Infection Prevention and Control Updates and Q&A Webinars for Long-Term Care and Congregate Residential Settings

March 8th, 2024

Housekeeping

- All attendees in listen-only mode
- Submit questions via Q&A pod to **All Panelists**
- Slides and recording will be made available later
- For continuing education credit, complete evaluation survey upon end of webinar
  - Must be registered individually to receive credit

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Agenda

- Upcoming Webinars
- Changes to CDC's Respiratory Virus Guidance
- Extensively Drug-Resistant Organisms (XDRO) Registry
- Open Q & A

Slides and recording will be made available after the session.

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Upcoming Infection Prevention and Control Q&A

1:00 pm - 2:00 pm

Date	Infection Control Topic	Registration Link
Friday, March 22nd	Outbreak	https://illinois.webex.com/weblink/register/r480c00e92e9f64c1d2353511a025e5bc
Friday, April 12th	UTI	https://illinois.webex.com/weblink/register/ra0785b4cb7cd573f2c99b56ea60ac805
Friday, April 26th	Water management	https://illinois.webex.com/weblink/register/r48bcffe10d541a98e5414dce2e14d76e

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Changes to CDC's Respiratory Virus Guidance

Community-Based Respiratory Virus Guidance

- Updated guidance is for **COMMUNITY-based** setting ONLY.
- It does **NOT apply to healthcare settings**
- Healthcare guidance is UNCHANGED and not expected to change in the near future

Healthcare guidelines	Updated community-based respiratory guidance in NON-healthcare settings of:
Skilled nursing facilities (SNF) Acute care hospitals (ACH) Long-term acute care hospitals (LTACH) Critical access hospitals (CAH)	Assisted living (AL) Supportive living facilities (SLF) Sheltered care Specialized mental health rehabilijtation facilities (SMHRF) Group homes

Community-based Respiratory Virus Guidance

- Updated guidance applies for facilities which provide **non-skilled personal care** (AL, SLF, SMHRF, etc) in NON-HEALTHCARE areas

- **Healthcare personnel** providing health care to one or more residents in a non-skilled facility should follow **CDC healthcare guidance.**
  - For example: physical therapy, wound care, IV injections, catheter care, hospice care

People 65+ should now receive an additional dose of the updated 2023-2024 COVID-19 vaccine

- Older adults are at increased risk of severe illness, hospitalization, and death if they get COVID
- ACIP recommends a second dose this season for additional protection
- Additional dose should be >4 months from initial updated dose

Older Adults Now Able to Receive Additional Dose of Updated COVID-19 Vaccine | CDC Online Newsroom | CDC

Extensively Drug-Resistant Organisms (XDRO) Registry

Mai Vue, MPH

Healthcare-Associated Infections/Antimicrobial Resistance (HAI/AR) Program

Objectives

- Explain Illinois XDRO reporting requirements
  - Upcoming CD Rule changes
- Demonstrate use of XDRO Registry

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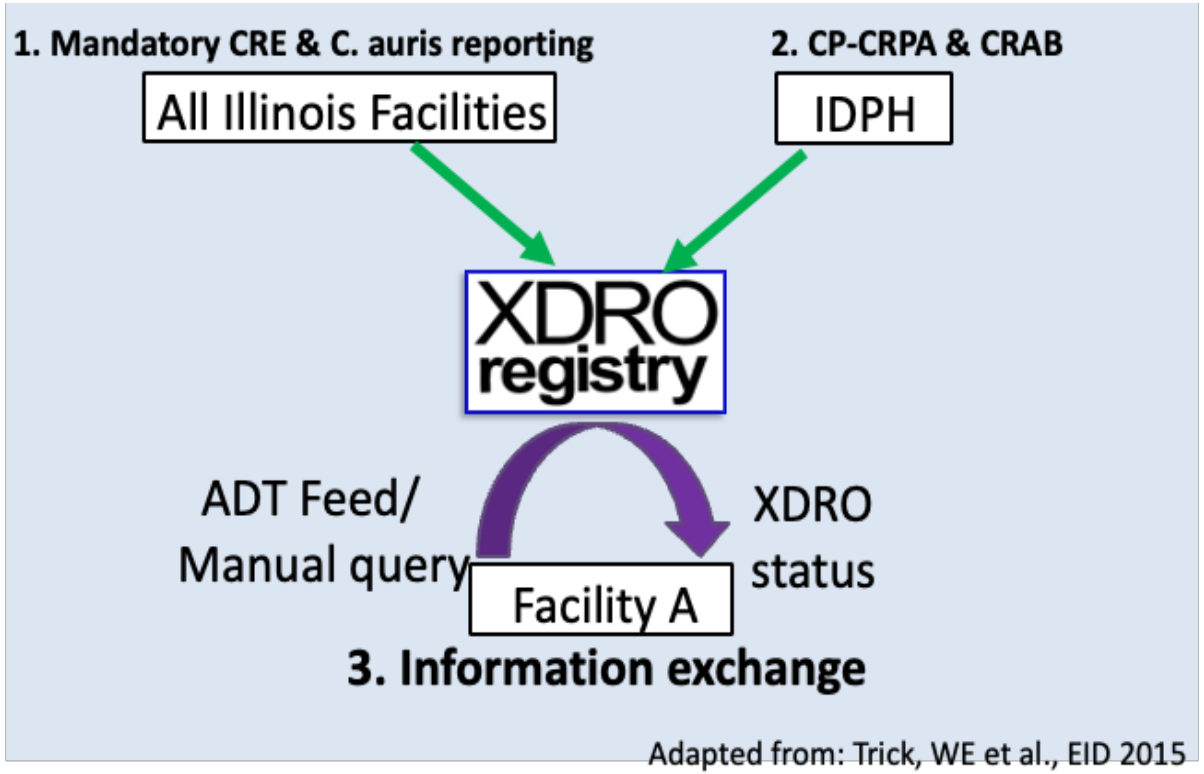
Extensively Drug-Resistant Organism (XDRO) Registry

Two main purposes:

- **Surveillance**: Facilities, labs, and IDPH report XDROs into registry

- **Information Exchange:** Per new administrative code changes, certain facilities will be required to query or receive auto alerts
  - Acute care and critical access hospitals,
  - Long-term acute care hospitals
  - Skilled nursing and intermediate care facilities
  - Dialysis facilities



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77 IL Admin Code 690.1500 - New requirement to query XDRO Registry or get auto alerts

b) The Department requires the following health care facilities to query or implement alert notification with the XDRO Registry in order to identify new admissions with XDROs:

1) Hospitals;

2) Long-term acute care hospitals; and

3) Skilled nursing and intermediate care facilities

4) Dialysis centers

https://www.ilga.gov/commission/jcar/admincode/077/07700690sections.html.

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77 IL Admin Code 690.540 - Section for Targeted MDROs

- Allows IDPH to make CRE, C. auris, CRAB, CP-CRPA, and any other emerging XDRO reportable
- Reporting time frame updated from 7 days to 3 days

139	690.540	Multi-drug Resistant Organisms Considered to be of Epidemiologic Importance
140		Due to Either Severity of Clinical Disease, Potential for Transmission of Genetic
141		Elements, or Opportunities for Effective Control Efforts (Reportable by
142		telephone, facsimile, or electronically as soon as possible, within three days)

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XDRO Reporting Requirements in Illinois

Disease	Mandatory Reportable?	How?
Carbapenem-resistant Enterobacterales (CRE)*	**Yes**, since 2013. 77 IL Adm Code 690.1500-1540 77 IL Adm Code 690.540	Labs/facilities report directly to XDRO registry. LTCFs may arrange to have their labs report on their behalf.
Candida auris (C. auris)		
Carbapenemase-producing *Pseudomonas aeruginosa (CP-CRPA)*		
Carbapenem-resistant *Acinetobacter baumannii (CRAB)*		

*Reportable within 3 days under new Admin Code.

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Illinois CRE Surveillance Definition

Enterobacterales with one of the following test results:

1. Molecular test (e.g., PCR) specific for carbapenemase

OR

2. Phenotypic test (e.g., modified Carbapenem Inactivation Method, mCIM) specific for carbapenemase production

OR

3. For ***E. coli* and *Klebsiella*** species only (excluding *K. aerogenes*) : non-susceptible to ONE of the carbapenems (doripenem, meropenem, or imipenem) AND resistant to ALL third generation cephalosporins tested (ceftriaxone, cefotaxime, and ceftazidime).

Report 1st CRE event per patient per encounter

If a case of CRE meets this definition, you are required to submit to the XDRO Registry within 3 days of receiving the report.

(Note: With adoption of new CD rules, timeframe has changed from 7 to 3 days.)

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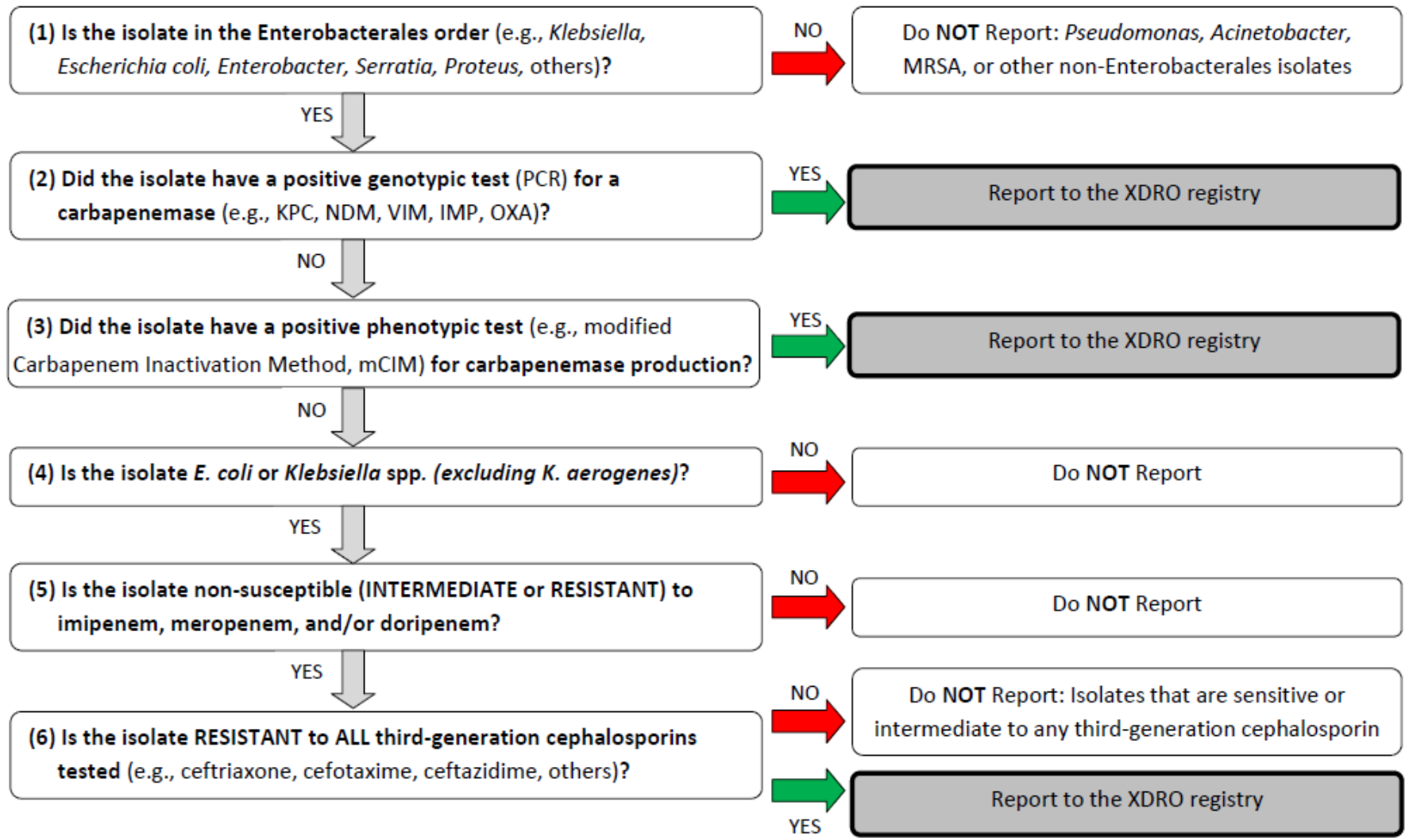
Report Carbapenem-Resistant Enterobacterales (CRE) isolates to the XDRO registry



