Disclosure

I, Brendan Gallagher, 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
- Data Sharing
- Onboarding
- Enhancements
- Training Updates
OVERVIEW OF THE MIIS

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

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

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
MIIS Progress Report - Data over time…

- **2011**
  - Total Sites: 9
  - Total Patients: 5,962
  - Total Shots: 73,245

- **2013**
  - Total Sites: 341
  - Total Patients: 1,539,629
  - Total Shots: 7,303,293

- **2015**
  - Total Sites: 1,121
  - Total Patients: 4,427,623
  - Total Shots: 33,334,571

- **2017**
  - Total Sites: 2,223
  - Total Patients: 6,241,144
  - Total Shots: 46,241,144

- **2019**
  - Total Sites: 2,580
  - Total Patients: 7,356,518
  - Total Shots: 60,083,720

MIIS Immunization Data by Provider Type

- **Internal Med PCPs**, **Hospitals**, **Multispecialties**, **CHCs**, **OB/GYNs**, etc.
- **Local Pharmacies**
- **BoH**, **VNAs**, **Senior Care Facilities**

E-Vitals Feed (Jan 2012)

School, SBHCs, College, etc.
MIIS LEGISLATION AND REGULATION

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
Data Sharing Fast Facts

- All administered immunizations are reported to the M1S.
- Patients do not opt in or out of the M1S.
- Providers have a duty to inform their patients about the M1S.
- Patients may limit who can see their immunization data in the M1S.
- Patients may object/withdraw a previous objection any number of times.

Data Sharing = YES

All have access to single record regardless if they have or have not reported immunizations for patient.
Data Sharing = NO or UNKNOWN

Providers who have reported shots can only review those shots.
Providers who have not reported any shots do not have access to record.

Internal Med PCP
School
Pediatric

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

Data Sharing in the MIIS

[MIIS Form Image]

MIAP Conference 2019
**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
Phase 3
Data Review
• EHR to MIIS Production
• Data Review in Production

Phase 4
Go-Live
• Workflow Implementation
• Quarterly Data Quality Review
• Ongoing User Management

Clinical Side
Data in the MIIS

Technical Side

ENHANCEMENTS

New Enhancements

➢ Clinical Roster Design
➢ Redesigned School Module
➢ Coverage Report to Assess 13 YO
➢ Data Quality Reports Updated
➢ Improved Patient and Shot Deduplication Performance
School Survey Enhancements

➢ New Wizard Design
➢ Auto Save
➢ Expanded Instructions for Each Vaccine
➢ Errors Displayed within Survey
➢ Notification of Completion

Future Enhancements

➢ Minor UI Update
➢ Modifications to Vaccine Orders
➢ Single Sign On for MIS and Resource Center
CONTACT US

MIIS Helpdesk
Phone (617) 983-4335
Fax (617) 983-4301
Email miishelpdesk@state.ma.us
Website www.contactmiis.info