

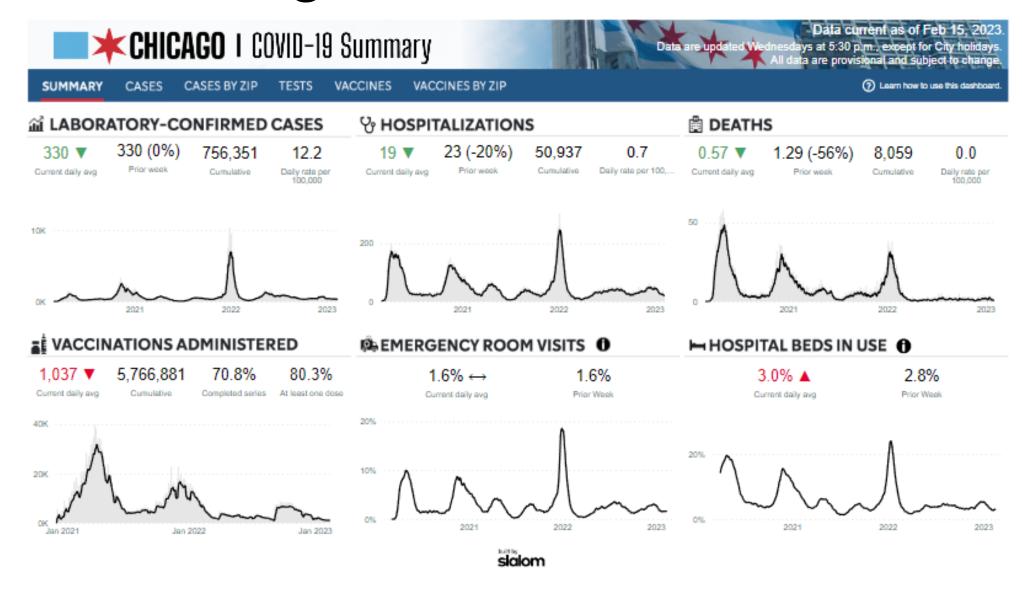
COVID-19 Chicago Long Term Care Roundtable

X Agenda

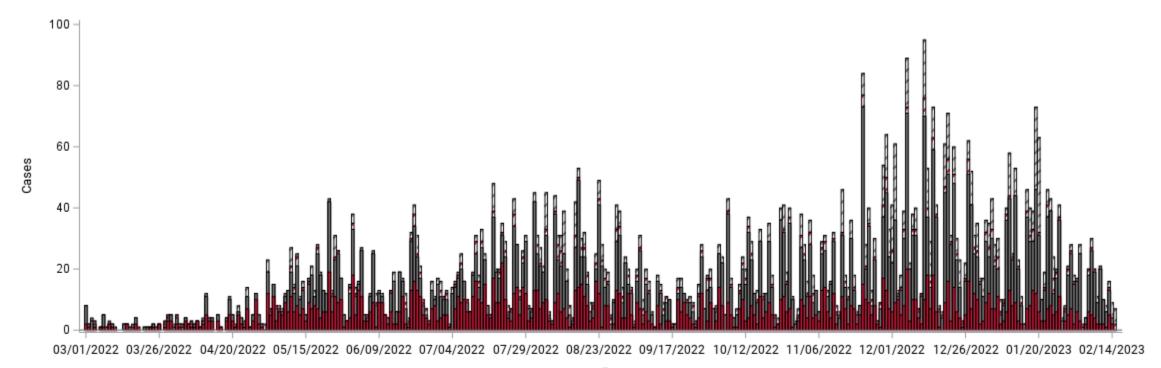
- COVID-19 Epidemiology
- COVID-19 Reminders, Updates, and FAQs
- Project Firstline
- MDRO 101
- Questions & Answers

Chicago Dashboard





** SNF COVID-19 Cases (Mar. 1, 2022 – Feb. 15, 2023)



Specimen Collection Date

Not Fully Vaccinated Resident // Not Fully Vaccinated Staff | Fully Vaccinated Resident | Fully Vaccinated Staff

Data Sources: INEDSS (Illinois state) and REDCap (facility self report)

A fully vaccinated case occurs when the positive test specimen was collected at least 14 days after the individual completed their COVID vaccination Fully vaccinated cases may be underestimated due to delayed reporting

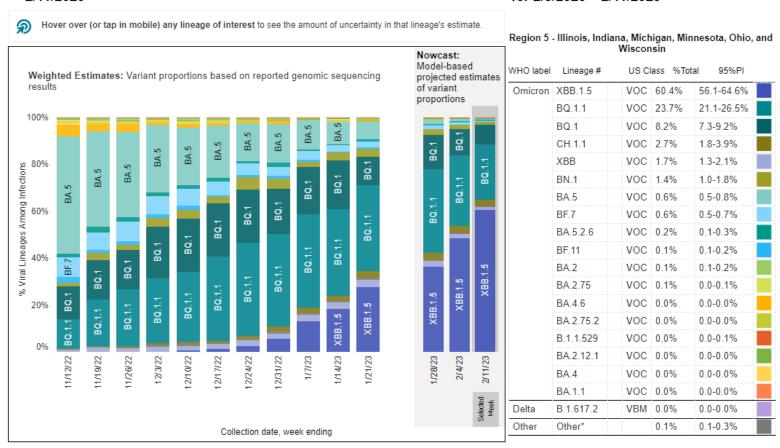
54 (68%) SNFs have active outbreaks

COVID-19 Variant Proportions



Weighted and Nowcast Estimates in HHS Region 5 for Weeks of 11/6/2022 – 2/11/2023

Nowcast Estimates in HHS Region 5 for 2/5/2023 – 2/11/2023



^{*} Enumerated lineages are US VOC and lineages circulating above 1% nationally in at least one week period. "Other" represents the aggregation of lineages which are circulating <1% nationally during all weeks displayed.

