



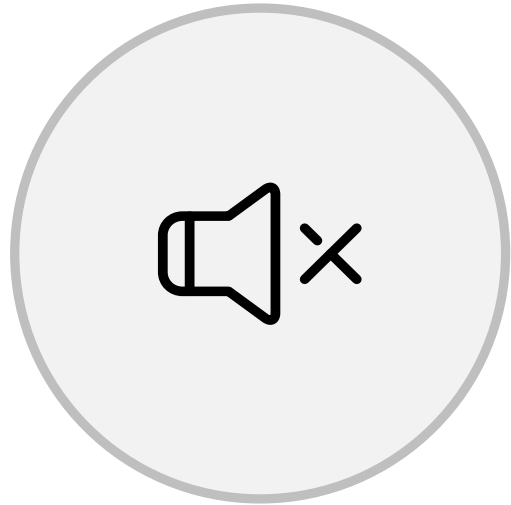
AIRA
AMERICAN IMMUNIZATION
REGISTRY ASSOCIATION

COVID-19 Vaccination Response Planning Webinar

Tuesday, October 27, 2020

3-4 PM ET

Before We Get Started



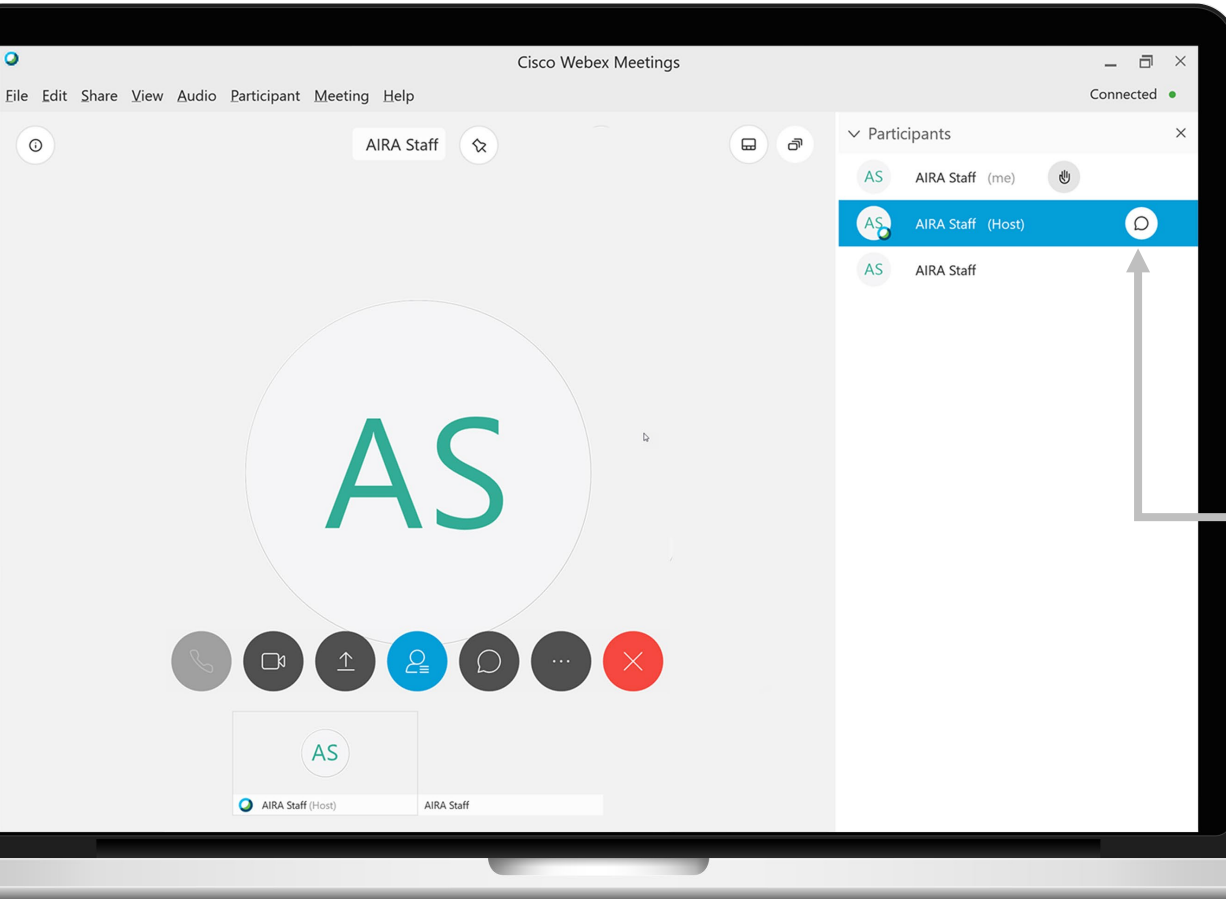
All phone lines
are muted



This meeting is not being
recorded

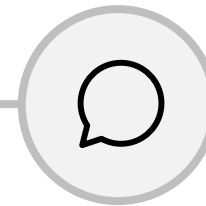


Question & Answer



How do I ask a question?

There will be time allotted for Q&A following the presentation.



If you think of a question during the presentations, select the chat icon next to the host and type question into the chat box.





