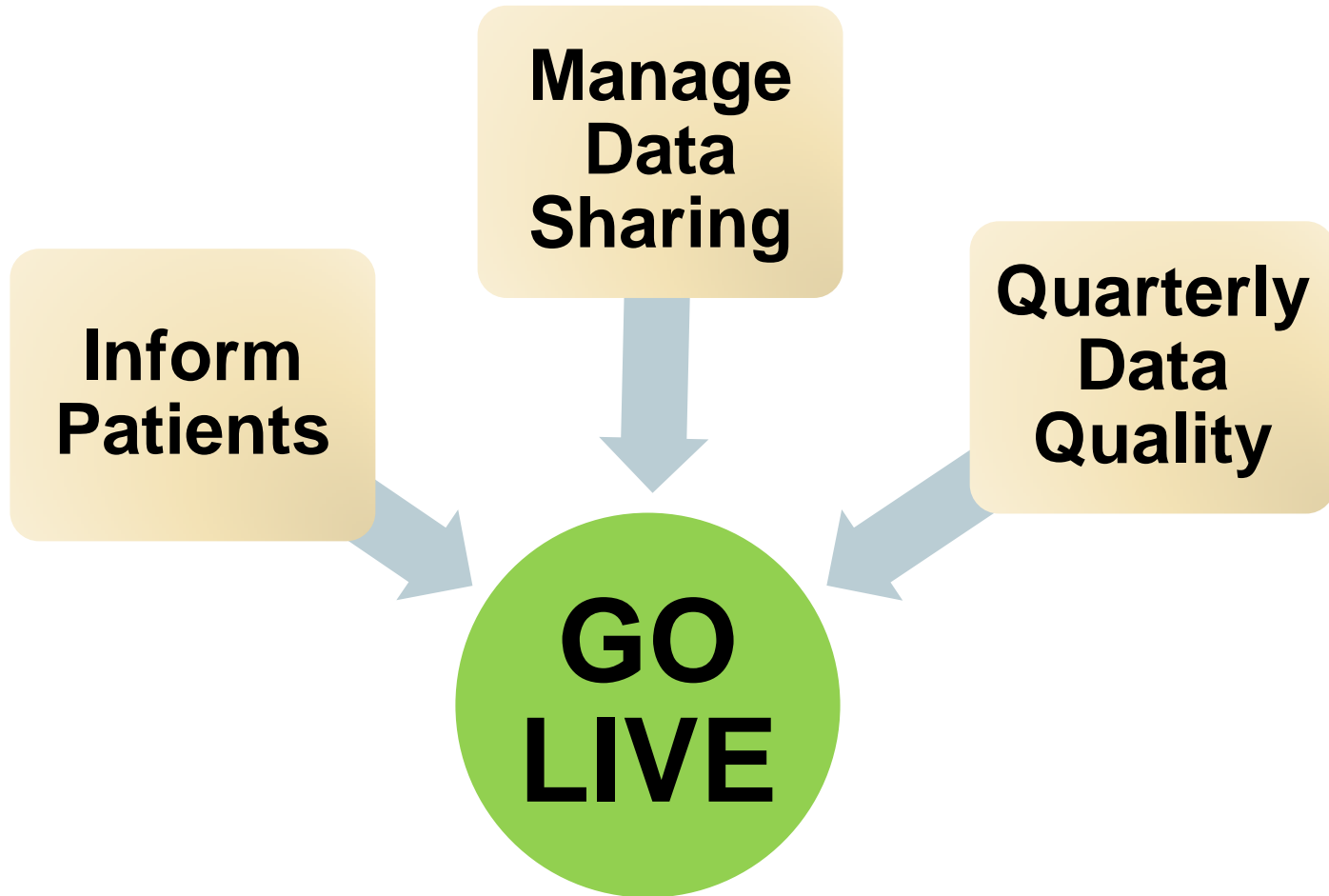
Phase 3 Data Review

- EHR to MIIS Production
- Data Review in Production

Phase 4 Go-Live

- Workflow Implementation
- Quarterly Data Quality Review
- On-going User Management





Next Steps – Onboarding

Complete Registration



Read through MIIS Onboarding Document



Begin Onboarding Phases (Data Exchange)



MIIS Declaration Of Readiness

The Massachusetts Department of Public Health (MDPH) has declared that the MIIS has the capacity to support immunizing providers in qualifying for Centers for Medicare and Medicaid's Electronic Health Record (EHR) Incentive Program to provide financial compensation for the "Meaningful Use" of certified EHR technology to achieve health and efficiency goals.



Meaningful Use

Stage 3

- The ability to respond to bidirectional queries (QBP/RSP)
- The capacity to receive NDC codes
- **Note:** an IIS may also opt to require CVX codes in parallel with NDC codes until full adoption of NDC codes has been completed

Providers using a LAND device are NOT eligible for MU Stage 3

CONTACT Us

MIIS Helpdesk

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