[#] BA.1, BA.3 and their sublineages (except BA.1.1 and its sublineages) are aggregated with B.1.1.529. Except BA.2.12.1, BA.2.75, XBB and their sublineages, BA.2 sublineages are aggregated with BA.2. Except BA.2.75. Lineages of BA.4 are aggregated to BA.4. Except BF.7, BF.11, BA.5.2.6, BQ.1 and BQ.1.1, sublineages of BA.5 are aggregated to BA.5. Except XBB.1.5, sublineages of XBB are aggregated to XBB. For all the other lineages listed, their sublineages are aggregated to the listed parental lineages respectively. Previously, CH.1.1 was aggregated to BA.2.75. Lineages BA.2.75.2, XBB, XBB.1.5, BN.1, BA.4.6, BF.7, BF.11, BA.5.2.6 and BQ.1.1 contain the spike substitution R346T.



Reminder: CDC COVID Data Tracker

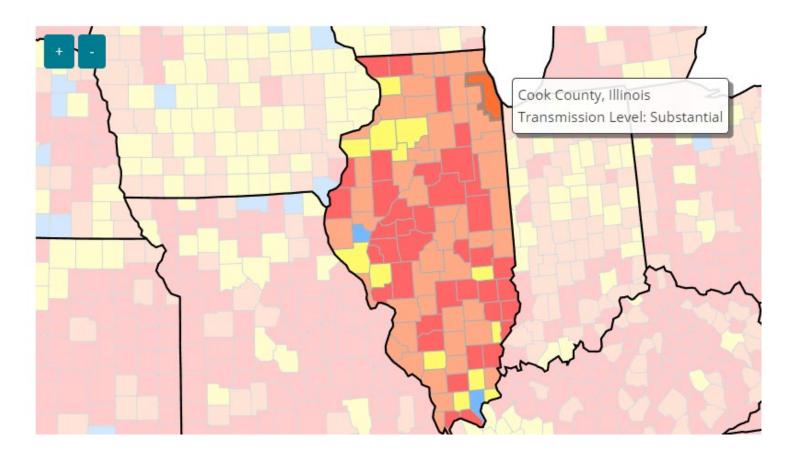
Indicator - If the two indicators suggest different transmission levels, the higher level is selected	Low Transmission Blue	Moderate Transmission Yellow	Substantial Transmission Orange	High Transmission Red
Total new cases per 100,000 persons in the past 7 days	0-9.99	10-49.99	50-99.99	≥100
Percentage of NAATs ¹ that are positive during the past 7 days	0-4.99%	5-7.99%	8-9.99%	≥10.0%

Note: Community transmission levels will now be updated weekly

CDC COVID Data Tracker: Cook County

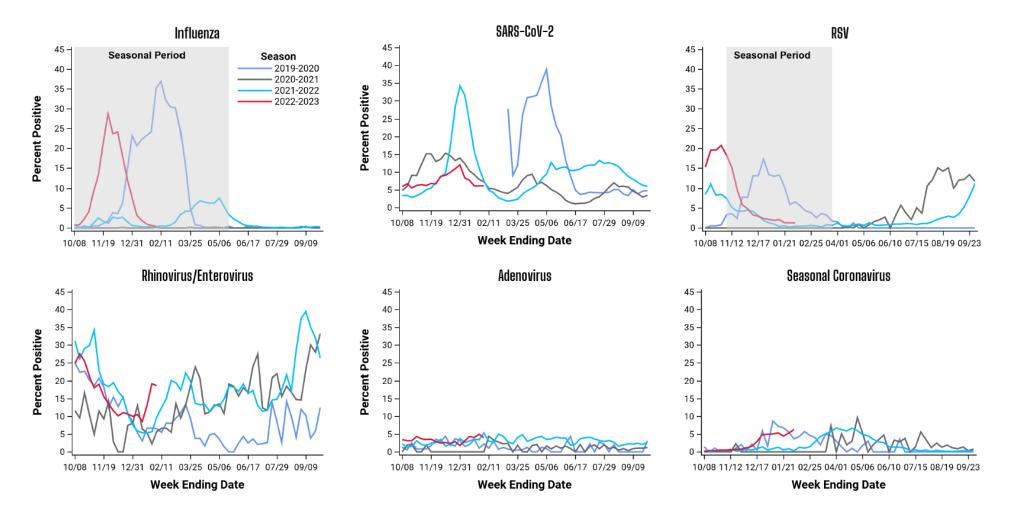


Data Type:		Map Metric:
Community Transmission	~	Community Transmission





Chicago Respiratory Virus Surveillance Report – Seasonal Trends





Chicago Respiratory Virus Surveillance Report

	Week Ending February 4, 2023		Since October 2, 2022	
Respiratory Pathogen	# Tested	% Positive	# Tested	% Positive
Influenza*	4,581	0.4	106,949	11.3
RSV*	3,422	1.2	81,701	7.7
SARS-CoV-2*	5,122	6.1	134,112	7.5
Parainfluenza	1,471	1.3	31,750	2.9
Rhinovirus/Enterovirus	1,006	18.7	22,583	16.0
Adenovirus	1,006	4.0	22,286	3.3
Human Metapneumovirus	1,006	4.7	22,673	1.2
Seasonal Coronaviruses [†]	1,470	6.3	32,199	2.4

^{*}Represents both dualplex and multiplex PCR data. All other data represents only multiplex panels that include the specified pathogens;† Four seasonal coronavirus strains include 229E, NL63, OC43, and HKU1.



Reminder: Minimum Routine Staff Testing Frequency

Vaccination Status	Community Transmission Level	Testing Frequency
Not up to date	A11	No required routine testing*
Up to date**	A11	No required routine testing*

^{*} Unless symptomatic, had a high-risk exposure, or your facility is in outbreak and performing unit/broad-based testing.

^{**} An individual has received all COVID-19 vaccinations for which they are eligible

Reminder: Minimum Routine <u>Resident</u> Testing Frequency

Vaccination Status	Community Transmission Level	Routine Testing Frequency
Not up to date*	A11	No required routine testing**
Up to date*	A11	No required routine testing**
New and readmissions, regardless of vaccination status	Low, Moderate, Substantial	No required routine testing**
New and readmissions, regardless of vaccination status***	High	Upon admission, 48 hours after 1st negative test, 48 hours after 2nd negative test (i.e., days 0, 2, 4)

^{*}Excluding new/readmissions when community transmission is high

^{**}Unless symptomatic, following a high-risk exposure, or your facility is in outbreak and performing broad-based testing.

