Carbapenem-resistant Enterobacterales and Candida auris Public Health Surveillance Report

OF PHILADELPHIA

October-December 2022

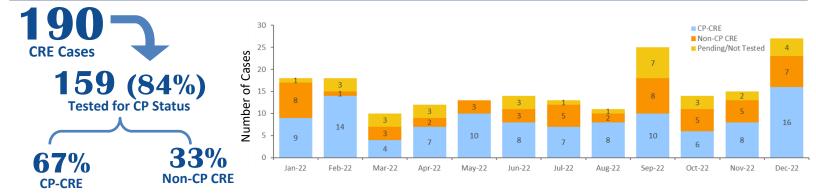
Carbapenem-resistant Enterobacterales (CRE): October-December 2022

Carbapenemase-Producing (CP) Status of Confirmed Cases							
CP-CRE	30 (54%)						
Non-CP CRE	17 (30	17 (30%)					
CP Status Pending/ Not Tested	9 (169	%)					
Total Confirmed CRE Cases	56						
CP testing capabilities of 15 clinical laboratories in Philadelphia							
Detection Method	n (%)						
Carba NP, Modified other phenotypic test	2 (13)						
PCR or other genotypic testing 4 (27)							
No regular CP testing	9 (60)						

CRE Counts, by Genus Species and Mechanism (n=56)										
Genus Species	Total CRE n (%)		Total CP-CRE	КРС	NDM	OXA-48	IMP	VIM		
Klebsiella pneumoniae	29 (52)		19	16	4	2				
Enterobacter cloacae	13 (23)		3	3						
Escherichia coli	12 (21)		7	3	3	1				
Citrobacter koseri	1 (2)		1	1						
Enterobacter aerogenes	1 (2)		0							
Total	56		30 ¹	23	7	3	0	0		
¹ not all isolates sent for mechanism testing, some isolates have more than one mechanism										

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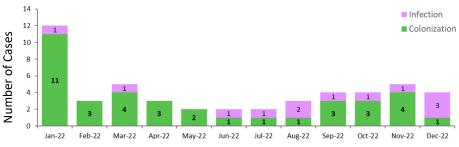
CRE Cases, by Carbapenemase-Producing (CP) Status: January 2022—December 2022



Candida auris Report: January 2022—December 2022

Candida auris Cases in Philadelphia by Month/Year

Colonization = 37 Infection = 12



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 <u>PDPH AND</u> <u>PADOH Health Alert</u> or the <u>C. auris</u> webpage on the PDPH <u>Health Information Portal.</u>

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</u> <u>reporting the case by phone</u>.