Welcome

Rebecca Coyle, Executive Director



Today's Speakers

- **Mary Beth Kurilo**, AIRA
- **Miriam Muscoplat**, Minnesota
Department of Health
- **Mary Woinarowicz**, North Dakota
Department of Health



Press *6 to unmute your line





Mary Beth Kurilo

AIRA



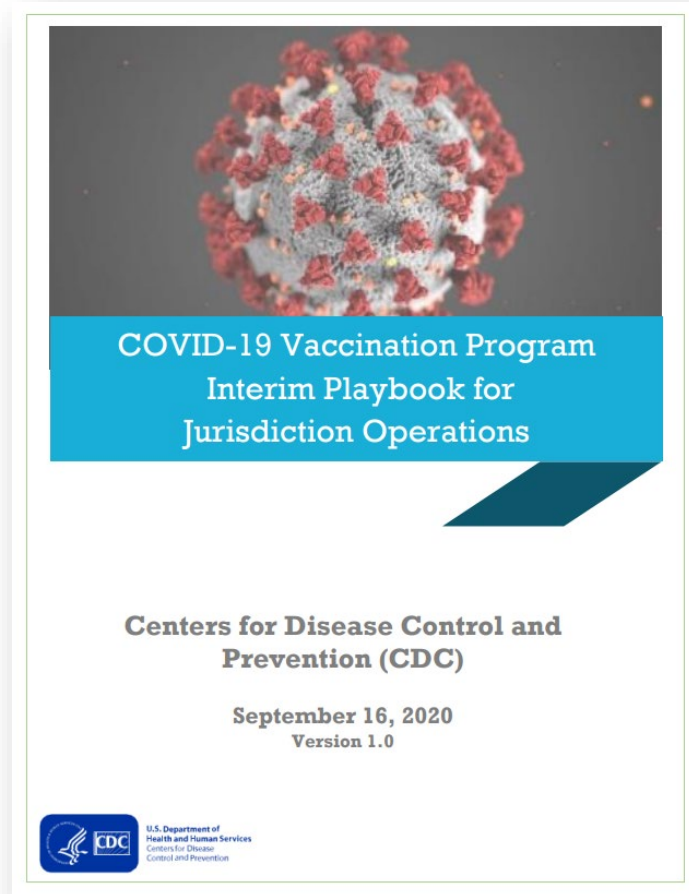
*"...As we know, there are **known knowns**; there are things we know we know. We also know there are **known unknowns**; that is to say we know there are some things we do not know. But there are also **unknown unknowns**—the ones we don't know we don't know."*

- US Secretary of Defense Donald Rumsfeld
February 12, 2002



COVID-19 Interim Playbook

- Released on September 16
- Jurisdictional plans were due October 16
- 29 jurisdictions have already posted their plans publicly
 - Several more have published related articles and executive summaries
 - Collected links to the publicly available plans will be posted on AIM's website and AIRA's repository
 - <https://repository.immregistries.org/resource/foundational-materials-for-the-covid-19-vaccine-response/>



Application and Platform Vocabulary

(Many of these are in development)

VAMS	IZ Gateway	COVID-19 Clearinghouse	Immunization (IZ) Data Lake	VaccineFinder	HHS Tiberius
<ul style="list-style-type: none">• CDC-provided and supported web-based application that provides an option for a jurisdiction to plan and execute COVID-19 vaccine administration in a mass vaccination setting.	<ul style="list-style-type: none">• A cloud-hosted message routing service offered by the Association for Public Health Laboratories (APHL) that is intended to enable data exchange across IISs, other provider systems, the COVID-19 Clearinghouse, and the IZ Data Lake.	<ul style="list-style-type: none">• A cloud-hosted data repository provided and managed by HHS that, as a functional tool, provides a secure space for a jurisdiction to upload and store COVID-19 vaccination data collected from provider organizations via electronic health records (EHRs) and from pharmacy systems.	<ul style="list-style-type: none">• A CDC secure, cloud-hosted data repository created to receive and store redacted COVID-19 vaccination data for doses administered, coverage, inventory, and distribution.	<ul style="list-style-type: none">• A website to help people find providers who offer specific vaccines. The site will serve two roles: 1) Inventory Reporting - Providers will report on-hand COVID-19 vaccine daily, and 2) Increase Access to COVID-19 vaccine: Providers may choose to make their location visible.	<ul style="list-style-type: none">• A COVID-19 vaccine distribution planning, tracking, modeling, and analysis ecosystem that integrates data sources from federal agencies, state and local partners, private sector partners, and open data partners.

Also present – IIS, VTrckS, Provider Management/Onboarding, Other Mass Vaccination (e.g., PrepMod), EHRs, Pharmacy Systems, etc.