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XDRO Reporting Requirements in Illinois

Disease	Mandatory Reportable?	How?
Carbapenem-resistant Enterobacterales (CREs)	**Yes**, since 2013. 77 IL Adm Code 690.1500-1540 77 IL Adm Code 690.540	Labs/facilities report directly to XDRO registry. LTCFs may arrange to have their labs report on their behalf.
Candida auris *(C. auris)*	**Yes**, since 2016. 77 IL Adm Code 690.295, 'Unusual Case…' - previous 77 IL Adm Code 690.540	Labs/facilities report to INEDSS & IDPH enters into XDRO. IDPH is working on INEDSS to XDRO data flow & will also open up XDRO to allow manual C. auris reporting if a lab cannot submit via ELR to INEDSS
Carbapenemase-producing *Pseudomonas aeruginosa (CP-CRPA)*		
Carbapenem-resistant *Acinetobacter baumannii (CRAB)*		

Illinois C. *auris* Surveillance Definition

- **Confirmed case:** Person with confirmatory laboratory evidence of *C. auris* using either culture or a validated culture-independent test (e.g., Nucleic Acid Amplification Test [NAAT])

If a case meets this definition, you are required to submit to the XDRO Registry within 3 days of receiving the report.

https://cdn.ymaws.com/www.cste.org/resource/resmgr/ps/ps2022/22-ID-05_C_auris.pdf

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XDRO Reporting Requirements in Illinois

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Carbapenem-resistant Enterobacterales (CREs)	**Yes**, since 2013. 77 IL Adm Code 690.1500-1540 77 IL Adm Code 690.540	Labs/facilities report directly to XDRO registry. LTCFs may arrange to have their labs report on their behalf.
Candida auris (C. auris)	**Yes**, since 2016. 77 IL Adm Code 690.295, 'Unusual Case…'* 77 IL Adm Code 690.540	Labs/facilities report to INEDSS. IDPH enters into XDRO registry.
Carbapenemase-producing *Pseudomonas aeruginosa (CP-CRPA)*	**No**.* Most often identified through point prevalence screening (PPS).	Facility/LHD notifies IDPH, IDPH enters into XDRO registry.
Carbapenem-resistant *Acinetobacter baumannii (CRAB)*		

*Will eventually add under new 690.540 section. Memo would be sent out to notify facilities/labs

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XDRO Reporting Requirements in Illinois

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Candida auris (C. auris)	**Yes**, since 2016. 77 IL Adm Code 690.295, 'Unusual Case…' 77 IL Adm Code 690.540	Labs/facilities report to INEDSS. IDPH enters into XDRO registry.
Carbapenemase-producing *Pseudomonas aeruginosa (CP-CRPA)*	**No**. Most often identified through point prevalence screening (PPS).	Facility/LHD notifies IDPH, IDPH enters into XDRO registry.
Carbapenem-resistant *Acinetobacter baumannii (CRAB)*	**No**.* IDPH-led pilot surveillance from 2019-2022. May also be identified through PPS's.	IDPH enters CRAB results into XDRO.

*Will eventually add under new 690.540 section. Memo would be sent out to notify facilities/labs.

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Illinois CP-CRPA & CRAB Surveillance Definitions

- **CRPA* and CRAB* not currently reportable in IL**

- **CP-CRPA definition:** *Pseudomonas aeruginosa* with positive molecular test specific for carbapenemase or positive phenotypic test for carbapenemase production.

- **CRAB definition:** *Acinetobacter baumannii* resistant to a carbapenem (imipenem, meropenem, or doripenem) or positive molecular test specific for carbapenemase.

*Will eventually add under new 690.540 section. Memo would be sent out to notify facilities/labs.

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UTILIZING THE XDRO REGISTRY

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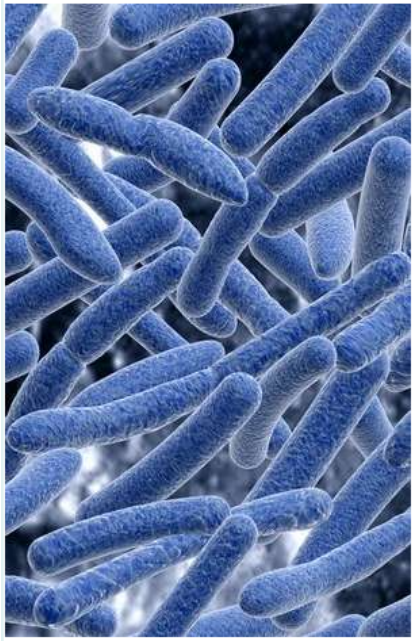
How do I get access to XDRO?

XDRO registry

Extensively drug resistant organism registry | Citations | Home | Help | Logout



To report CRE, please log-in through IDPH portal and access the XDRO registry under 'product application'

For log-in issues, including password resets, refer to the IDPH web portal home page

New users (who do not have access to the IDPH web portal): You must register for access to the IDPH web portal. Fill out the form to create a new username, and select the box to access the application "INEDSS (Disease Surveillance) System/XDRO registry (extensively drug resistant organism)." This may take several weeks to process.

Users who have access to the IDPH web portal, but not the INEDSS/XDRO application: If you already have a username and access to the IDPH web portal, **do not fill out a new registration form.** Please have your facility Portal Registration Authority (PRA)* send an email to DPH.Security@illinois.gov requesting for you to have access to the additional application "INEDSS (Disease Surveillance) System/XDRO registry (extensively drug resistant organism)." Make sure your PRA includes your full name and User ID.

Existing INEDSS users: Your existing IDPH log-in will automatically give you access to the XDRO registry.

The XDRO registry is a product of collaboration between IDPH, Medical Research Analytics and Informatics Alliance (MRAIA), and the Chicago CDC Prevention Epicenter.

* Each facility needs a Portal Registration Authority (PRA). The PRA is a designated employee at the facility who is authorized to approve access to IDPH applications for other staff at the facility. If your facility does not have a PRA, a quick video and instructions on how to set up a PRA are available on the training page .

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https://www.xdro.org

NEW IDPH USER

EXISTING IDPH USER

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ILLINOIS DEPARTMENT OF PUBLIC HEALTH

Registering for NEW access

IDPH web portal
Illinois Department of Public Health

Illinois Department of Public Health
Health Alert Network (HAN)
User Registration

This form should be used **only** to register to create a new username for the IDPH Web Portal. If you already have a username, please exit and have your facility PRA send an email to DPH Security requesting the additional application access needed. Please enter the following information. * denotes a required field.

A username will be created automatically upon submission of your registration request and a copy of the request will be sent to you via email.

First name: *	
Last name: *	

Password must be a mix of letters and numbers, with a minimum of one capital letter and eight characters in length.

Password: *	
Confirm password: *	
Title: *	
Organization: *	
Department: *	
Work address: *	
City: *	
State: *	
ZIP code: *	
E-mail: *	
Confirm E-mail: *	
Work phone #: *	
Cell phone #:	
Pager #:	
FAX #:	
Supervisor's name:	
Purpose for registration:	

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Select “INEDSS/XDRO Registry”

Please check the appropriate box(es) below to request access to restricted applications.

- [ ] Beach Monitoring System
- [ ] Blood Lead Billing System (MoveIT)
- [ ] Cancer Registry System
- [ ] EMS Licensing System
- [ ] Environmental Health Licensing System
- [ ] Genetic Counseling System
- [ ] Health Care Worker Background Check System (Fax any and all documentation regarding the HCWBC system to 217-558-3836 or email to dph.hcwr.pra@illinois.gov)
- [ ] Healthy Homes and Lead Poisoning Surveillance System
- [ ] I-CARE/Immunization Registry
- [ ] INEDSS (Disease Surveillance) System/XDRO registry (extensively drug resistant organism)
- [ ] LHPG Performance Indicators
- [ ] MoveIt File Transfer
- [ ] Newborn Screening eReports (enter IDPR or Professional License #:)
- [ ] Portal Community (please specify the name in the Purpose for registration field above)
- [ ] Refugee Health Assessment Program in Illinois (ReHAPI)
- [ ] Smoke-Free Illinois Enforcement System
- [ ] Trauma/HSVI Registry System
- [ ] West Nile Virus System
- [ ] Other (please specify in the Purpose for registration field above)

PRA E-mail: * select from the Portal Registration Authority list:

Submit Cancel

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Registration Confirmation

Should receive this right after you complete the registration application.

Friday, February 16, 2024 at 16:34:54 Central Standard Time

Subject: SAR - YOUR NAME (USER.NAME) - YOUR FACILITY
Date: Friday, February 16, 2024 at 10:32:44 AM Central Standard Time
From: DPH.SECURITY@illinois.gov
To: YOU, YOUR PRA
CC: DPH.ICARE, DPH.XDRORegistry

Illinois Department of Public Health
Health Alert Network (HAN)
User Registration

User Registration Confirmation

The following information has been submitted to IDPH.
Please print this form, obtain signatures, and fax the form to your PRA.

Username:	USER.NAME
First name:	FIRST
Last name:	LAST
Title:	Program Support Manager
Organization:	FACILITY/CORPORATION
Department:	Disease Prevention
Street address:	ADDRESS
City:	CITY
State:	IL
ZIP code:	60506
E-mail:	YOUR EMAIL
Work phone:	WORK
Cell phone:	CELL
Pager:	
FAX:	
Supervisor:	SUPERVISOR
Purpose for registration:	I-CARE/Immunization Registry. INEDSS (Disease Surveillance) System/XDRO registry (extensively drug resistant organism). ICARE, INEDSS/IDSS, IVRS
PRA e-mail:	PRA EMAIL
Selected applications:	1: I-CARE/Immunization Registry 2: INEDSS (Disease Surveillance) System/XDRO registry (extensively drug resistant organism)

Signatures

I, the undersigned Applicant, have read the IDPH Web Portal User Agreement on accessing portal resources and will abide by its policy. I am aware that violation of this agreement may result in IDPH terminating the agreement and revoking my privileges. I am also aware that misuse of information technology resources may also subject me to penalties under state and federal law not limited to the Computer Crime Prevention Law (720 ILCS 5/16D).