^{***}Unless COVID+ within the prior 30 days



X Outbreak Support Interest

If CDPH was able to provide temporary onsite outbreakrelated support (e.g., assistance maintaining line lists, reporting cases, advising on infection prevention/control measures) would that be helpful?



X Air Sampling Pilot – Can you participate?

- We are looking for one SNF to participate in the 2-month pilot program
- What does participation require?
 - Host an air sampler at your SNF and exchange cartridges twice a week
 - Send cartridges via courier once a week the first 2 weeks
 - Give us any feedback about sound, cartridge exchange, acceptability, anything!



We will:

- Pick up cartridges for the last 6 weeks of the pilot
- Provided that data collection and testing is successful, we will provide a data summary at the completion of the pilot

We will NOT:

- Ask you to change any infection control processes. This is only a pilot not tied to regulation.
- Test for anything but SARS-CoV-2



X New National Forum for LTC IPs

- The American Healthcare Association (ACHA) and the Association for Professionals in Infection Prevention and Control (APIC) are setting up a forum for LTC IPs and IPC champions to:
 - Rapidly disseminate updates, tools, and resources
 - Foster collaboration
 - Share experiences between IPs
- If you are interested in participating, complete this brief survey.



CDPH Project Firstline

Alison VanDine, MPH
Infection Prevention Specialist | Project Firstline Lead







***** What is Project Firstline?

WHAT IS PROJECT FIRSTLINE?

- The Chicago Department of Public Health is proud to be a partner of Project Firstline, the CDC's National Training Collaborative for Healthcare Infection Control.
- Together, we are providing engaging and effective infection prevention and control (IPC) training for the frontline healthcare workforce.

CONTACT OUR TEAM!

- Our PFL-Chicago Team is available to answer your IPC questions, schedule onsite trainings (earn CEU credits), direct you to free CDC educational materials, and more!
- Visit our <u>HAN page</u> or contact us at projectfirstline@cityofchicago.org to learn more.







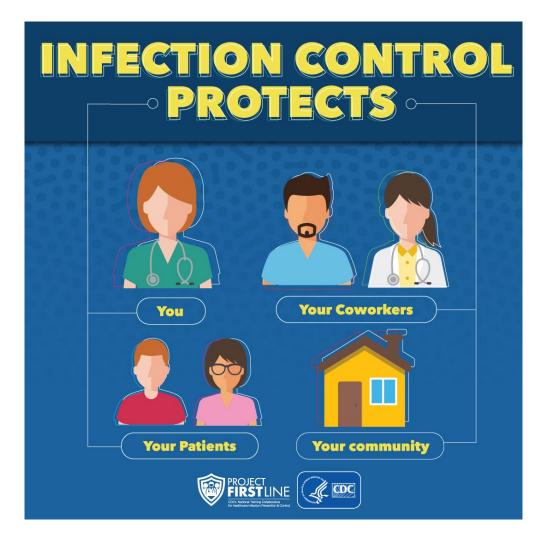


X New SNF IPC Resources - EBP

- November 15, 2022, Continuing Education Webinar: Implementation and Use of **Enhanced Barrier Precautions in Nursing Homes**
 - Webpage: https://www.cdc.gov/infectioncontrol/training/safe-healthcare-webinars.html#Webinar-EBPinNH
 - Video: https://www.youtube.com/watch?v=WD87c4PP6pE&list=PLvrp9iOILTQayOi5lgk08QDgv3GHROtCf&index=24
 - Sides: https://www.cdc.gov/infectioncontrol/pdf/webinarslides/Webinar-EBPinNH-Nov2022-Slides-508.pdf
- Pre-Implementation Tool Enhanced Barrier Precautions:
 - https://www.cdc.gov/hai/pdfs/containment/Pre-Implementation-Tool-for-Enhanced-Barrier-Precautions-508.pdf
- Observations Tool Enhanced Barrier Precautions Implementation:
 - https://www.cdc.gov/hai/pdfs/containment/Observations-Tool-for-Enhanced-Barrier-Precautions-Implementation-508.pdf
- Observations Tool Summary Spreadsheet:
 - https://www.cdc.gov/hai/excel/containment/Spreadsheet-to-Capture-and-Summarize-EBP-Observations.xlsx
- Enhanced Barrier Precautions Letter to Nursing Home Leadership:
 - https://www.cdc.gov/hai/pdfs/containment/Enhanced-Barrier-Precautions-Letter-for-Nursing-Home-Leadership-508.pdf



X CDPH Project Firstline Newsletter



- In 2023, we will be sending Infection Prevention Essentials Newsletters.
 - These newsletters will contain tools & resources for a variety of topics to support your infection control efforts.
- Stay up to date on the latest Project Firstline resources and register today!
 - Survey Link: https://www.surveymonkey.com/r/ 5GXVJWK









Multi Drug Resistant Organisms

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Hira Adil, MBBS, MPH, CIC
Infection Prevention Specialist

🗼 Overview

- Overview of Multi-Drug Resistant Organisms (MDROs)
- What is reportable in IL/Chicago?
- How do you report cases?
 - XDRO
 - I-NEDSS
- Examples
- Q&A

What is "MDRO"?

- Multi-drug resistant organism
- Typically includes the following:
 - Candida auris (C. auris)
 - Carbapenem-resistant Enterobacterales (CRE)
 - Carbapenem-resistant Acinetobacter baumannii (CRAB)
 - Carbapenem-resistant Pseudomonas aeruginosa (CRPA)





Candida auris (C. auris) is an emerging multidrug-resistant yeast (a type of fungus). It can cause severe infections and spreads easily between hospitalized patients and nursing home residents.

WHAT YOU NEED TO KNOW

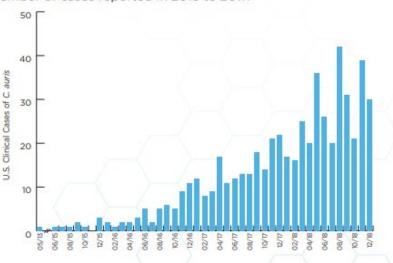
- C. auris, first identified in 2009 in Asia, has quickly become a cause of severe infections around the world.
- C. auris is a concerning drug-resistant fungus:
 - Often multidrug-resistant, with some strains (types) resistant to all three available classes of antifungals
 - Can cause outbreaks in healthcare facilities
 - Some common healthcare disinfectants are less effective at eliminating it
 - Can be carried on patients' skin without causing infection, allowing spread to others

Data represents U.S. cases only. Isolates are pure samples of a germ.



