Carbapenem-resistant *Enterobacterales* and *Candida auris*Public Health Surveillance Report

TY OF PHILADELPHIA October—December 2023

Carbapenem-resistant Enterobacterales (CRE): October—December 2023

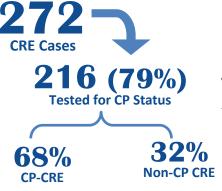
Carbapenemase-Producing (CP) Status of Confirmed Cases							
CP-CRE	42 (59%)						
Non-CP CRE	11 (16%)						
CP Status Pending/ Not Tested	18 (25%)						
Total Confirmed CRE Cases	71						

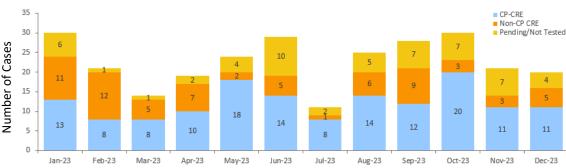
CP testing capabilities of 15 clinical laboratories in Philadelphia						
Detection Method	n (%)					
Carba NP, Modified Hodge, or other phenotypic testing only	2 (13)					
PCR or other genotypic testing	4 (27)					
No regular CP testing	9 (60)					

CRE Counts, by Genus Species and Mechanism (n=71)										
Genus Species	Total CRE n (%)		Total CP-CRE	КРС	NDM	OXA-48	IMP	VIM		
Klebsiella pneumoniae	33 (47)		22	17	3	4				
Escherichia coli	14 (20)		10	1	9					
Enterobacter aerogenes	4 (6)			•						
Enterobacter cloacae	4 (6)		1	1						
Klebsiella oxytoca	4 (6)		4	3		1	1			
Other Enterobacteriaceae	4 (6)		1	1						
Other Citrobacter Spp.	2 (3)		1	1						
Citrobacter koseri	1 (1)									
Klebsiella variicola	1 (1)									
- Morganella morganii	1 (1)		1	1						
_ Proteus mirabilis	1 (1)		1	1	1					
Providencia Spp.	1 (1)		1		1					
Serratia marcescens	1 (1)									
Total	71		42 ¹	26	14	5	1	0		

¹not all isolates sent for mechanism testing, some isolates have more than one mechanism

CRE Cases, by Carbapenemase-Producing (CP) Status: January 2023—December 2023

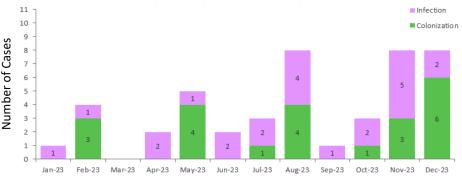




Candida auris Report: January 2023—December 2023

Candida auris Cases in Philadelphia by Month/Year Colonization = 22

Infection = 23



Candida auris continues to be an emerging threat in the southeastern PA and Philadelphia regions. The first *C. auris* case in PA was reported in March 2020 and since then, cases of both infection and colonization continue to rise. The majority of colonization cases appear in local healthcare facility clusters. For more information, see the joint PDPH AND PADOH Health Alert or the *C. auris* webpage on the PDPH Health Information Portal.

Suspected or confirmed cases of *C. auris* should be reported to PDPH by calling 215-685-6748 within 24 hours. Complete the <u>Candida auris Report Form</u> and fax to 215-238-6947 <u>after reporting the case by phone</u>.