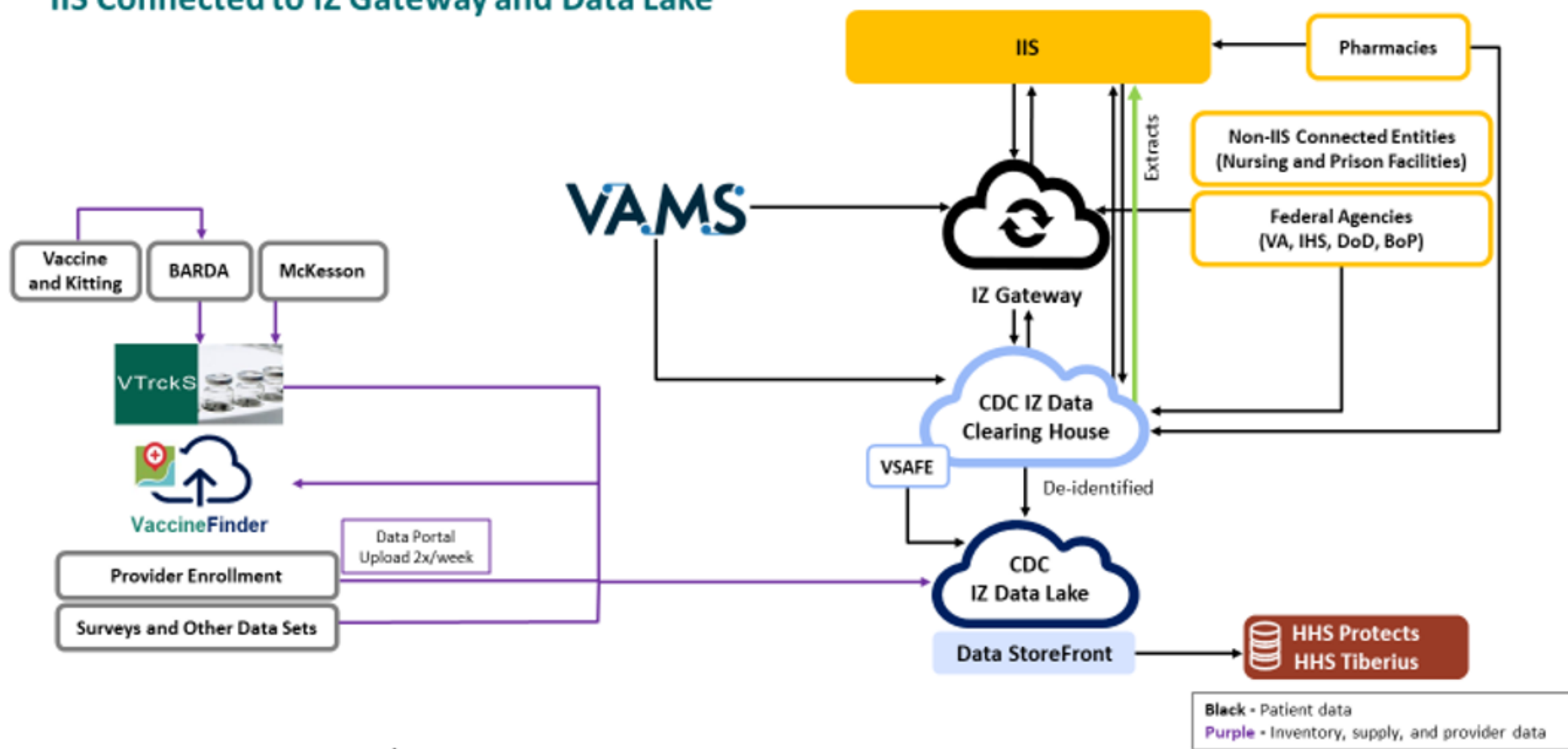


Appendix B: Vaccine Administration Data Workflow

Note: This has been published as the "Primary Path", but is not necessarily the Day 1 data flow

Primary Path:

IIS Connected to IZ Gateway and Data Lake



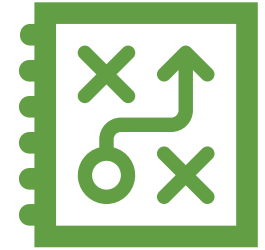
More Things We Know: Day 1



- Day 1 is anticipated to be November 25
 - This is the soonest IIS/Imm Programs could potentially have access to and/or receive reports of COVID vaccine
 - In this first phase, IIS are expected to:
 - Report enrolled COVID providers twice a week
 - Many jurisdictions are already testing this process
 - Report de-identified data to CDC for all administered doses daily
 - Jurisdictions should be working on creating their extracts now
 - Note: CVX/NDC codes for COVID are not yet available, so testing will likely include alternate antigens



High-Level Reporting Update



- Data Dictionary of Elements were re-ordered and expanded into a Tab Delimited Specification
 - Available in SharePoint, link in CDC Info Brief on Friday, 10/9/2020
 - Provides more details on how to format, when to send, what to extract, etc.
- A secondary effort is underway to potentially allow reporting via HL7 leveraging the IZ Gateway
 - Initial work is looking at expanding the VXU to include additional data elements



Tab Delimited Specification



- Officially known as the COVID Vaccination Reporting Specification (CVRS)
- Similar technically to the CC2/CC4 extract, but with new fields:
 - For example, race expanded to support multiple races
 - PPRL* Generated ID for future use
- One specification will be used for de-identified to fully identified data
- Supports sending Vaccination Events, Refusals, and Missed Appointments
 - Only Vaccination Events are required

* Privacy Preserving Record Linkage



CDC Data Use Agreement



- CDC Data Use Agreement Available in SharePoint, link in CDC Info Brief on Friday, 10/23/2020
- Expected to be signed by November 1
- Single agreement covers submission of both de-identified and identified data elements
 - More to be shared on IISSB Office Hours, Thursday at 2 PM ET
 - If you need dial-in/log-in information, email iisinfo@cdc.gov



What Is Still Emerging? A Lot...



For example...

- IIS have been referred to as the “source of record” for the COVID response
- To this end, it is critical that data for all doses given in a jurisdiction make it back into the jurisdiction’s IIS
 - E.g., VAMS data, Federal Provider Data
- CDC and partners are working on how IIS will “pull down” data from the Clearinghouse for import into the IIS



Technical Assistance for Extracts and More



Through a contract with CDC, Audacious Inquiry (Ai) and AIRA will support IIS and their vendors in creating and sharing COVID-19 data extracts per defined requirements (as well as in other areas). These teams will be reaching out to IIS vendors and jurisdictions to determine how to best accelerate this short-term data reporting requirement for COVID-19.

