

MEMORANDUM

Date: June 4, 2024

TO: Hospital and Long-Term Care Facility Infection Preventionists, Specialized Mental Health Rehabilitation Facilities, Dialysis Centers, Laboratories, Health Care Providers, and Local Health Departments

FROM: Healthcare-Associated Infections/Antimicrobial Resistance Prevention Program

SUBJECT: New Extensively-Drug Resistant Organism (XDRO) Registry Reporting and Querying Requirements

77 Illinois Administrative Code, [Part 690 Control of Notifiable Diseases and Conditions Code](#), was amended effective February 2024. The purpose of this memo is to notify mandated reporters and health care providers of changes related to the control of multi-drug resistant organisms and Extensively Drug-Resistant Organism (XDRO) Registry reporting and querying.

- A new section, [Section 690.540](#), was created for the control of Multi-drug Resistant Organisms of Epidemiologic Importance. At this time, **carbapenem-resistant Enterobacterales (CRE) and *Candida auris* only** are included under this section and are reportable to the XDRO registry. ***ESBLs are not included in this reporting requirement.***
- Direct, manual reporting of *C. auris* to the XDRO registry by mandated reporters will open and be required as of July 1, 2024. Reporters must also report epidemiologic investigation data for new cases to the Illinois-National Electronic Disease Surveillance System (I-NEDSS).
 - IDPH will work with laboratories to establish electronic laboratory reporting to I-NEDSS, and a dataflow to the XDRO registry to eventually replace manual data entry.
- Under [Section 690.1510](#), new entities required to report to the XDRO registry include dialysis centers, specialized mental health rehabilitation facilities, and other high-risk health care facilities serving high-risk populations. These entities may also have their laboratories report on their behalf.
- The following health care facilities are now required to query new admissions or implement automated alerts from the XDRO registry: Hospitals, long-term acute care hospitals, skilled nursing and intermediate care facilities, and dialysis centers.

Facilities that do not currently have IDPH Web Portal and XDRO registry access must register here: <https://portalhome.dph.illinois.gov/>. Registration [instructions](#) and a quick training [video](#) are also available on the XDRO registry website.

IDPH will host two webinars on these changes and provide a walk-through of the new provider reporting of *C. auris* to the XDRO registry. Content for the webinars will be identical; please sign up for only one. The slides and webinar recording will be sent to those who register.

Date/Time	WebEx Registration Link
6/24/24, 2 – 3 pm	https://illinois.webex.com/weblink/register/ra38996c23eb62457156431114343a369
6/27/24, 2 – 3 pm	https://illinois.webex.com/weblink/register/r389c0ebe8089f55c4f7fc64a56e3dae2

If you have questions regarding the above information that require attention before the webinars, please contact DPH.XDROregistry@illinois.gov.

ADDENDUM

Please review the following adopted amendments to the Illinois Administrative Code for details about the new MDRO section and XDRO registry reporting and querying requirements:

TITLE 77: PUBLIC HEALTH
CHAPTER I: DEPARTMENT OF PUBLIC HEALTH
SUBCHAPTER k: COMMUNICABLE DISEASE CONTROL AND IMMUNIZATIONS
PART 690 CONTROL OF NOTIFIABLE DISEASES AND CONDITIONS CODE

SUBPART D: DETAILED PROCEDURES FOR THE CONTROL OF NOTIFIABLE DISEASES AND CONDITIONS

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

SUBPART J: REGISTRIES

- [SECTION 690.1500](#) Extensively Drug-Resistant Organism Registry
- [SECTION 690.1510](#) Entities Required to Submit Information
- [SECTION 690.1520](#) Information Required to Be Reported
- [SECTION 690.1530](#) Methods of Reporting XDRO Registry Information
- [SECTION 690.1540](#) Availability of Information

Surveillance definitions for organisms required to be reported to the XDRO registry:

The first specimen obtained during each unique patient/resident encounter that meets the surveillance criteria must be reported to the XDRO registry within three calendar days after the test result is finalized.

Carbapenem-Resistant Enterobacterales

Enterobacterales (e.g., *E. coli*, *Klebsiella* species, *Enterobacter* species, *Proteus* species, *Citrobacter* species, *Serratia* species, *Morganella* species, or *Providencia* species) with one of the following laboratory test results:

1. Molecular test (e.g., polymerase chain reaction [PCR]) specific for carbapenemase;
2. Phenotypic test (e.g., Modified Carbapenem Inactivation Method [mCIM]) specific for carbapenemase production;
3. For *E. coli* and *Klebsiella* species only (excluding *K. aerogenes*): non-susceptible (intermediate or resistant) to at least one of the following carbapenems (doripenem, meropenem, or imipenem) AND resistant to all of the following third generation cephalosporins tested (ceftriaxone, cefotaxime, and ceftazidime). Note: ignore ertapenem for this definition.

Candida auris

Confirmatory laboratory evidence of *Candida auris* using either culture or a validated culture-independent test (e.g., NAAT [Nucleic Acid Amplification Test]).