Applicant signature:	Date:
Supervisor's signature:	Date:
PRA signature:	Date:

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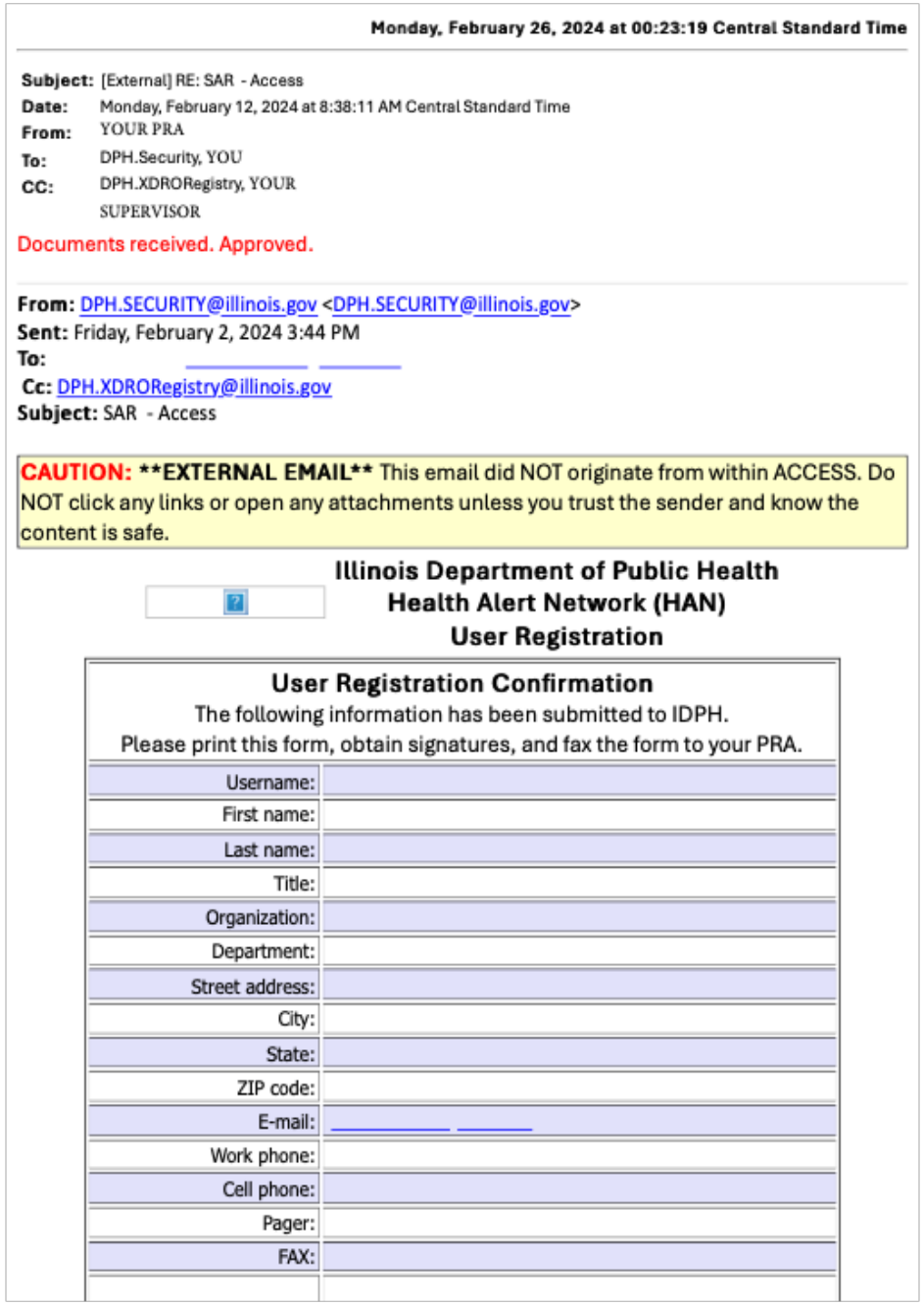
PRA APPROVAL

Sometimes the longest delay is waiting for PRA Approval. This is a real example, showing that there was a 10-day delay in approval from the PRA.



Monday, February 26, 2024 at 00:23:19 Central Standard Time

Subject: [External] RE: SAR - Access
Date: Monday, February 12, 2024 at 8:38:11 AM Central Standard Time
From: YOUR PRA
To: DPH.Security, YOU
CC: DPH.XDRORegistry, YOUR SUPERVISOR

Documents received. Approved.

From: DPH.SECURITY@illinois.gov <DPH.SECURITY@illinois.gov>
Sent: Friday, February 2, 2024 3:44 PM
To:
Cc: DPH.XDRORegistry@illinois.gov
Subject: SAR - Access

CAUTION: **EXTERNAL EMAIL** This email did NOT originate from within ACCESS. Do NOT click any links or open any attachments unless you trust the sender and know the content is safe.

Illinois Department of Public Health
Health Alert Network (HAN)
User Registration

User Registration Confirmation
The following information has been submitted to IDPH.
Please print this form, obtain signatures, and fax the form to your PRA.

Username:	
First name:	
Last name:	
Title:	
Organization:	
Department:	
Street address:	
City:	
State:	
ZIP code:	
E-mail:	
Work phone:	
Cell phone:	
Pager:	
FAX:	

1 of 3

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Account Approval

This will be sent out once your PRA approves your access to INEDSS/XDRO.

This is a request to the DPH Helpdesk to enable your account.

*Note the highlighted text: PLEASE ALLOW UP TO 6 WEEKS FOR YOUR ACCOUNT ACTIVATION

DPH Helpdesk:

Please process a change request to add the following user to the HHAN with access to the INEDSS Provider Reporting System as requested by PRA and approved by Michael Orama, Program Admin. Please notify the user once the request has been completed. Thank you.

Please note: This email serves as the approval to activate your I-NEDSS account. Your account is not activated yet. Please allow up to 6 weeks for your account activation. You will be notified by DPH Helpdesk once your account is activated.

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Account Activation

Friday, February 16, 2024 at 16:15:07 Central Standard Time

Subject: R-SAR - YOUR NAME (YOUR USERNAME) - YOUR FACILITY
Date: Wednesday, February 14, 2024 at 9:41:10 AM Central Standard Time
From: DPH.Helpdesk
To: Szerletich, Catherine
CC: Young, Valerie, Orama, Michael, DPH.XDRORegistry, YOU, YOUR PRA
Yellow Category, Red Category
Category:
Attachments: image002.jpg, image003.png

WARNING: Anyone accessing an IDPH Web Portal MUST use their own, unique username and password. Usernames and passwords are NEVER to be shared. Violations can lead to the account being disabled, or deleted. Thank you for your cooperation.

For 24/7 assistance to reset your password, or other application issues, please, Contact the Customer Service Center by phone at **1-800-366-8768, Option 1,** then **Option 1** for password assistance OR **Option 7** to reach DPH support personnel, or by e-mail at **dph.servicedesk@illinois.gov**.

Go to **www.idphnet.illinois.gov** to access ALL IDPH applications, now including Trauma/HSVI & GCS.

Select the **Login** link to proceed to the Web Authentication page.
Select the **Domain** dropdown arrow to choose **DPH Employees**.
Enter the **username** and **password**.
Click **Log On**

To change your own password:

0. Log into your portal account
1. Click on "Change Password", located in the left-hand column of the home page
2. Follow the directions precisely, any deviation will probably result in your account locking

I-CARE Users will not be able to access I-CARE until you receive confirmation from DPH ICARE

*** Multiple Applications ***
I-CARE set up, <Insert Additional Apps> to be done separately

---

This message is being sent as notification that your IDPH Web Portal account has been enabled. The username is (YOUR.USERNAME) and can be accessed immediately unless you are an I-CARE user. ICARE users will receive a separate email from DPH.ICARE@illinois.gov that includes documentation regarding the ICARE application.

To access the IDPH Web Portal Go to **www.idphnet.illinois.gov** to access the IDPH Web Portal Applications, except IVRS.

1. Select the **Login** link to proceed to the Web Authentication page.
2. Select the **Domain** dropdown arrow to choose **DPH Employees**.
3. Enter the **username**
4. Enter the **password** *(Password created by user during registration)*

5. Click **Log On**

If you encounter problems with your password or you want to change your password, do the following:

- To have your password reset or to report other application issues, please, Contact the Customer Service Center by phone at 217-524-3648 and 312-814-3648 (4-DoIT), or by e-mail at dph.helpdesk@illinois.gov.
- To change your own password, do the following:
  - Log into your portal account
  - Click on "Change Password", located in the left-hand column of the home page
  - Follow the directions precisely, any deviation will probably result in your account locking

IDPH Security Policy states that anyone accessing the IDPH Web Portal MUST use their own, unique username and password. Usernames and passwords are NEVER to be shared. Violations can lead to the account being disabled or deleted. Thank you for your cooperation.

Robert Andrews, ISS2 Helpdesk Support
Department of Innovation and Technology (DoIT) Illinois Department of Public Health (IDPH)
535 W. Jefferson St., FL-4

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Receiving this email means that your account has been enabled & you should have access to INEDSS now. You should gain access to XDRO the following Friday or Monday after your INEDSS account is activated.

How to log in to XDRO registry

Log in to the XDRO registry at: http://portalhome.dph.illinois.gov/

IDPH web portal
Illinois Department of Public Health

Illinois Department of Public Health
Health Alert Network
Web Portal

Welcome to the IDPH Web Portal

From here, you can:

- Find all your public health related information at one secure site.
- Join online communities to share files, discussions, calendars and more.
- Access Web-based applications.

Requirements: To access the IDPH Web Portal, users must be running Internet Explorer 9.0 or higher. Some portal applications may not function properly with other browsers such as Mozilla Firefox.

Current Users: click here to access the portal: DPH Portal Login

PASSWORDS:

IDPH has a new and easier way to **RESET** your own password!

To reset your password without calling the IDPH Helpdesk or the State of Illinois DoIT Customer Service Center, go to DoIT Identity Management and follow the prompts.

- In order to utilize this solution, you must have an email address that is individual to you only, no shareable email addresses are allowable

For step-by-step instructions on the new self-password reset process, click here.

I need to...

Register for a Portal Account (The ICARE system is used by providers to enter patient vaccine administration information. Individuals interested in receiving a vaccine should not enroll in ICARE, but may contact their local health department for additional information.)

For Technical Support issues (anything except Password Resets), please contact the DoIT Customer Service Center (CSC) at the appropriate number listed below.

- Springfield: 217-524-DoIT (217-524-3648)
- Chicago: 312-814-DoIT (312-814-3648)

Technical Support Week Days (8A-5P, Monday-Friday)

Contact the IDPH Helpdesk at 866-220-5247 or via email at DPH.Helpdesk@illinois.gov for Portal access and web-based application support. Please include your name, phone number, and specific application name, detail of the issue and error messages, if any, in your description of the problem within the email message to ensure efficient resolution.

All other Times, contact the Customer Service Center at the appropriate Springfield or Chicago number listed above or send an email to DoIT.Helpdesk@Illinois.gov.

- No password resets will be conducted over the telephone by DoIT CSC staff.
- Please include your name, phone number, and specific application name, detail of the issue and error messages, if any, in your description of the problem within the email message to ensure efficient resolution.

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Enter your username & password.