If you have concerns or questions, please contact:

- Kelly Carulli at Ai (kcarulli@ainq.com)
- Mary Beth Kurilo at AIRA (mbkurilo@immregistries.org)

For further AIRA TA, email info@immregistries.org, or fill out a request form on AIRA's Website: www.immregistries.org/technical-assistance





Miriam Muscoplat

Minnesota Department of Health





COVID-19 IIS Planning in Minnesota

Miriam Muscoplat, MPH

MIIC Manager, MIIC Operations Supervisor

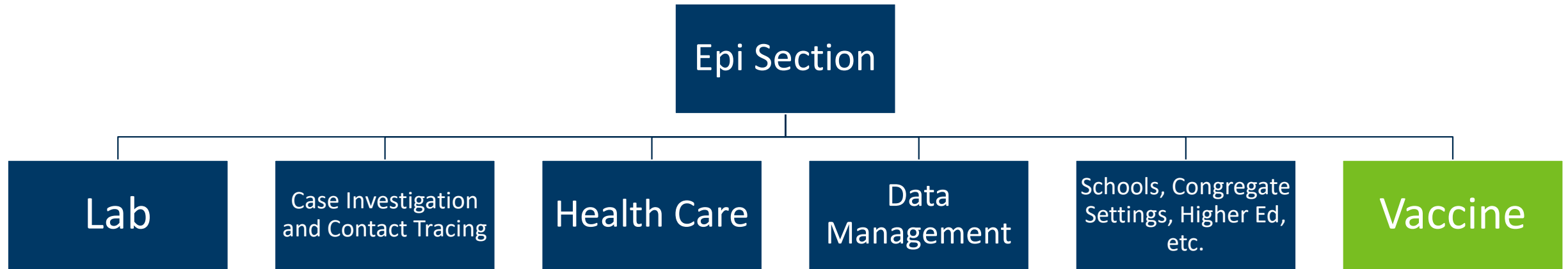
PROTECTING, MAINTAINING AND IMPROVING THE HEALTH OF ALL MINNESOTANS

COVID-19 IIS Planning in Minnesota

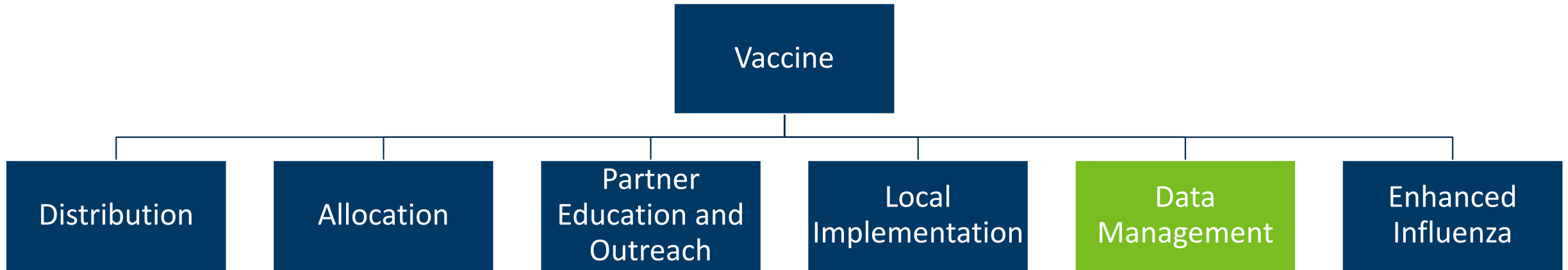
- Planning and Workgroups
- Technical Enhancements
- Outreach
- Operations

Planning and Workgroups

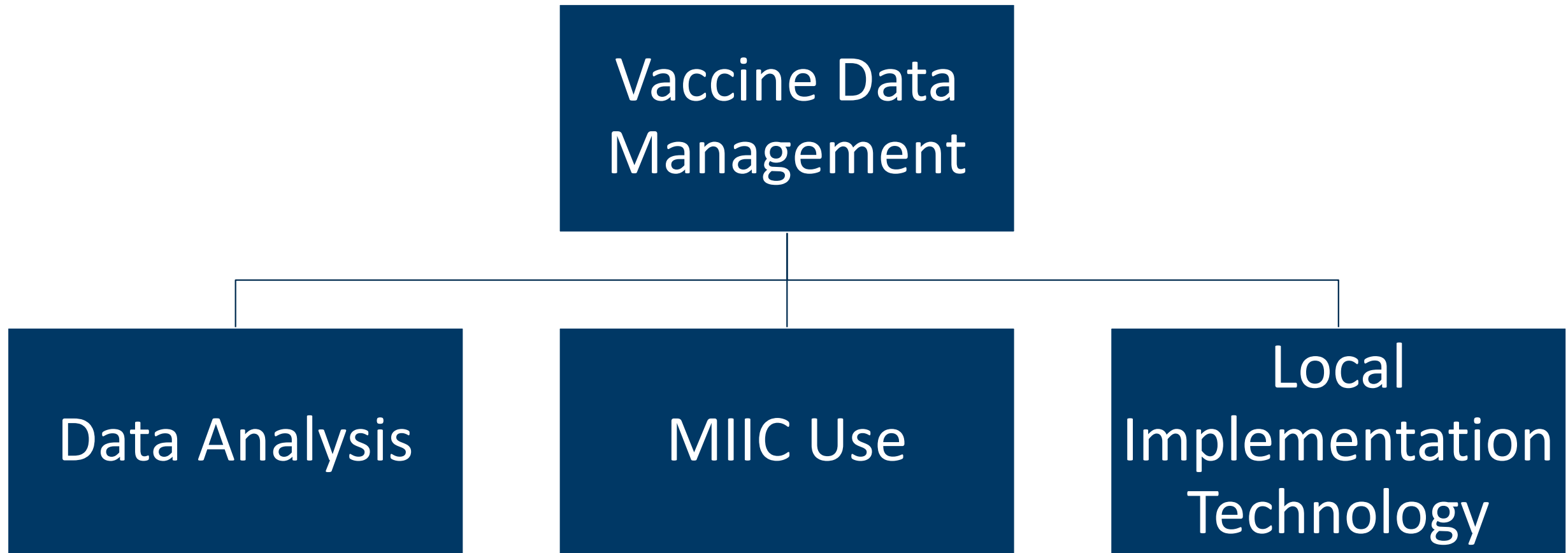
ICS Epi Section



Vaccine Branch



Vaccine Data Management Unit



Data Analysis Workgroup

MIIC Data Quality

- COVID Vaccine Data Quality Plan
 - Monitor incoming data
 - Pendings/Merges
 - Ongoing review of data at rest
- Communications
 - Expectations
 - Data quality issues