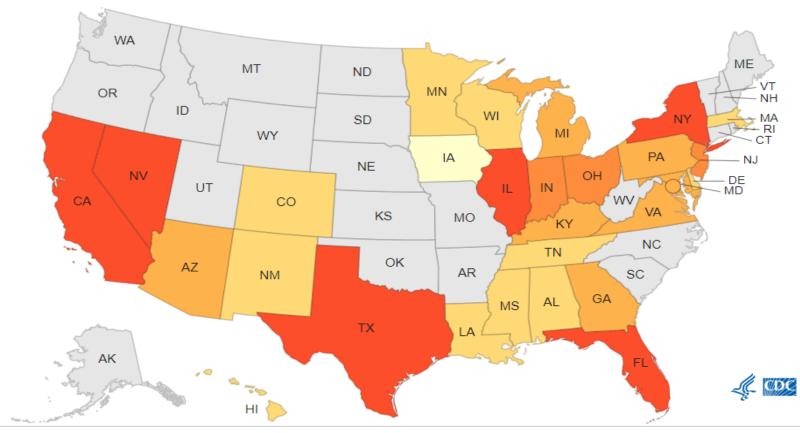
CASES OVER TIME

C. auris began spreading in the United States in 2015. Reported cases increased 318% in 2018 when compared to the average number of cases reported in 2015 to 2017.



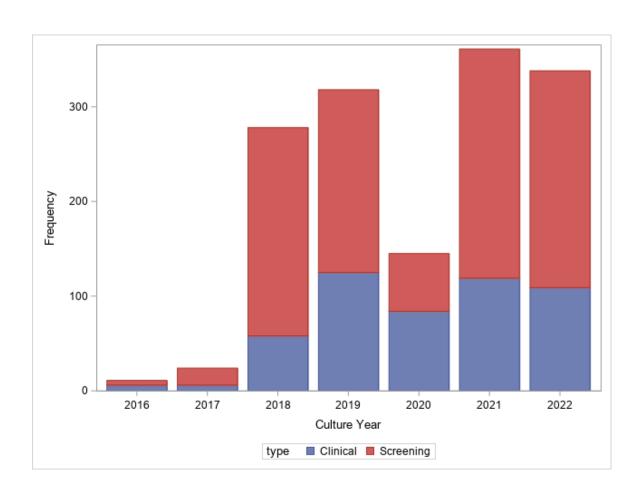
Reported clinical cases of Candida auris Jan 2022- December 31, 2022







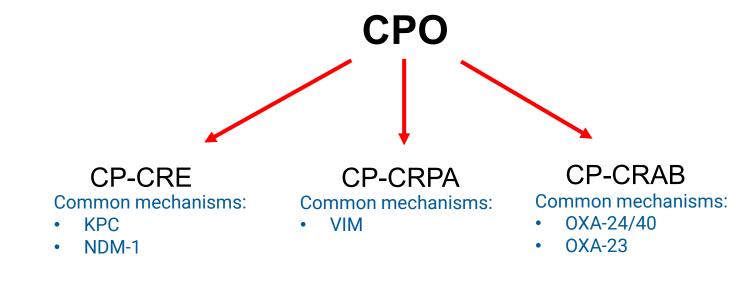
\star C. auris cases in Chicago by specimen type, 2016–2022





Carbapenemase-Producing Organisms (CPOs)

- CRE, CRPA and CRAB can produce carbapenemases
- In Chicago, we routinely track the following mechanisms of resistance:
 - KPC
 - NDM-1
 - VIM
 - IMP
 - OXA-28
 - OXA-24/40
 - OXA-23







THREAT LEVEL URGENT



13,100 Estimated cases in hospitalized patients in 2017





130M stimated attributable lealthcare costs in 2017

Carbapenem-resistant Enterobacteriaceae (CRE) are a major concern for patients in healthcare facilities. Some bacteria in this family are resistant to nearly all antibiotics, leaving more toxic or less effective treatment options.

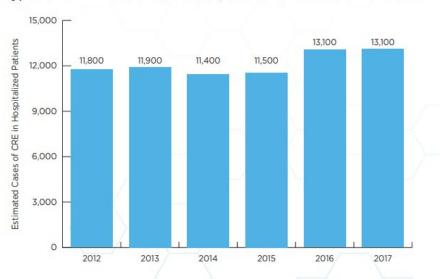
WHAT YOU NEED TO KNOW

- Patients who require devices (e.g., catheters) and patients taking long courses of some antibiotics are most at risk for CRE infections.
- CRE can carry mobile genetic elements that are easily shared between bacteria. Approximately 30% of CRE carry a mobile genetic element that can make an enzyme, which makes carbapenem antibiotics ineffective and rapidly spreads resistance that destroys these important drugs.
- Preventing CRE infections and containing the spread of carbapenem resistance is important to protect people.

U.S. Department of Health and Human Services Centers for Disease Control and Prevention