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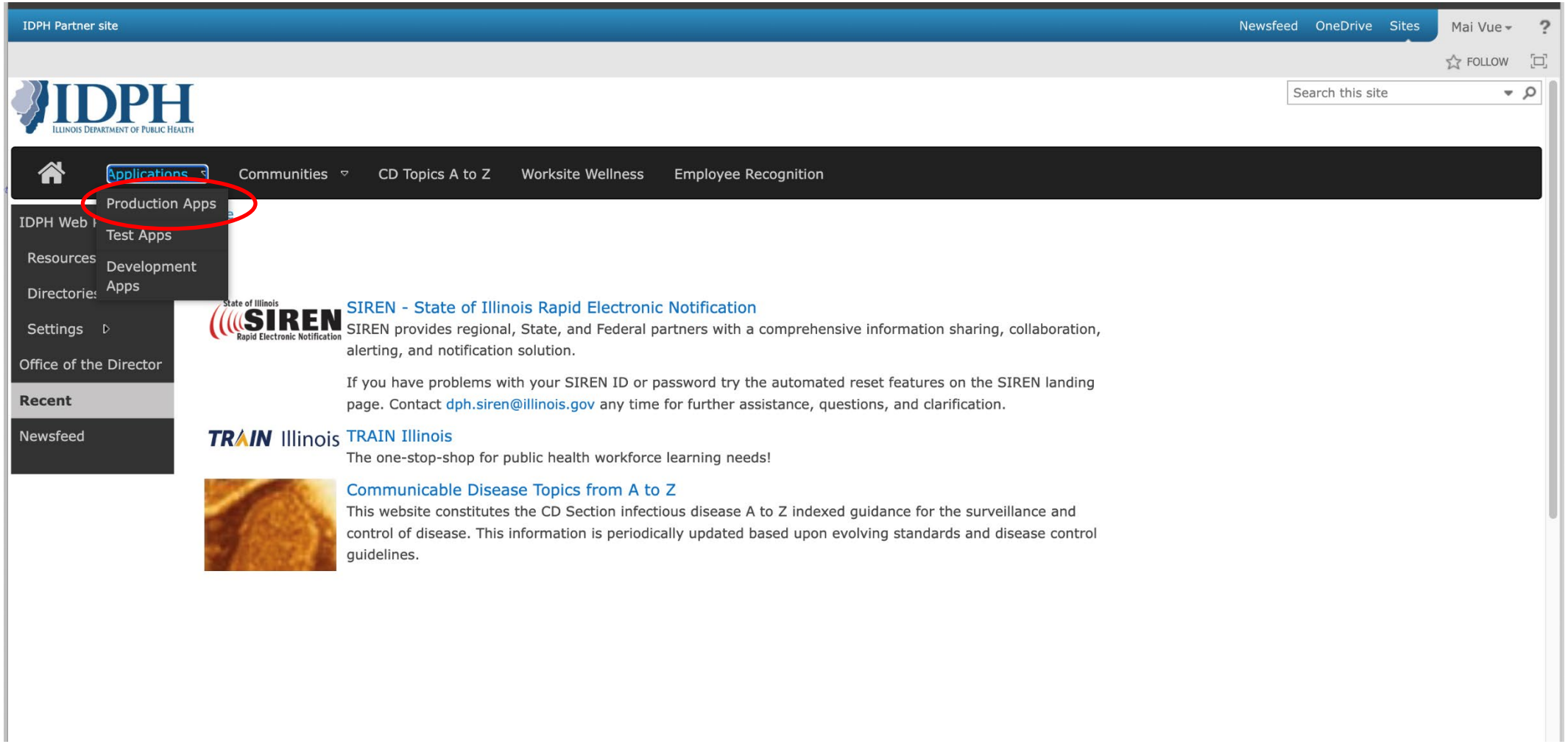
Select “Production Apps”



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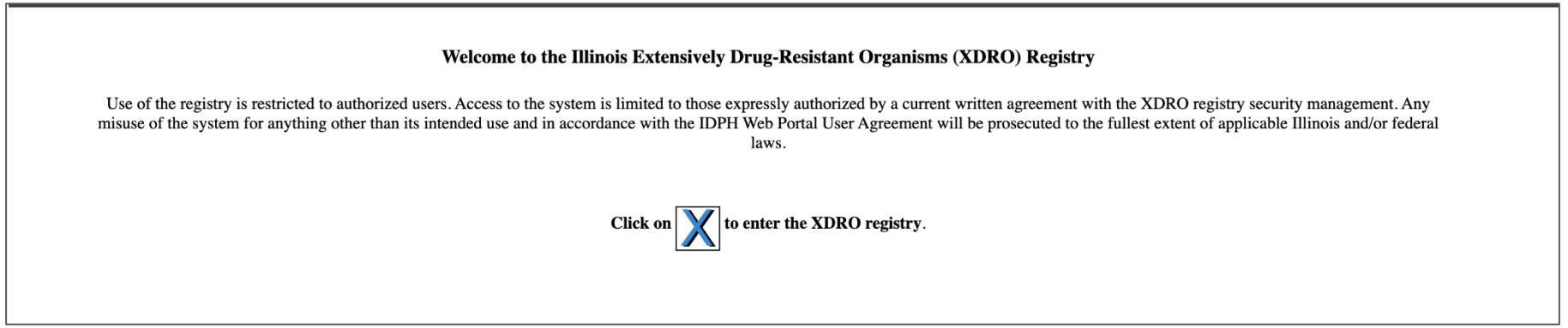
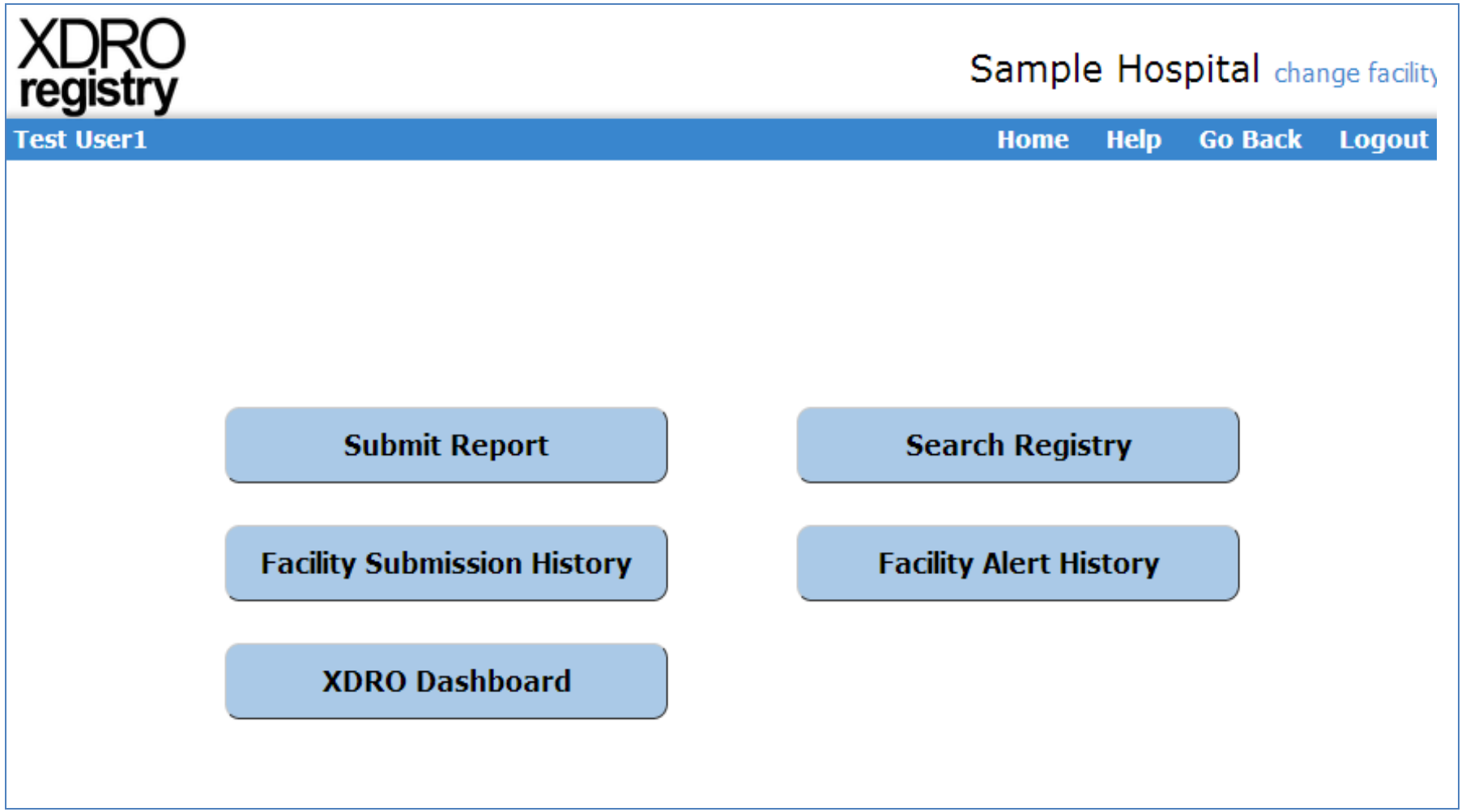
Select “XDRO Registry” from the Production Apps List

The XDRO Registry will open in a new tab – click the “X” to enter the external XDRO Registry website



Registry Home Page



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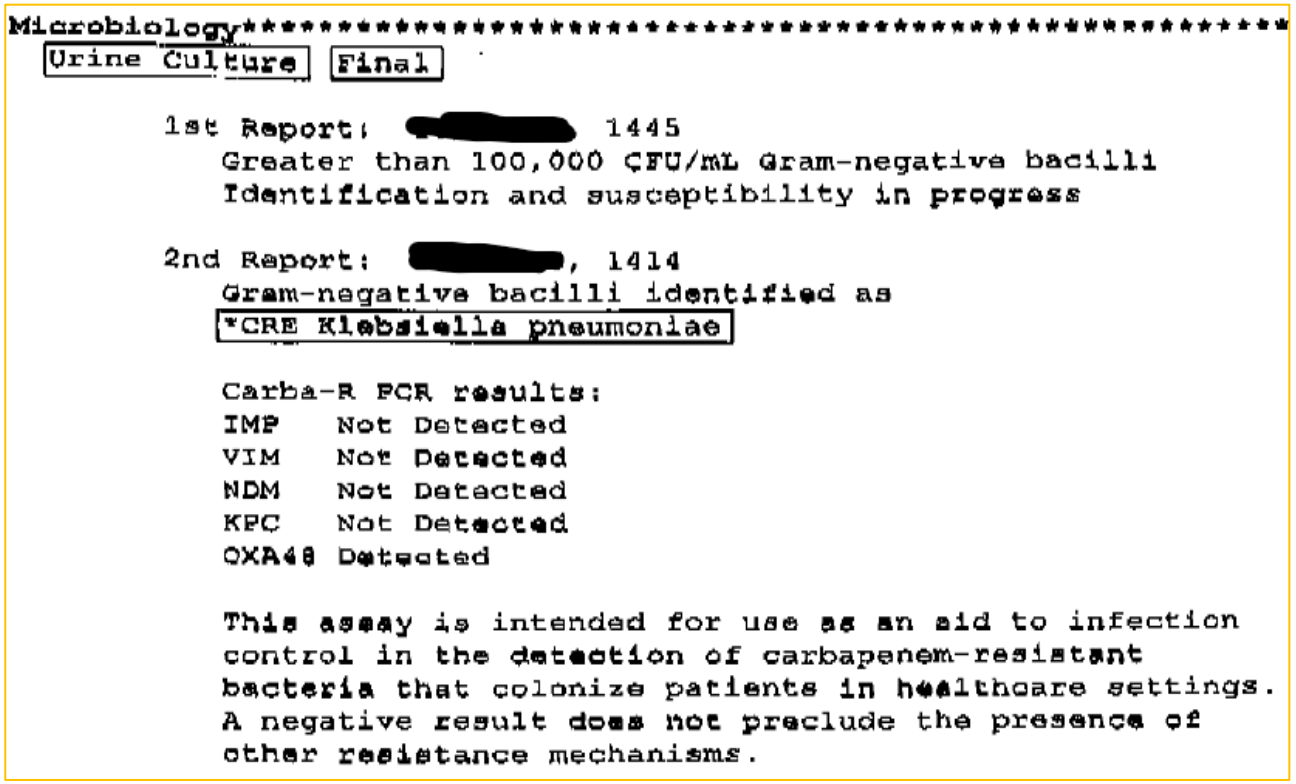
CRE Identification by Molecular Testing

CRE Reporting Criteria:

1. Molecular test (e.g., PCR) specific for carbapenemase

Example Lab Report



Microbiology**********

Urine Culture | Final

1st Report: [redacted] 1445
Greater than 100,000 CFU/mL Gram-negative bacilli
Identification and susceptibility in progress

2nd Report: [redacted], 1414
Gram-negative bacilli identified as
*CRE Klebsiella pneumoniae

Carba-R PCR results:
IMP Not Detected
VIM Not Detected
NDM Not Detected
KPC Not Detected
OXA48 Detected

This assay is intended for use as an aid to infection control in the detection of carbapenem-resistant bacteria that colonize patients in healthcare settings. A negative result does not preclude the presence of other resistance mechanisms.