Data Sharing

- Audience
 - Internal
 - External
- Data
 - Allocation and distribution
 - Administration
 - Provider registration

Data Policy

- Review and modify policy/privacy documents
- CDC, IZ Gateway and other data use agreements

Data Reporting

- Reporting to CDC
- Data flows between MIIC, VTrckS, Data Lake, and Data Clearinghouse

MIIC Use Workgroup

Provider Outreach/Training

- Assess current MIIC
- Promote preferred methods of reporting quality data to MIIC
- Identify, prioritize, and recruit groups not actively using MIIC
- Training
 - Identify training needs
 - Improve MIIC training resources
 - Host training sessions

MIIC Enhancements

- Design, plan, test, implement technical changes to application

Interoperability

- IZ Gateway
- Ensure provider organizations are sending appropriate combinations of CVX/CPT/NDC codes

Operations

- MIIC Help Desk
- Record requests
- Overall customer service

Local Implementation Technology Workgroup

- Explore and identify technical solutions to assist local public health with their COVID-19 vaccine response (scheduling, vaccine administration documentation and data exchange with MIIC).
- Provide assistance to local public health in identifying technical solution(s) that meets their needs to vaccinate safely and report COVID-19 vaccine administration data to MIIC within 24 of administration.

MIIC Enhancements

- Infrastructure Changes
- Ordering, Pre-book, Distribution
- Reminder/Recall
- Data Exchange
- User Experience

MIIC Outreach and Training

- Assess current MIIC use
- Promote preferred methods of reporting quality data to MIIC
- Identify, prioritize, and recruit groups not actively using MIIC
- Training
 - Identify training needs
 - Improve MIIC training resources
 - Host training sessions

MIIC Operations

- Reviewing existing processes to improve efficiency
- Increasing resources available for customer service
- Cross-training SMEs
- Business continuity planning



Miriam.Muscoplat@state.mn.us



Mary Woinarowicz

North Dakota Department of Health

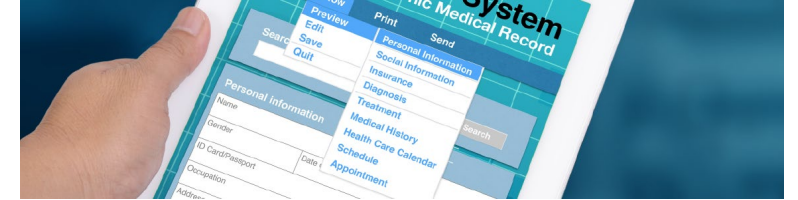




North Dakota IIS COVID-19 Vaccine Response Planning

Mary Woinarowicz, MA

NDIIS Background



- Established in 1988
- Current web-based system developed in 1996
- Grantee-developed system
- Hosted and supported by Blue Cross and Blue Shield of North Dakota (BCBSND)

- Lifespan system
 - 100% of adults in NDIIS
- Mandatory reporting requirement for kids 18 and younger
- 99% of doses entered within 30 days
- 91% entered within 1 day

- 425 individual provider sites submitting data via HL7
- 74% connected through statewide HIE
- 100% submitting data real-time
- 78% fully bi-directional
- 80% of data comes in electronically

CURRENT IIS COVID VACCINE RESPONSE PLAN

- ✓ Direct User Access
- ✓ Vaccine Ordering Module – User Access
- ✓ Pandemic Vaccine Ordering
- ✓ Centralized Vaccine Distribution
- ✓ Vaccine Wastage and Returns
- ✓ Vaccine Administration
- ✓ Reports



NDIIS DIRECT USER ACCESS

- What we have in place

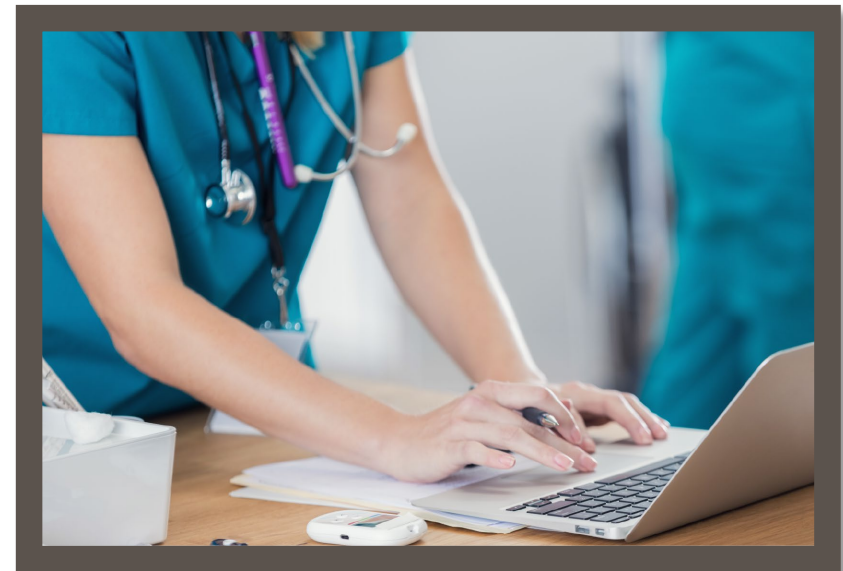
- Support Team Resources
- Provider Site Agreements
- User Setup Process