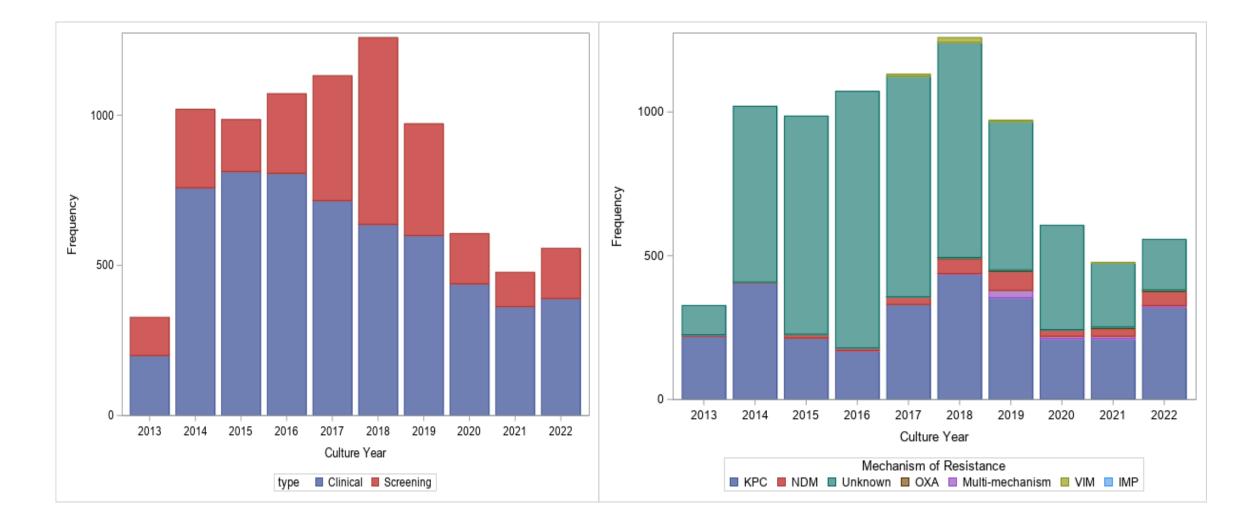
CASES OVER TIME

Containment strategies have prevented further spread of some types of CRE in the United States, but continued action is needed.





CRE cases in Chicago by specimen type and mechanism of resistance, 2013-2022





Carbapenem Resistant Acinetobacter Baumanii (CRAB):

- Can cause pneumonia, wound, bloodstream, and urinary tract infections
- Can survive for long periods on environmental surfaces
- Carries mobile genetic elements that are easily shared between bacteria
- Some are resistant to all antibiotics



These germs are public health threats that require urgent and aggressive action



CDC's Antibiotic Resistance Threats in the United States, 2019



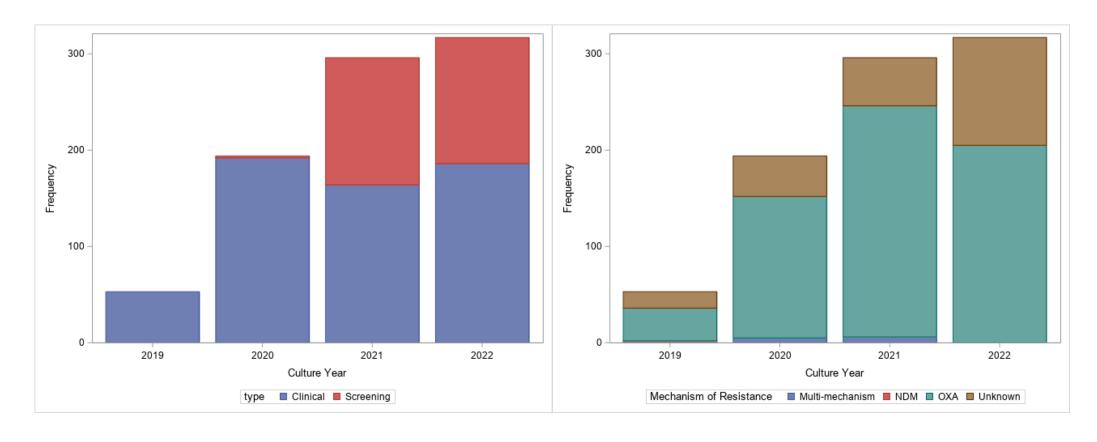
CRAB Pilot Surveillance began in Illinois in July 2019

3 reference labs and 12 hospital labs* Sentinel labs send CRAB isolates to Wisconsin Antimicrobial Resistance Lab Network (ARLN) for mechanism testing IDPH sends results to facility and inputs into XDRO If an organism or a cluster is identified, IDPH contacts the LHD to organize a response

^{*}Outside of the pilot surveillance system, CRAB reporting is not mandatory.



CRAB cases in Chicago by specimen type and mechanism of resistance, 2019-2022





MULTIDRUG-RESISTANT PSEUDOMONAS AERUGINOSA

THREAT LEVEL SERIOUS



32,600 Estimated cases in hospitalized patients in 2017





\$767M Estimated attributable

Pseudomonas aeruginosa (P. aeruginosa) causes many types of healthcare-associated infections, including pneumonia, bloodstream infections, urinary tract infections, and surgical site infections.

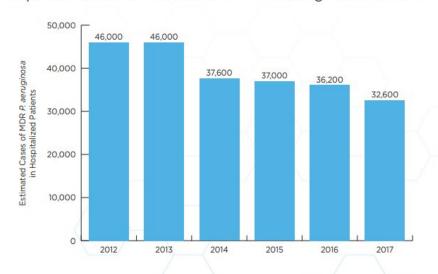
WHAT YOU NEED TO KNOW

- P. aeruginosa infections usually occur in people in the hospital or with weakened immune systems.
 It is particularly dangerous for patients with chronic lung diseases.
- Some types of multidrug-resistant (MDR) P. aeruginosa are resistant to nearly all antibiotics, including carbapenems.
- Two to 3% of carbapenem-resistant *P. aeruginosa* carry a mobile genetic element that makes a carbapenemase enzyme. This enzyme makes carbapenem antibiotics ineffective. Mobile genetic elements are easily shared between bacteria, rapidly spreading resistance that destroys these important drugs.

U.S. Department of Health and Human Services Centers for Disease Control and Prevention

CASES OVER TIME

Continued infection control and appropriate antibiotic use are important to maintain decreases in MDR *P. aeruginosa* infections.