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CRE Identification by Phenotypic Testing

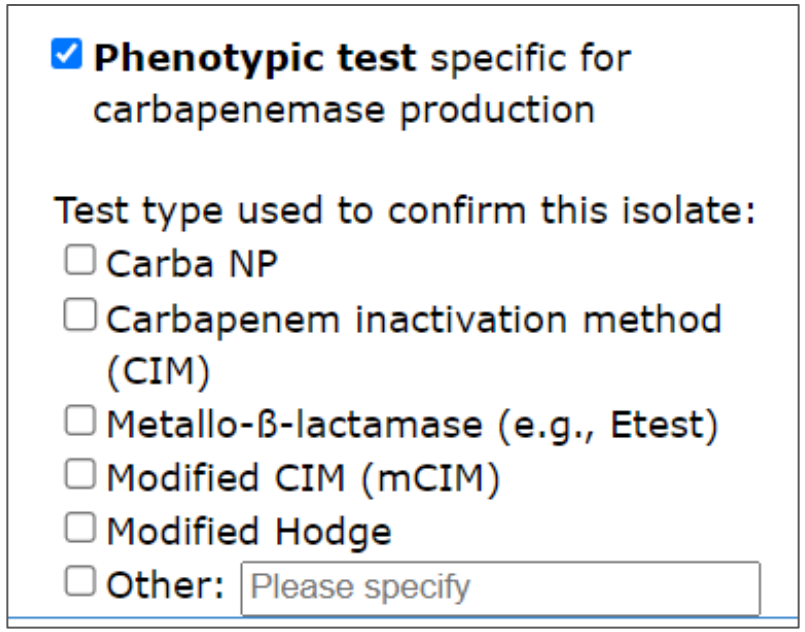
Example Lab Report

Bacterial Identification	**Identification confirmed as:**
	Klebsiella pneumoniae
	Comments: Carbapenemase production detected using Modified Carbapenem Inactivation Method.

CRE Reporting Criteria:

2. Phenotypic test (e.g., Modified Hodge) specific for carbapenemase production

XDRO Options:



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CRE Identification by Susceptibility Testing

Example Lab Report

Susceptibility

	Klebsiella pneumoniae Iso1		
	AR GRAM NEGATIVE SENSITITRE		
Amikacin	>32	mcg/mL	Resistant
Aztreonam	>16	mcg/mL	Resistant
Cefepime	>16	mcg/mL	Resistant
Cefotaxime	>32	mcg/mL	Resistant
Ceftazidime	>16	mcg/mL	Resistant
Ciprofloxacin	>2.0	mcg/mL	Resistant
Colistin	<=0.25	mcg/mL	Intermediate
Doripenem	>2.0	mcg/mL	Resistant
Doxycycline	8.0	mcg/mL	Intermediate
Ertapenem	>4.0	mcg/mL	Resistant
Gentamicin	>8.0	mcg/mL	Resistant
Imipenem	>8.0	mcg/mL	Resistant
Meropenem	>8.0	mcg/mL	Resistant

CRE Reporting Criteria:

3. For E. coli and Klebsiella species only: non-susceptible to ONE of the carbapenems (doripenem, meropenem, or imipenem) AND resistant to ALL third generation cephalosporins tested (ceftriaxone, cefotaxime, and ceftazidime).

	What's included?	What's excluded?	Results
Organisms	- *E. coli* - *Klebsiella* spp.	- *K. aerogenes* (formerly *Enterobacter aerogenes*) - Any other genus (e.g., *Proteus, Enterobacter, Morganella*, etc)	--
Carbapenems	- Doripenem - Meropenem - Imipenem	Ertapenem	Resistant or intermediate (May show up as **R** or **I** on lab report)
3rd gen cephalosporins	- Ceftriaxone - Cefotaxime - Ceftazidime		Resistant (if tested)

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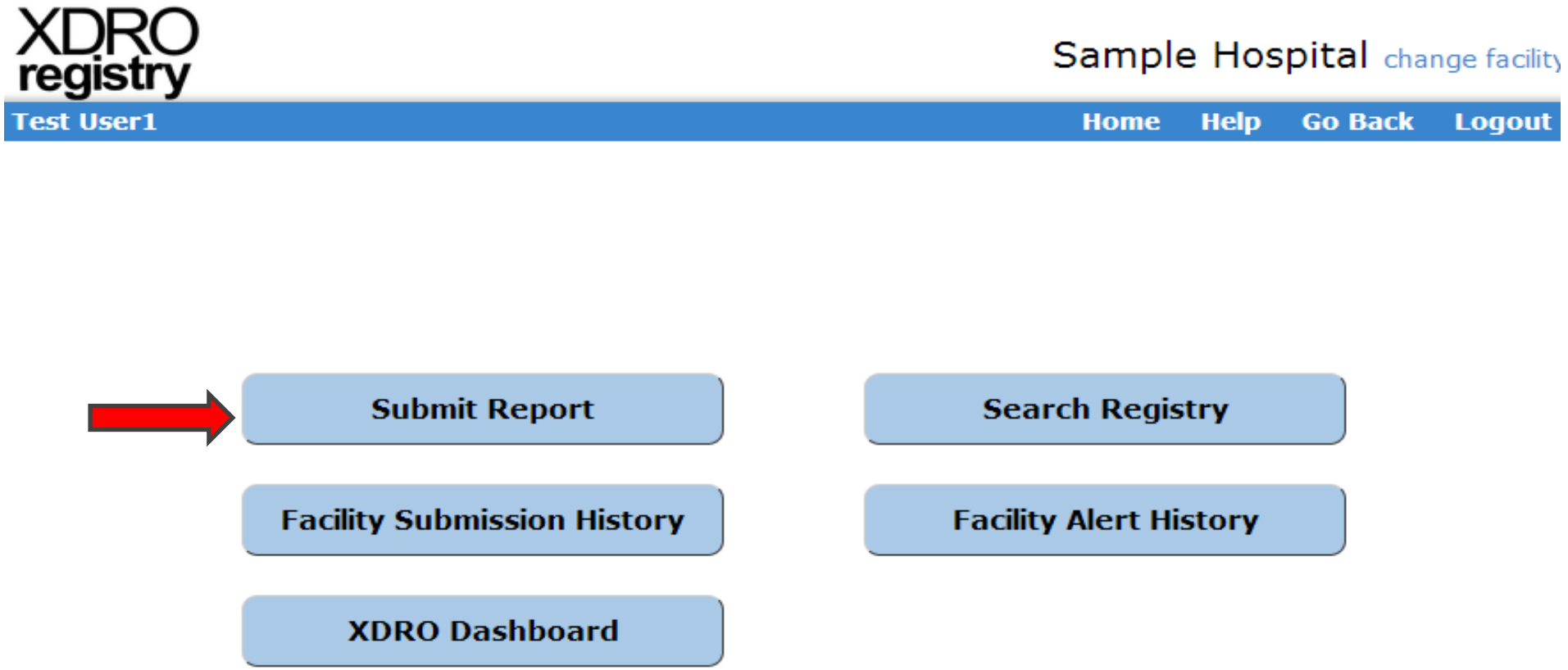

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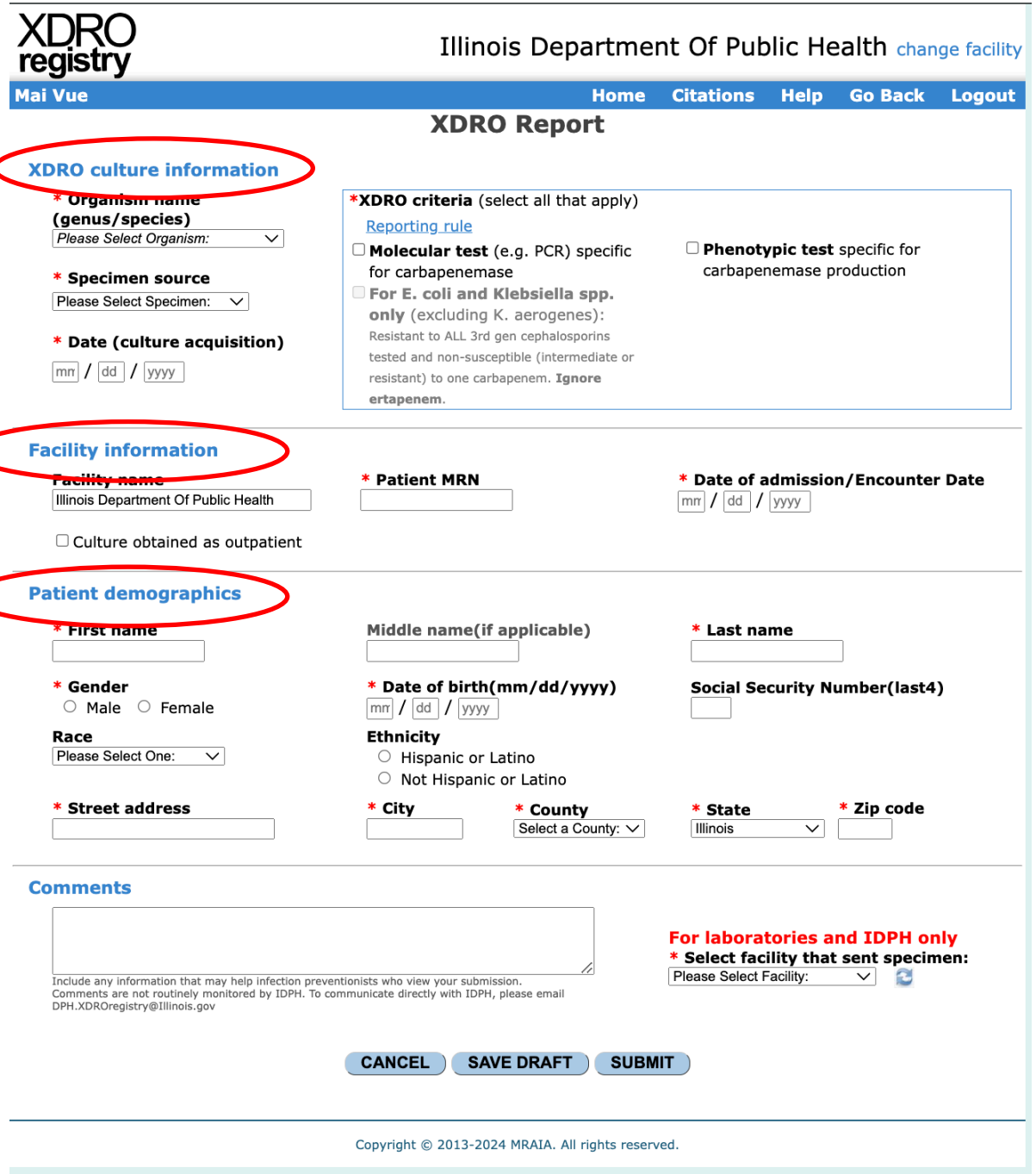
XDRO Report Form



XDRO registry

Illinois Department Of Public Health change facility

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XDRO Report

XDRO culture information

* Organism name (genus/species)
Please Select Organism:

* Specimen source
Please Select Specimen:

* Date (culture acquisition)
mm / dd / yyyy

*XDRO criteria (select all that apply)
Reporting rule

- Molecular test (e.g. PCR) specific for carbapenemase
- Phenotypic test specific for carbapenemase production
- For E. coli and Klebsiella spp. only (excluding K. aerogenes): Resistant to ALL 3rd gen cephalosporins tested and non-susceptible (intermediate or resistant) to one carbapenem. Ignore ertapenem.