- What we are working on

- Provider Outreach
- Training Materials

- What we need

- Nothing identified at this time



VACCINE ORDERING

■ What we have in place

- Who has access to the ordering module
- How is access managed
- Management of NDC records for ordering
- Vaccine allocation ordering
 - Phase 1 – very limited vaccine quantities
 - Phase 2 – limited quantities but sending to facilities for more than one priority group
 - Phase 3 – vaccine supply meets or exceeds demand
- Doses administered tracking

■ What we are working on

- Enrollment for COVID vaccine
- Updating provider ordering information
 - Add Saturday and Sunday business hours
- Vaccine locator
 - North Dakota map of providers with vaccine supply on hand
 - Will only be used when vaccine is widely available

■ What we need

- Providers to complete enrollment
- NDC and CVX codes



CENTRALIZED VACCINE DISTRIBUTION

- What we have in place

- Vaccine inventory transfers
- Access to inventory transfer data
- Packing slips

- What we are working on

- Email notifications when vaccine is sent

- What we need

- Continuing to work with Emergency Preparedness warehouse on logistics and needs



VACCINE WASTAGE AND RETURNS

- What we have in place

- Vaccine ExIS returns module
- Vaccine ExIS wastages module
- Returns and wastages monitoring report

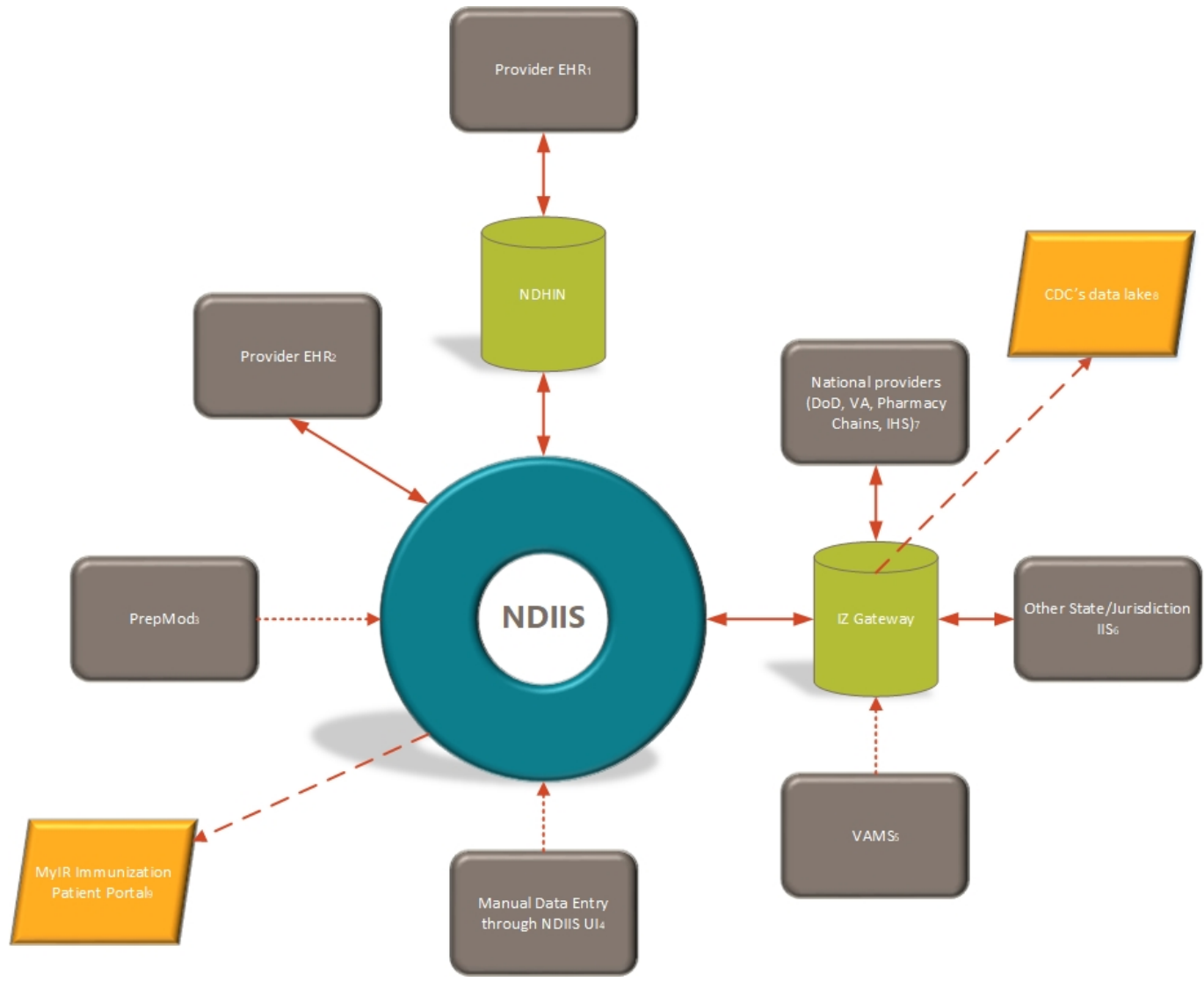
- What we are working on

- No changes needed at this time

- What we need

- CDC has not yet provided guidance on how vaccine returns and wastages will be handled.