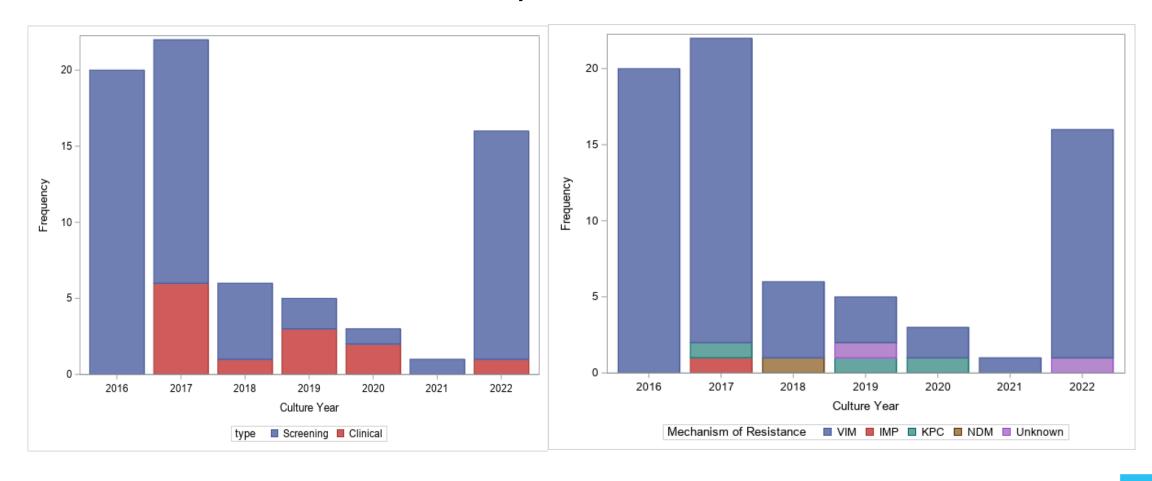


CP-CRPA Reporting in IL

- Not currently a mandatory reportable in IL, yet
- If a mechanism is identified(CP-CRPA), it should be added to the XDRO registry and INEDSS
 - CDPH will enter into XDRO Registry
 - CDPH will contact the facility to request a CRF be completed in INEDSS
- VIM-GES-CRPA Outbreak
 - Multi-state cluster of VIM-CRPA
 - May 2022 Present
 - 56 isolates from 50 case patients in 11 states (Illinois is not included)
 - Associated with multiple different infection types
 - Infections linked to EzriCare Artificial Tears
 - Clinical labs that identify any CRPA from ocular specimen OR VIM-CRPA from any specimen source should submit isolate to IDPH
 - IDPH will send to WI for whole genome sequencing to determine if it is VIM-GES



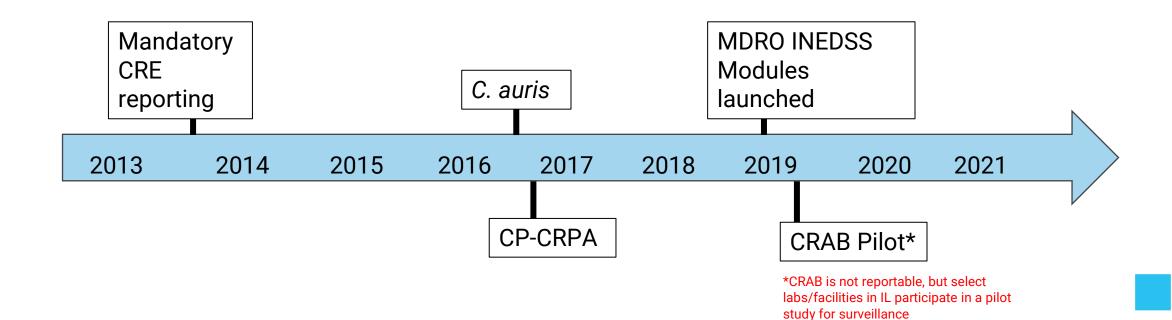
CP-CRPA cases in Chicago by specimen type and mechanism of resistance, 2016-2022





Reporting MDROs in Chicago

- MDROs are reported to the XDRO Registry
 - Facilities report CRE
 - Public health reports C. auris, CP-CRPA and CRAB on behalf of facilities





What's Reportable & How in Illinois

Disease	Mandatory Reportable?	How?
Carbapenem-resistant Enterobacterales	Yes , since 2013. 77 IL <u>adm</u> code 690.1500-1540	Labs/facilities enter reports directly into XDRO registry. INEDSS used for non-KPC CRE investigations.
Candida <u>auris</u>	Yes, since 2016. 77 IL adm code 690.295, 'Unusual Case'	Labs/facilities enter into INEDSS. IDPH enters into XDRO registry.
Carbapenemase-producing Pseudomonas aeruginosa (only if mechanism of resistance detected)	No. Most often identified through point prevalence surveys (PPS).	LHD notifies IDPH, IDPH enters into XDRO registry.
Carbapenem-resistant Acinetobacter baumannii	No. IDPH-led pilot surveillance since 2019. May also be identified through PPS's.	IDPH enters labs from pilot surveillance or PPS's into XDRO.

Slide developed by IDPH

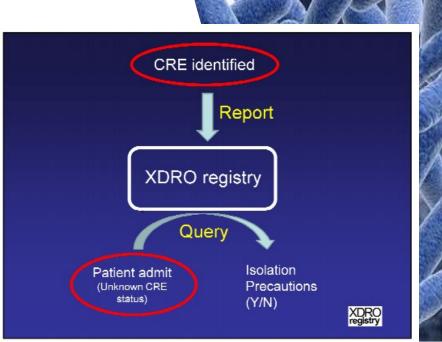


Extensively Drug-Resistant Organism (XDRO) Registry

Extensively drug resistant organism registry

- The Extensively Drug Resistant Organism (XDRO) Registry was created by the collaboration of the Illinois Department of Public Health, Medical Research Analytics and Informatics Alliance, and the Chicago CDC Prevention Epicenter
- The purpose of the XDRO registry is to improve MDRO surveillance and to facilitate inter-facility communication





registry



Facilities must report the first CRE-positive per patient stay to XDRO

Reporting Rule

Starting November 1, 2013, the **first CRE-positive culture per patient stay** must be reported to the XDRO registry.