Facility information

Facility name
Illinois Department Of Public Health

* Patient MRN

* Date of admission/Encounter Date
mm / dd / yyyy

Culture obtained as outpatient

Patient demographics

* First name

Middle name(if applicable)

* Last name

* Gender
Male Female

* Date of birth(mm/dd/yyyy)
mm / dd / yyyy

Social Security Number(last4)

Race
Please Select One:

Ethnicity
Hispanic or Latino
Not Hispanic or Latino

* Street address

* City

* County
Select a County:

* State
Illinois

* Zip code

Comments

Include any information that may help infection preventionists who view your submission. Comments are not routinely monitored by IDPH. To communicate directly with IDPH, please email DPH.XDROregistry@Illinois.gov

For laboratories and IDPH only
* Select facility that sent specimen:
Please Select Facility:

CANCEL | SAVE DRAFT | SUBMIT

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CRE Report – Molecular Test

XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake
MRN: 9999
Admission date: 01/01/2024
Date of birth: 12/12/1970
SSN (last 4):
Gender: male
Race:
Ethnicity:
Address: 1234 Fake Street, Fake City, Cook, IL 60630

XDRO culture information

Organism: *Klebsiella pneumoniae*
Culture date: 01/01/2024
XDRO criterion: Molecular test
Specimen source: Blood
Mechanism of resistance: KPC
Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

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1. Molecular test (e.g., PCR) specific for carbapenemase

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CRE Report – Phenotypic Test

XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake
MRN: 9999
Admission date: 01/01/2024
Date of birth: 12/12/1970
SSN (last 4):
Gender: male
Race:
Ethnicity:
Address: 1234 Fake Street, Fake City, Cook, IL 60603

XDRO culture information

Organism: *Klebsiella pneumoniae*
Culture date: 01/01/2024
XDRO criterion: Phenotypic test
Specimen source: Blood
Mechanism of resistance:
Phenotypic test type(s): Carbapenem inactivation method (CIM)
Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

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2. Phenotypic test (e.g., Modified Hodge) specific for carbapenemase production

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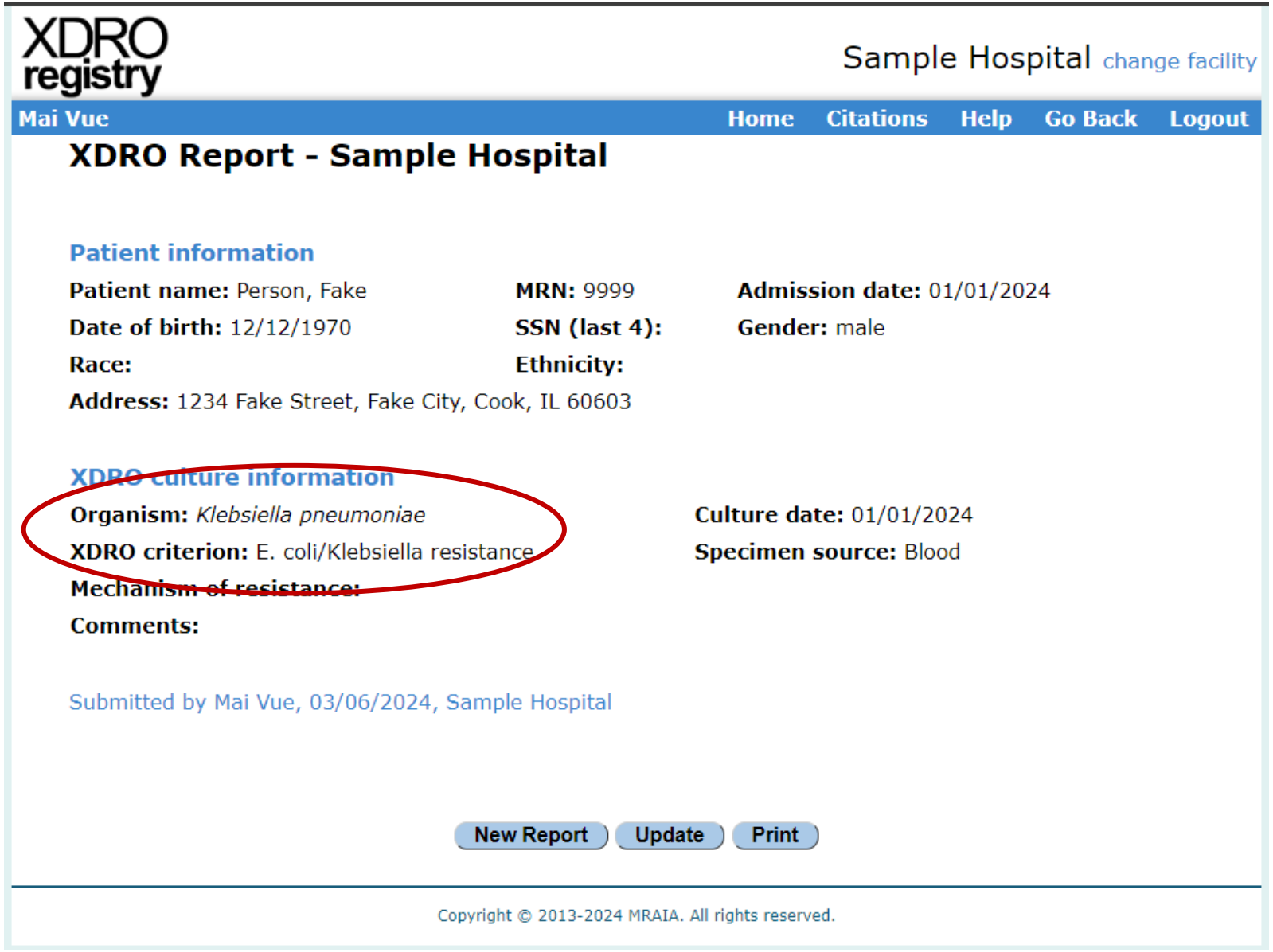
CRE Report – Antibiotic Susceptibility Test



XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake **MRN:** 9999 **Admission date:** 01/01/2024

Date of birth: 12/12/1970 **SSN (last 4):** **Gender:** male

Race: **Ethnicity:**

Address: 1234 Fake Street, Fake City, Cook, IL 60603

XDRO culture information

Organism: *Klebsiella pneumoniae* **Culture date:** 01/01/2024

XDRO criterion: E. coli/Klebsiella resistance **Specimen source:** Blood

Mechanism of resistance:

Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

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3. For E. coli and Klebsiella species only: non-susceptible to ONE of the carbapenems (doripenem, meropenem, or imipenem) AND resistant to ALL third generation cephalosporins tested (ceftriaxone, cefotaxime, and ceftazidime).

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C. *auris* Report

XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake
MRN: 9999
Admission date: 01/01/2024
Date of birth: 12/12/1970
SSN (last 4):
Gender: male
Race:
Ethnicity:
Address: 1234 Fake Address, Fake City, Cook, IL 60603

XDRO culture information

Organism: *Candida auris*
Culture date: 01/01/2024
Specimen source: Blood
Mechanism of resistance:
Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

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CRAB

XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake
MRN: 9999
Admission date: 01/01/2024
Date of birth: 12/12/1970
SSN (last 4):
Gender: male
Race:
Ethnicity:
Address: 1234 Fake Address, Fake City, Cook, IL 60603

XDRO culture information

Organism: *Acinetobacter baumannii*
Culture date: 01/01/2024
Specimen source: Blood
Mechanism of resistance: OXA-24/40
Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

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CP-CRPA

XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake **MRN:** 9999 **Admission date:** 01/01/2024

Date of birth: 12/12/1970 **SSN (last 4):** **Gender:** male

Race: **Ethnicity:**

Address: 1234 Fake Street, Fake City, Cook, IL 60603

XDRO culture information

Organism: *Pseudomonas aeruginosa* **Culture date:** 01/01/2024

Specimen source: Blood **Mechanism of resistance:** KPC

Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

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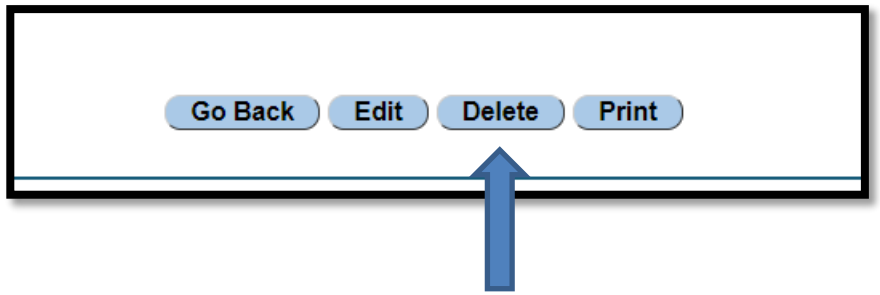
Reasons for Editing or Deleting a Report

- Data entry error
- Duplicate record
- Laboratory testing error
- Does not meet reporting criteria
- Determined not to be CRE through molecular testing
- Patient deceased
- **De-colonization or infection resolution is NOT a valid reason to delete a record in the registry.**

Deleting a Report

At the bottom of the Report Page, there should be these options.



XDRO registry

Sample Hospital change facility

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XDRO Report - Sample Hospital

Patient information

Patient name: Person, Fake
MRN: 9999
Admission date: 01/01/2024
Date of birth: 12/12/1970
SSN (last 4):
Gender: male
Race:
Ethnicity:
Address: 1234 Fake Address, Fake City, Cook, IL 60603

XDRO culture information

Organism: *Candida auris*
Culture date: 01/01/2024
XDRO criterion: N/A
Specimen source: Blood
Mechanism of resistance: N/A
Comments:

Submitted by Mai Vue, 03/06/2024, Sample Hospital

Reason for deleting the above record: Please Select Reason: **Comment:**

De-colonization or infec… te the record.

