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

July—September 2023

Carbapenem-resistant Enterobacterales (CRE): July—September 2023

Carbapenemase-Producing (CP) Status of Confirmed Cases								
CP-CRE	30 (48%)							
Non-CP CRE	16 (26%)							
CP Status Pending/ Not Tested	16 (26%)							
Total Confirmed CRE Cases	62							

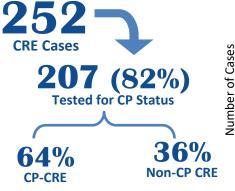
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CP testing capabilities of 15 clinical laboratories in Philadelphia							
Detection Method	n (%)						
Carba NP, Modified Hodge, or other phenotypic testing only	2 (13)						
PCR or other genotypic testing	4 (27)						
No regular CP testing	9 (60)						

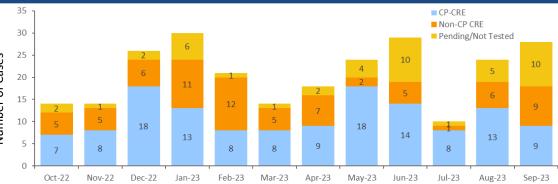
CRE Counts, by Genus Species and Mechanism (n=62)										
Genus Species	Total CRE n (%)		Total CP-CRE	КРС	NDM	OXA-48	IMP	VIM		
Klebsiella pneumoniae	23 (37)		10	7	3	1				
Enterobacter cloacae	13 (21)		2	1	1					
Escherichia coli	7 (11)		6	2	3	1				
Klebsiella oxytoca	6 (10)		5	2	3					
Other Enterobacteriaceae	6 (10)		3	1	1	1				
Serratia marcescens	4 (7)		2	2						
Other Citrobacter Spp.	2 (3)		2	2						
Enterobacter aerogenes	1 (1)		•							
- Total	62		30 ¹	17	11	3	0	0		

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

CRE Cases, by Carbapenemase-Producing (CP) Status: October 2022—September 2023



Number of Cases



Candida auris Report: October 2022—September 2023

Candida auris Cases in Philadelphia by Month/Year

Colonization = 20 Infection = 18 Infection ■ Colonization 5 4 3 Jan-23 Feb-23 Mar-23 Apr-23 May-23 Jul-23 Aug-23 Sep-23 Nov-22

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>.