VACCINE ADMINISTRATION

VACCINE ADMINISTRATION

■ What we have in place

- Capture priority group
- Capture vaccine antigen and adjuvant
- Capture 12/31/9999 expiration date
- Connected to disease surveillance system
- Connection to IZ Gateway
- Paper vaccine administration record

■ What we are working on

- CDSi upgrade
- Changes to capture of lot number
- Addition of missing IIS core data elements
- Additional HL7 connections
- Updates/upgrades to messaging engine

■ What we need

- NDC and CVX codes
- HL7 guidance for messaging priority groups



REPORTS

■ What we have in place

- Pandemic reports
 - Pandemic Doses Administered Report
 - Pandemic Inventory Report
 - Pandemic Recall Report
 - Incomplete Doses Report
- Centralized reminder/recall functionality

■ What we are working on

- Training materials
- Adding capture of text reminder opt-in

■ What we need

- CVX codes to map to reports and reminder/recall functionality



GAPS

- The NDIIS can capture priority group with each administered dose, however we can't know how many of our data trading partners can/will be able to capture and send this information.
- Very few long-term care facilities currently report to the NDIIS.
- The NDIIS captures vaccine exemptions for history of disease, medical, religious, and personal belief reasons. This information can be sent via HL7 none of our current trading partners currently send it.

TRACKING WORK IN PROGRESS

- Developed a responsibilities matrix for all work in progress

Activity	Description	Responsible Entity	Estimated Completion Date
NDIIS provider outreach	Review and update of NDIIS Provider Site Agreements for active NDIIS provider sites.	NDIIS Coordinator, NDIIS Data Quality Coordinator	On-going
NDIIS user registration	Development of a new NDIIS user registration page that will no longer have any connection to THOR.	BCBSND	COMPLETE – 10/9/2020
NDIIS user training materials	NDIIS staff are updating existing NDIIS training materials and are creating new training tip sheets and videos to make sure all NDIIS functionality is covered	NDIIS Coordinator, NDIIS Data Quality Coordinator	On-going
Provider enrollment survey	Providers will need to complete the enrollment survey in order to receive COVID vaccine.	VFC/QI Manager	COMPLETE – 10/2/2020
Provider vaccine ordering information	All providers enrolled to receive COVID vaccine will need their information entered in the NDIIS vaccine ordering module.	Immunization Program	On-going based on enrollment
Provider vaccine ordering access	Providers enrolled to receive COVID vaccine will need their NDIIS access updated to include the vaccine ordering module.	NDIIS Manager, BCBSND	On-going based on enrollment
Provider office hours update	Changes to the NDIIS vaccine ordering module to set office hours for Saturday and Sunday	NDIIS Manager, BCBSND	COMPLETE – 10/1/2020
Vaccine Locator	Template for an interactive map of counties and individual providers with COVID vaccine available.	NDIIS Manager	October 31, 2020

IIS INFORMATION IN MASS VACCINATION PLAN

- NDIIS plan is referenced throughout the North Dakota mass vaccination plan and can be viewed in its entirety in the appendices
- NDIIS data and data submission capabilities were evaluated as part of the mass vaccination plan



THANK YOU



North Dakota COVID-19 Vaccination Plan can be found on our website at: <https://www.health.nd.gov/covid-19-vaccine-information>

Mary Woinarowicz: mary.woinarowicz@nd.gov



Questions?

- Join us on Mentimeter!
www.menti.com
- Use the code: **46 04 241**
- Submit your questions
- Scroll and vote (👍) for the questions you want answered
- Or you can still click the chat icon (💬) to submit a question in WebEx



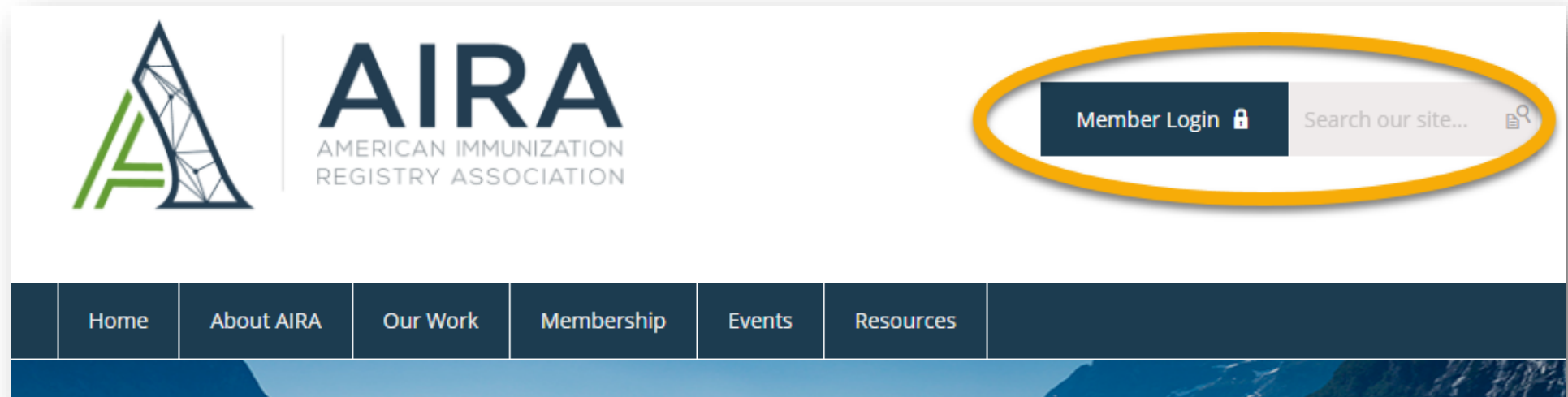
AIRA Forums Reminder

- To facilitate collaboration among awardees on COVID-19 vaccination planning efforts, AIRA has created two community forums. One forum is intended to enable you to **share** draft vaccination plans or pieces of your plans with one another. The other is to engage in **discussions** with your colleagues about your plan/response planning.
- Forums are only accessible to IIS managers and staff, Immunization Program managers and staff, and IIS Implementers. If you need help with the forums or have questions, contact Carmela Gupta at cgupta@immregistries.org.