- Please Select Reason:
- Data entry error - duplicate record
- Data entry error - other
- Laboratory testing error
- Patient deceased
- Not a CRE - confirmed by molecular testing
- Not a CRE - does not meet surveillance criteria
- Other

Go Back | Edit | Delete | Print

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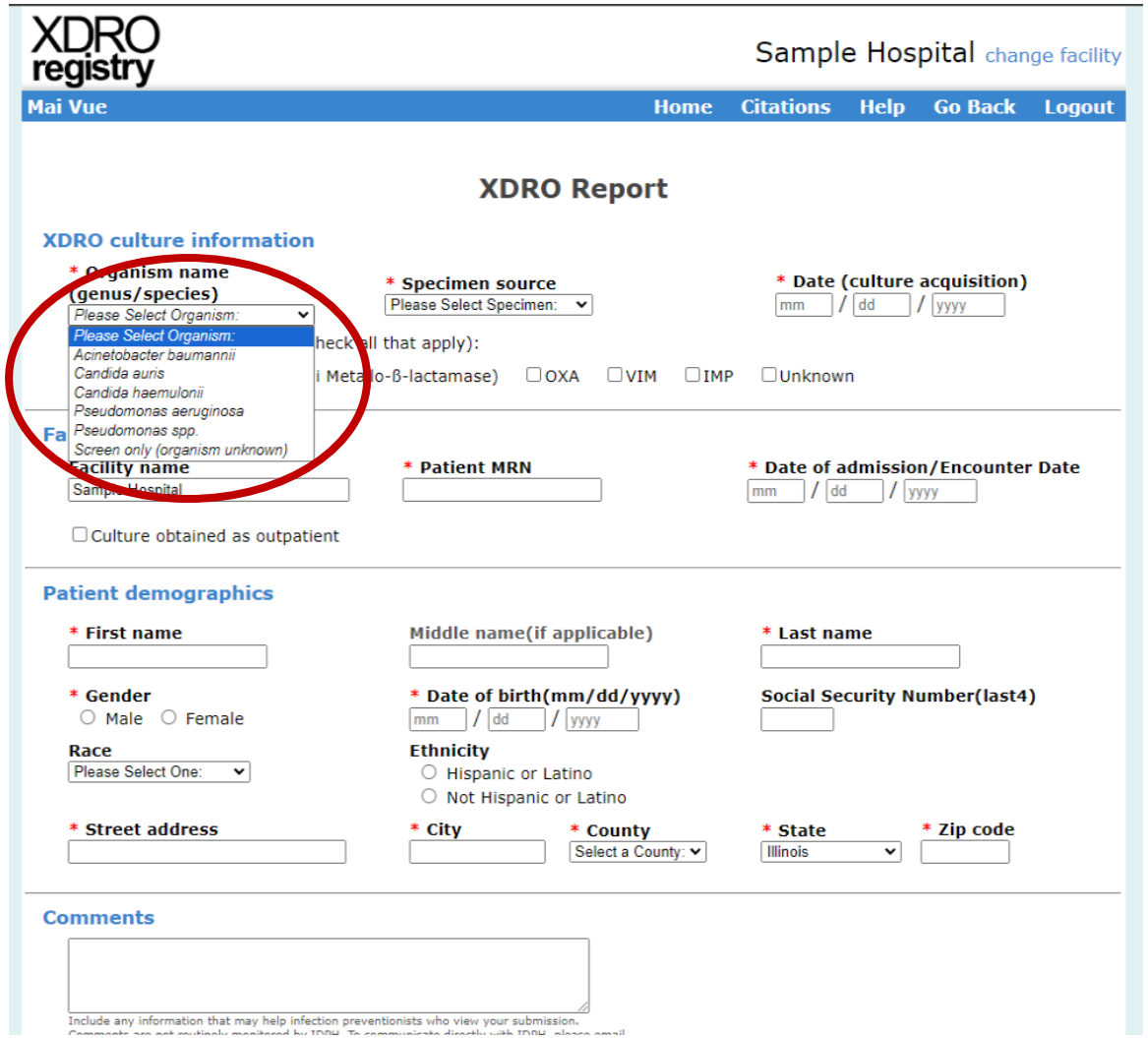
IDPH Entry of C. auris/CRAB/CP-CRPA

Only IDPH HAI Admin can enter C. auris*, CRAB, and CP-CRPA cases into the XDRO Registry

Facilities/Labs report to INEDSS & then HAI Program enters cases into XDRO.

Providers can also send confirmatory lab reports via secured fax (312-338-0390) or encrypted email to DPH.XDRORegistry@illinois.gov <u>in addition</u> to completing an INEDSS case report.



*Provider reporting of C. auris into XDRO is currently in the works and once live, providers can report C. auris directly into XDRO.

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Scenario

- LTC Admissions Coordinator receives phone call from hospital regarding new admission
  1. Coordinator queries XDRO Registry
     - Name: Fake Person
     - DOB: 12/12/1990

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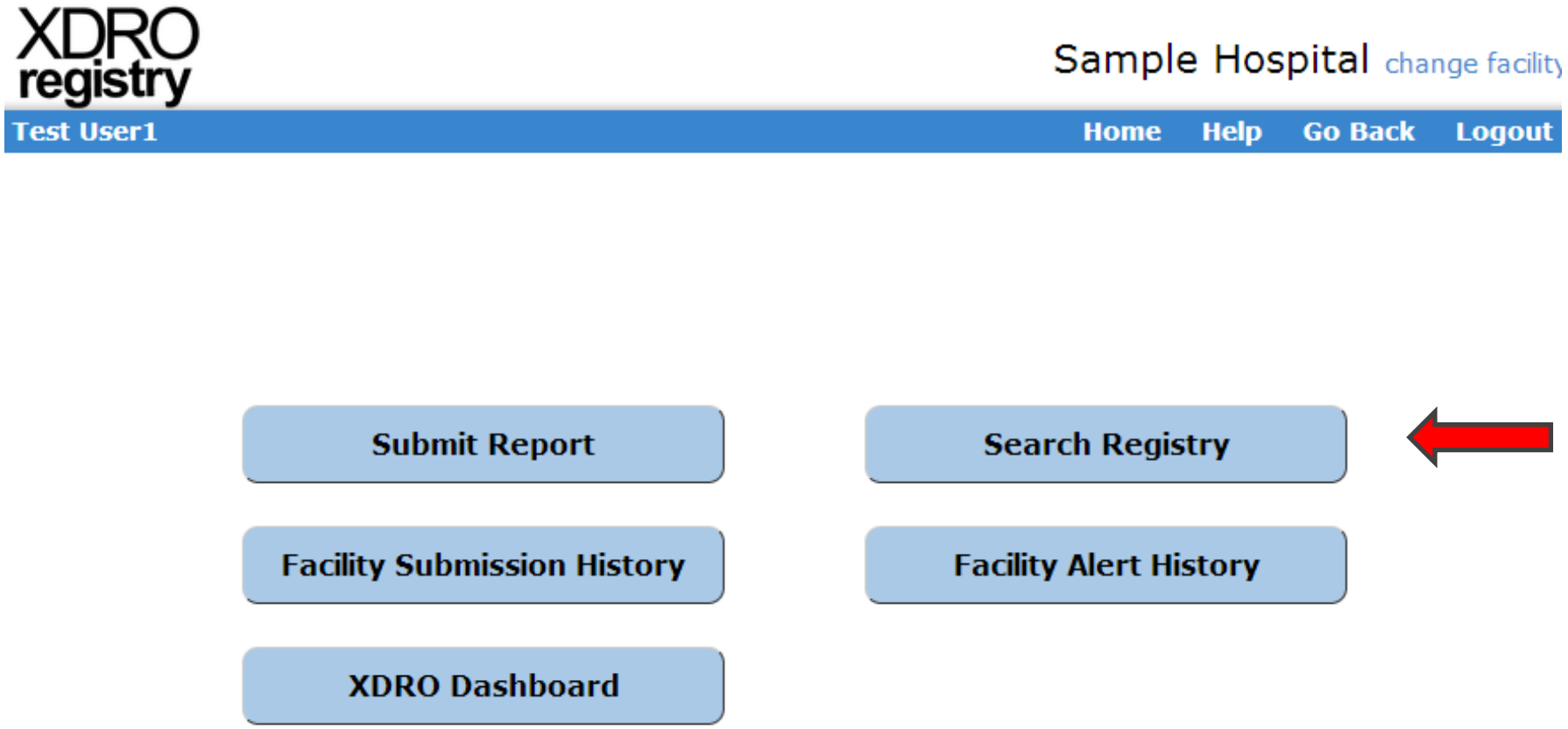
Manually Querying a Patient



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CT Department of Public Health

XDRO registry

Sample Hospital change facility

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Search Patient

* Last name: Person

* Date of birth: 12 / 12 / 1970

First name:

Query

Showing results for Person, DOB 12/12/1970 (**FIRST NAME IGNORED**):

RID	Name	Date of Birth	SSN	Organism	Culture Date	Last Transaction	Facility
26186	Person, Fake	12/12/1970		*Klebsiella pneumoniae*	01/01/2024	submitted,03/06/2024	Sample Hospital..
26187	Person, Fake	12/12/1970		*Klebsiella pneumoniae*	01/01/2024	submitted,03/06/2024	Sample Hospital..
26188	Person, Fake	12/12/1970		*Klebsiella pneumoniae*	01/01/2024	submitted,03/06/2024	Sample Hospital..
26189	Person, Fake	12/12/1970		*Candida auris*	01/01/2024	submitted,03/06/2024	Sample Hospital..
26190	Person, Fake	12/12/1970		*Acinetobacter baumannii*	01/01/2024	submitted,03/06/2024	Sample Hospital..
26191	Person, Fake	12/12/1970		*Pseudomonas aeruginosa*	01/01/2024	submitted,03/06/2024	Sample Hospital..

RID = Unique **R**eport **ID**entification number given to each report. Can be used when sharing personal identifiers is not advised (e.g., when emailing public health).

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Patient with history of XDRO

2. Notify DON & IP to prepare for infection and prevention control measures (i.e. room placement, etc.)
   - Can connect with LHD & IDPH IP for additional support

Toolkit for Implementing Personal Protective Equipment in Nursing Homes to Prevent the Spread of Multidrug- and Extensively Drug-Resistant Organisms, Jan 2024