CRE definition

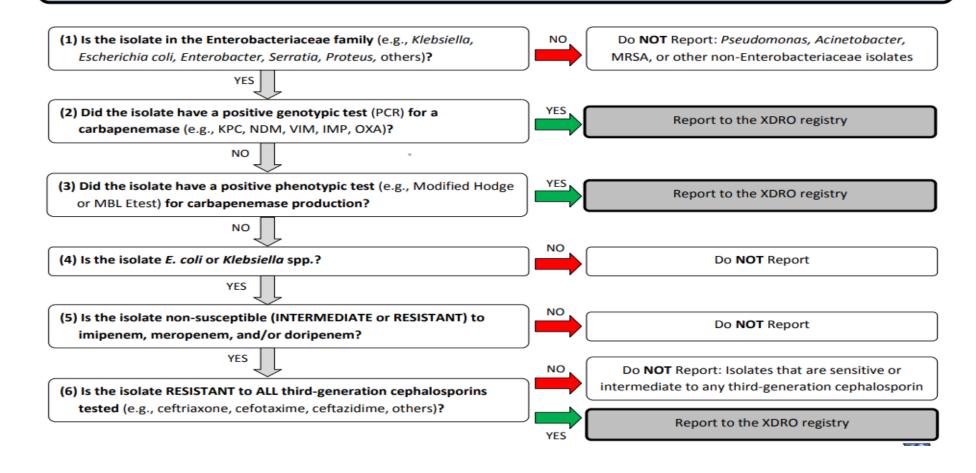
Enterobacterales (e.g., E. coli, Klebsiella species, Enterobacter species, Proteus species, Citrobacter species, Serratia species, Morganella species, or Providentia species) with one of the following laboratory test results:

- 1. Molecular test (e.g., polymerase chain reaction [PCR]) specific for carbapenemase;
- 2. Phenotypic test (e.g., Modified Hodge) specific for carbapenemase production;
- 3. For E. coli and Klebsiella species only (excluding K. aerogenes): non-susceptible (intermediate or resistant) to ONE of the following carbapenems (doripenem, meropenem, or imipenem) AND resistant to ALL of the following third generation cephalosporins tested (ceftriaxone, cefotaxime, and ceftazidime). <u>Note: ignore ertapenem for this definition.</u>

Consult with your microbiology laboratory regarding which CRE tests are available. For some laboratories, only #3 will be available.



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



XDRO FAQ's

 A laboratory will report CRE on my facility's behalf. Does my facility still need access to the registry?

Healthcare facilities are strongly encouraged to sign up for access, even if a laboratory is reporting on their behalf, so they can search the registry for CRE-positive patients. If a laboratory is reporting CRE on your facility's behalf, you must let the Illinois Department of Public Health know at DPH.XDROregistry@illinois.gov.

I have CRE to report, but do not have access to the registry yet. What should I do?

While waiting for access, you can send an email to DPH.XDROregistry@Illinois.gov to document that you are trying to report CRE in compliance with the law, but do not have access to the XDRO registry yet. Please do not include any patient identifiers in your email. Once you obtain access, you must report the CRE event to the registry.



C. auris, CP-CRPA and CRAB can be reported to I-NEDSS or by encrypted email or fax

- I-NEDSS contains modules for each MDRO
- Report all C. auris cases to I-NEDSS
 - IDPH/CDPH will enter cases into XDRO on behalf of the facility
- If you do not have access to I-NEDSS, please let CDPH know
 - In the meantime:
 - Email lab results via encrypted email to Kelly Walblay (Kelly.Walblay@cityofchicago.org) OR
 - Fax lab results to Kelly Walblay at (312) 746-6388
- Although not yet reportable in IL, can report CP-CRPA and CP-CRAB to I-NEDSS as well



X Case report forms may be requested for select MDROs

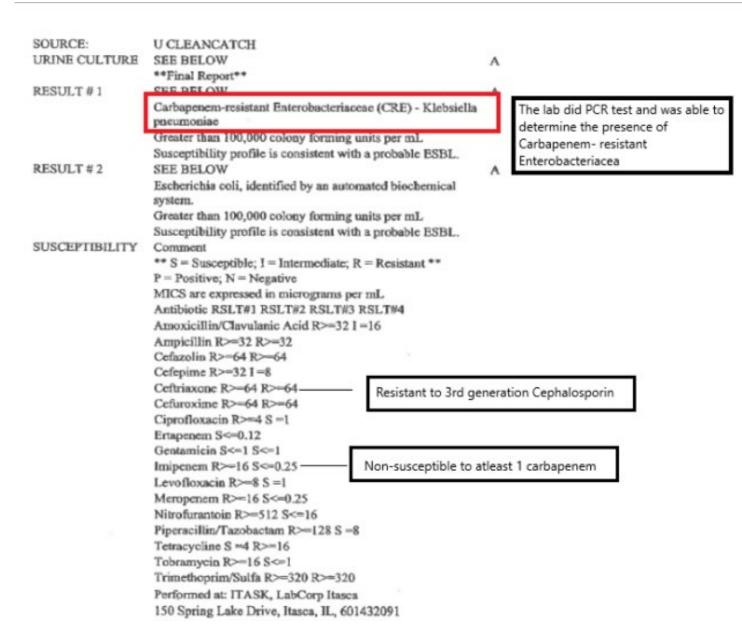
- In order for CDPH to collect epidemiologic data on certain MDROs, we ask facilities to complete case report forms (CRFs) as part of public health investigation and response
- CRFs contain info on demographics, invasive devices, type of care received, previous healthcare stays and medications
- CDPH currently collects CRFs for the following:
 - Non-KPC CRE
 - CP-CRPA
 - Clinical C. auris
- CDPH will reach out to facilities when a CRF is needed
- CRFs can be completed through REDCap: https://redcap.link/MDROcasereportform



Examples

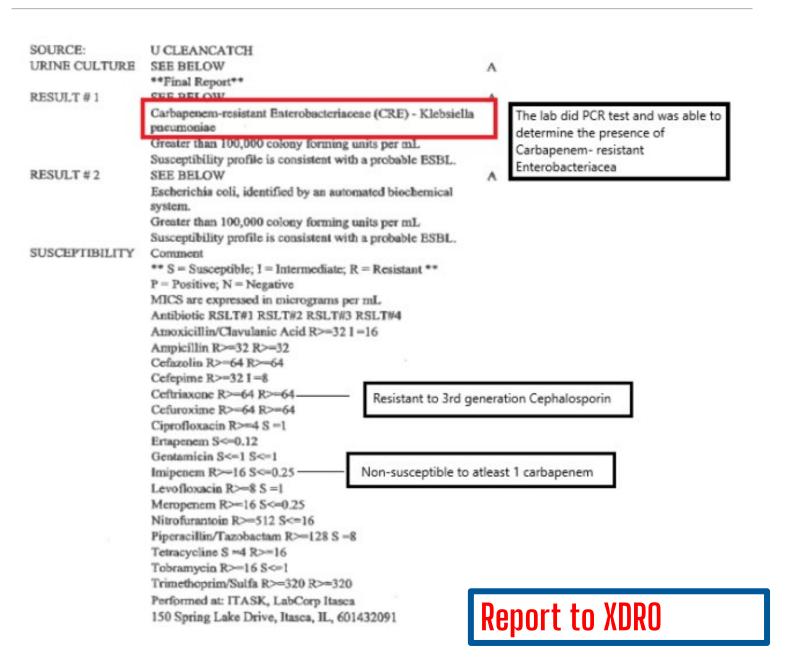


Example 1:





Example 1:



Example 2:

1. KLEBSIELLA PNEUMONIAE URN NEG PANEL 1 Ent: Target Route Dose	06/11-0156 RX AE	Cost M.I.C.	10	NP
AMOXICILLIN/CLA	S	<=2		
AMPICILLIN	R	16		
AMPICILLIN/SULB	S	4		
CEFTRIAXONE	S	<=1		
CEFEPIME	S	<=1		
CEFAZOLIN	NR	<=4		
CIPROFLOXACIN ERTAPENEM GENTAMICIN IMIPENEM LEVOFLOXACIN NITROFURANTOIN PIPERACILLIN/TA	S S S S S S S S S S S S S S S S S S S	<=0.25 <=0.5 <=1 <=0.25 <=0.12 64 <=4		
TOBRAMYCIN TRIMETHOPRIM/SU	S	<=1 <=20		

Example 2:

1. KLEBSIELLA PNEUMONIAE URN NEG PANEL 1 Ent: Target Route Dose	06/11-0156 IN RX AB	Cost M.I.C.	IO	NP
AMOXICILLIN/CLA	S	<=2		
AMPICILLIN	R	16		
AMPICILLIN/SULB	S	4		
CEFTRIAXONE	S	<=1		
CEFEPIME	S	<=1		
CEFAZOLIN	NR	<=4		
CIPROFLOXACIN ERTAPENEM GENTAMICIN IMIPENEM LEVOFLOXACIN NITROFURANTOIN PIPERACILLIN/TA TOBRAMYCIN TRIMETHOPRIM/SU	S S S S S S S S S S S S S S S S S S S	<=0.25 <=0.5 <=1 <=0.25 <=0.12 64 <=4 <=1 <=20		

Do *NOT* Report to XDRO

Example 4:

SPECIMEN DESCRIPTION: BLOOD

GRAM SMEAR: YEAST

GRAM SMEAR: (CRITICAL/ALERT VALUE)

GRAM SMEAR: CALLED TO, READ BACK AND CONFIRMED TO

(RN) ON 11/6/18 AT 2347 BY

CULTURE: CANDIDA AURIS NOTE:

CULTURE: implement contact precautions as soon as possible per infection prevention policy. CULTURE: this susceptibility report provides only quantitative mic results. there are no CULTURE: clsi criteria for interpretation.

CULTURE: CALLED TO, READ BACK AND CONFIRMED [CANDIDA AURIS] BY

CULTURE: RN) AT 2015 ON 11/8/18 TO FML9240.

REPORT STATUS: FINAL 11/11/2018

Example 4:

SPECIMEN DESCRIPTION: BLOOD

GRAM SMEAR: YEAST

GRAM SMEAR: (CRITICAL/ALERT VALUE)

GRAM SMEAR: CALLED TO, READ BACK AND CONFIRMED TO

(RN) ON 11/6/18 AT 2347 BY

CULTURE: CANDIDA AURIS NOTE:

CULTURE: implement contact precautions as soon as possible per infection prevention policy. CULTURE: this susceptibility report provides only quantitative mic results. there are no CULTURE: clsi criteria for interpretation.

CULTURE: CALLED TO, READ BACK AND CONFIRMED [CANDIDA AURIS] BY

CULTURE: RN) AT 2015 ON 11/8/18 TO FML9240.

REPORT STATUS: FINAL 11/11/2018

Report to CDPH

(Only IDPH can report *C. auris* to *XDRO*)

Example: 5

Microbiology***** Urine Culture Final 1st Report: Greater than 100,000 CFU/ML Gram-negative bacilli Identification and susceptibility in progress 2nd Raport: . 1414 Gram-negative bacilli identified as *CRE Klabsiella pneumoniae Carba-R FCR results: IMP Not Detacted MIV Not Detected иди Not Detected KPC Not Detected QXA48 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.

Example: 5

Microbiology**** Urine Culture Final 1st Report: Greater than 100,000 CFU/mL Gram-negative bacilli Identification and susceptibility in progress 2nd Raport: , 1414 Gram-negative bacilli identified as *CRE Klabsiella pneumoniae Carba-R FCR results: IMP Not Detacted MIV Not Detected иди Not Detected KPC Not Detected QXA48 Detected This aseay 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.

• Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/27:

 Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/27: add to XDRO

- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/27: add to XDRO
- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/28:

- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/27: add to XDRO
- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/28:
 no need to add to XDRO

- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/27: add to XDRO
- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/28:
 no need to add to XDRO
- The patient was discharged and re-admitted on 07/01 and had another CRE positive culture on new admission :

- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/27: add to XDRO
- Patient had a CRE positive (meeting the reporting requirement) urine culture on 06/28:
 no need to add to XDRO
- The patient was discharged and re-admitted on 07/01 and had another CRE positive culture on new admission : add to XDRO

If a patient has two separate facility admissions and has a positive CRE culture on each admission, both events should be reported.

Query Example:

- A patient is admitted to your facility with an unknown status:
- ✓ Query XDRO: Previous record of CRE from 2019 : place the patient on isolation precautions.
- ✓ If subsequent positive cultures are identified on this encounter add them to XDRO (1st CRE event per patient per healthcare facility encounter).



Questions & Answers

For additional resources and upcoming events, please visit the CDPH LTCF HAN page at:

https://www.chicagohan.org/covid-19/LTCF