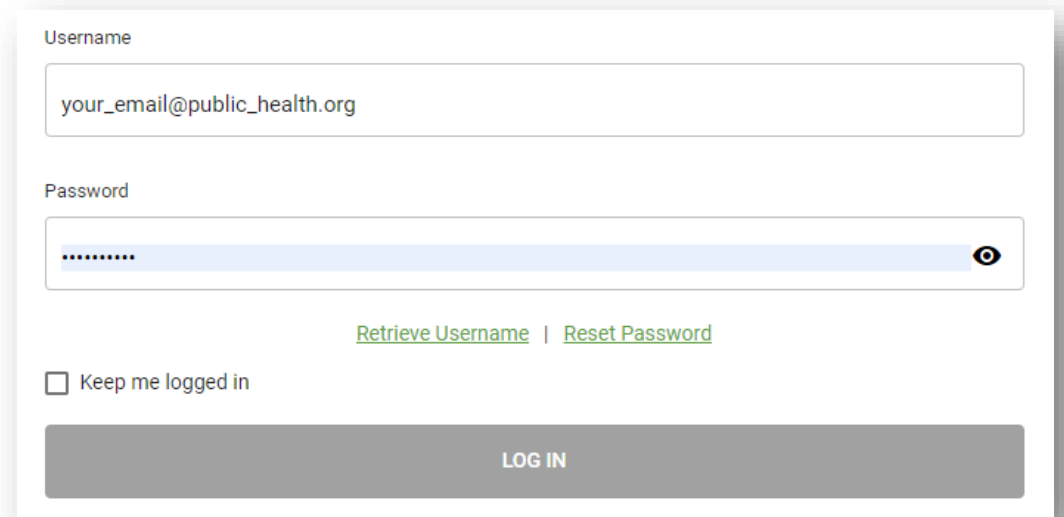
Accessing the AIRA Forums

1. Visit AIRA's website (www.immregistries.org)



Accessing the AIRA Forums

2. Login using your AIRA membership username and password
 - Your username should be your email address
 - If you need to reset your password, click on the Reset Password link



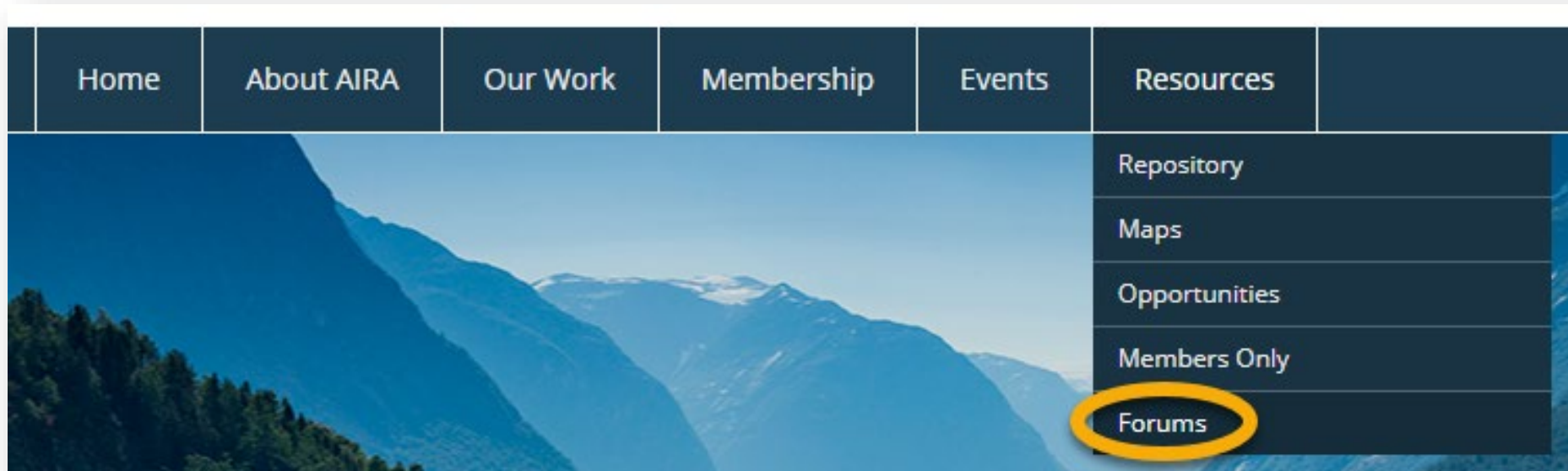
The screenshot shows a login form with the following elements:

- Username:** A text input field containing the placeholder text "your_email@public_health.org".
- Password:** A password input field with a blue highlight and a toggle icon (an eye) on the right side.
- Links:** Two green links, "[Retrieve Username](#)" and "[Reset Password](#)", are positioned below the password field.
- Remember Me:** A checkbox labeled "Keep me logged in" is located below the links.
- Submit:** A large grey button labeled "LOG IN" is at the bottom of the form.



Accessing the AIRA Forums

3. Select Forums from the Resources dropdown menu



Thank You!

Please send additional questions to info@immregistries.org