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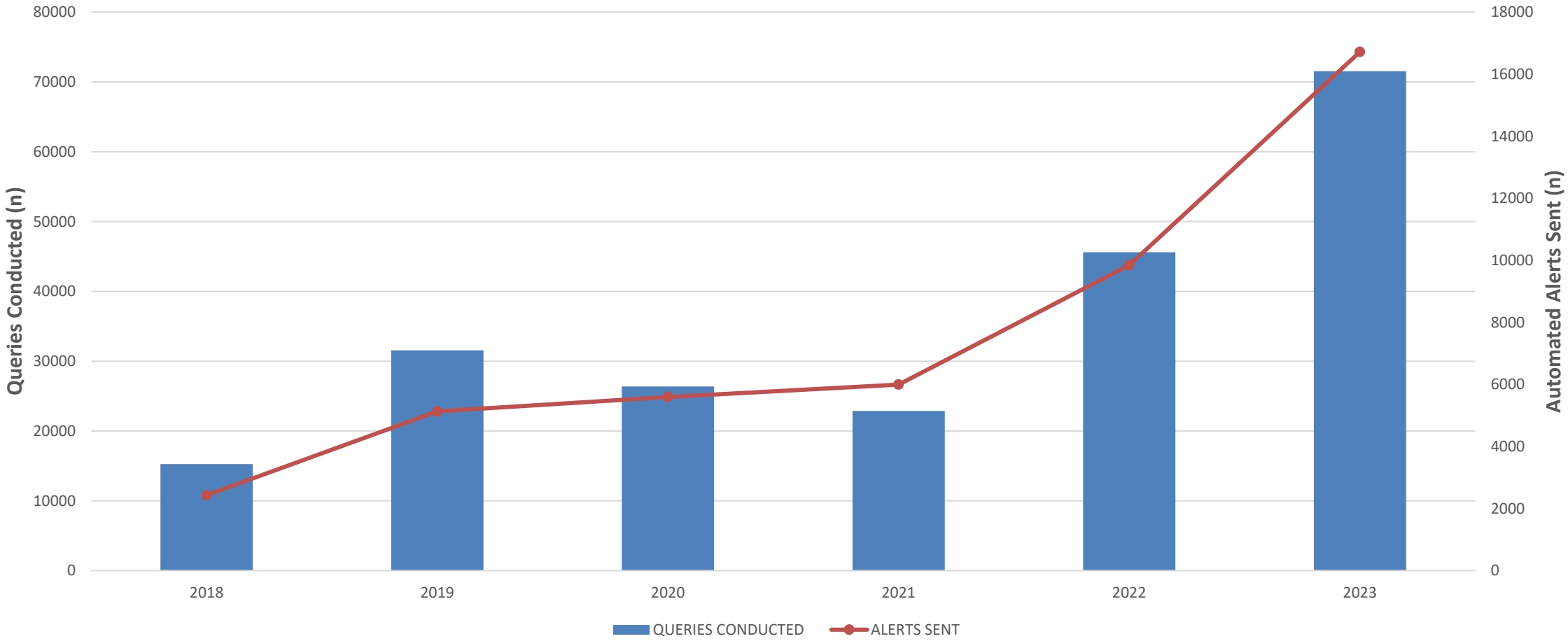
Number of Queries Conducted from the XDRO Registry, 2018 – 2023



Only ~16% of SNFs conducted a query in 2023.
New Admin code will require facilities to query.

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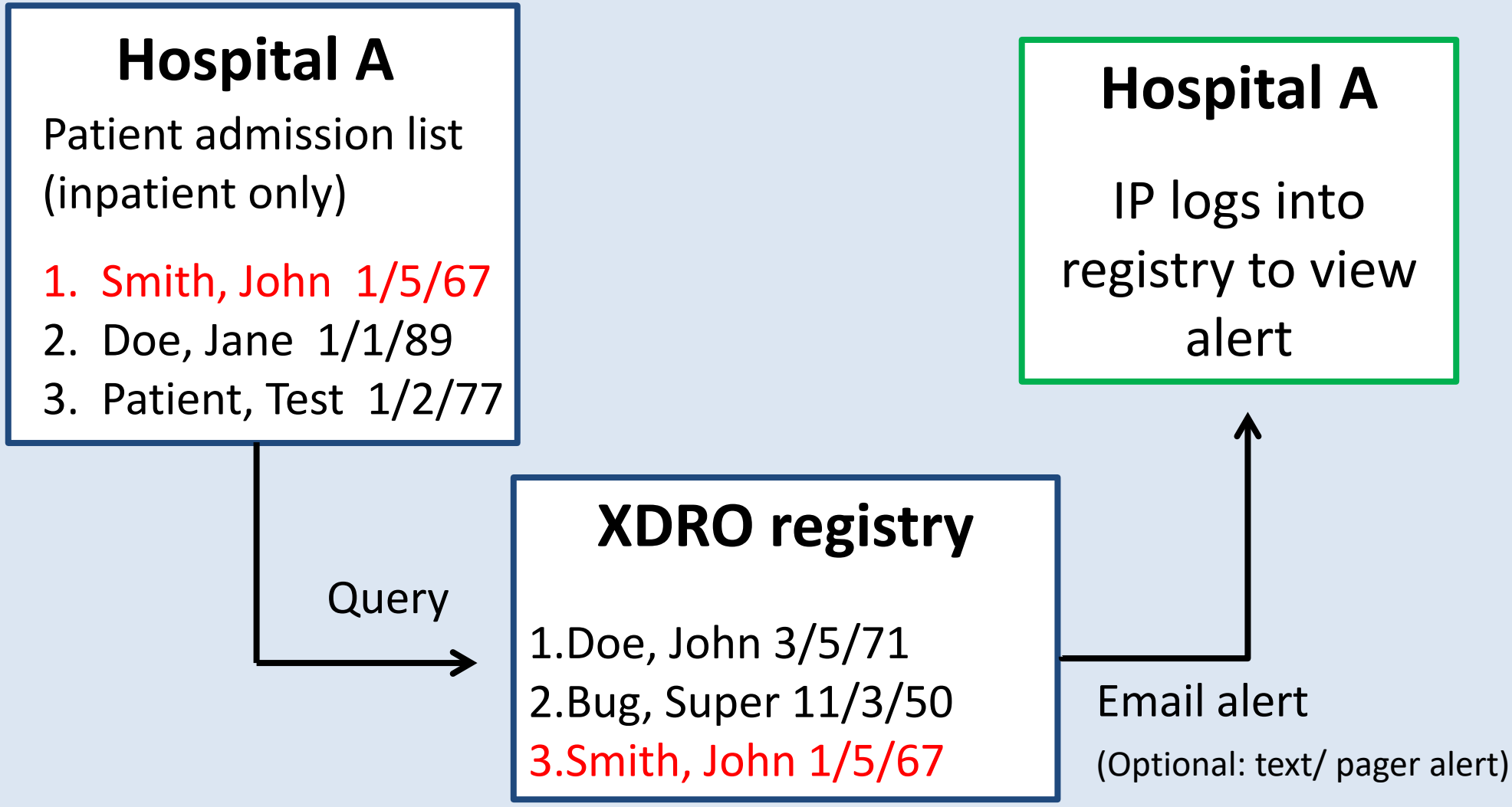
XDRO Registry Automated Alerts



Currently only available for hospitals. Team is working on getting admissions data from Skilled Nursing Facilities.

FAQ

- I need access to more than 1 facility; how do I get access to them (i.e. IP who covers multiple locations within the same corporate entity)?
  - Do you also need INEDSS reporting access to the additional facility (or facilities)?
    - If yes, you will need to apply for a NEW IDPH account with the new facility.
    - If no, please email DPH.XDRORegistry@Illinois.gov to obtain access.

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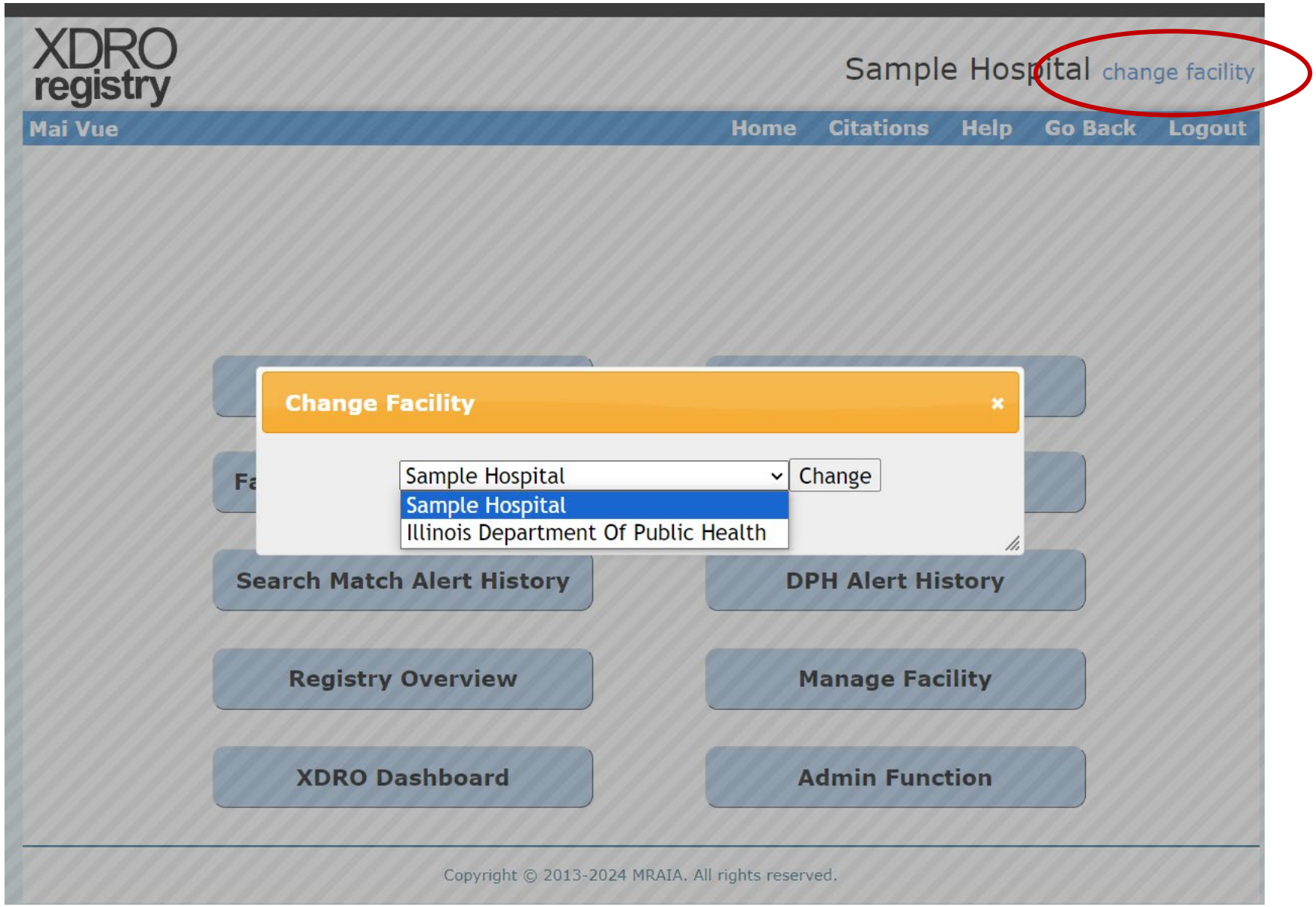
Multi-Facility: How to change between facilities



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FAQ

- I have access to INEDSS, but I keep getting a “You are not authorized” page when I try to access XDRO.
  - Please clear your cache/cookies and/or switching browsers.
  - Make sure you are using the correct username (sometimes we see issues where users are trying to use old usernames from a previous job)
  - If you have JUST been granted access to XDRO, please wait until the following Friday or Monday for your XDRO access to be activated.
  - If you have tried all of the above, please email DPH.XDRORegistry@Illinois.gov for assistance.

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Illinois Department of Public Health

Questions?

XDRO Registry

- DPH.XDRORegistry@Illinois.gov

XDRO Lead

- Mai.Vue@Illinois.gov

XDRO Training Videos

- https://www.xdro.org/training-videos.html

XDRO FAQs

- https://www.xdro.org/help.html

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Open Q&A

Submit questions via Q&A pod to **All Panelists**

Please do not resubmit a single question multiple times

Slides and recording will be made available after the session.

Reminders

- For continuing education credit, please fill out the evaluation survey upon end of webinar
  - https://forms.office.com/g/5ZC5TshnfW?origin=lprLink
- SIREN Registration
  - To receive situational awareness from IDPH, please use this link to guide you to the correct registration instructions for your public health related classification: http://www.dph.illinois.gov/siren
- Telligen Resources:
  - Project Firstline Trainings: https://www.telligenqiconnect.com/infectionpreventionandcontrol/
  - Contact Telligen: **nursinghome@telligen.com**