

Carbapenem-resistant *Enterobacteriaceae* and *Candida auris*

Surveillance Report

October - December, 2020

Carbapenem-resistant *Enterobacteriaceae* (CRE): October—December, 2020

Carbapenemase-Producing (CP) Status of Confirmed Cases

CP-CRE	30 (65%)
Non-CP CRE	8 (17%)
CP Status Pending/Not Tested	8 (17%)
Total Confirmed CRE Cases	46

Current CP testing capabilities of 14 clinical laboratories in Philadelphia

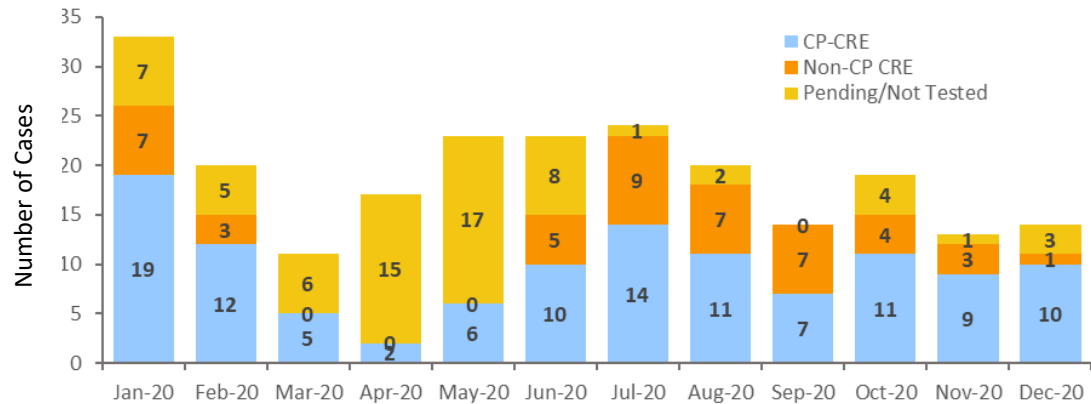
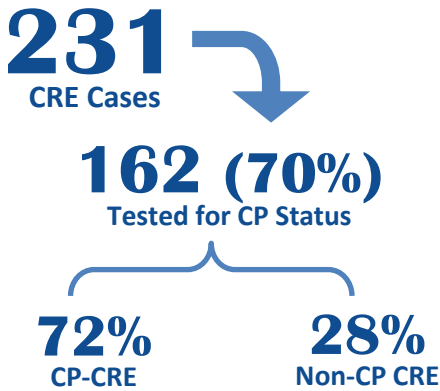
Detection Method	n (%)
Carba NP, Modified Hodge, or other phenotypic testing only	2 (14%)
PCR or other genotypic testing	3 (23%)
No regular CP testing	9 (64%)

CRE Counts¹, by Genus Species and Mechanism (n=46)

Genus Species	Total CRE n (%)	Total CP-CRE	KPC	NDM	OXA-48	IMP	VIM
<i>Klebsiella pneumoniae</i>	17 (37.0)	12	12	.	.	.	.
<i>Escherichia coli</i>	10 (21.7)	6	2	4	1	.	.
<i>Enterobacter cloacae</i>	8 (17.4)	5	3	.	.	1	.
<i>Citrobacter freundii</i>	4 (8.7)	4	4	.	.	.	.
<i>Citrobacter amalonaticus</i>	3 (6.5)	1	1	.	.	.	.
<i>Klebsiella oxytoca</i>	2 (4.4)	1	1	.	.	.	.
<i>Serratia marcescens</i>	2 (4.4)	1	1	.	.	.	.
Total	46	30	24	4	1	1	0

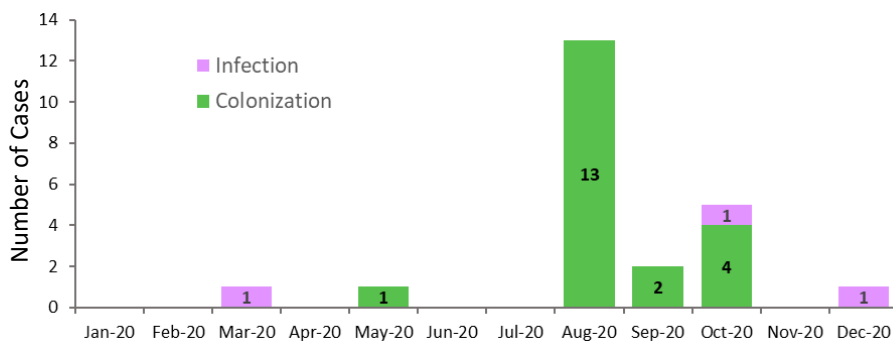
¹not all isolates sent for mechanism testing, some isolates have more than one mechanism

CRE Cases, by Carbapenemase-Producing (CP) Status: January – December, 2020



Candida auris Report

Candida auris Cases in Philadelphia by Month



Candida auris is an emerging threat in the Philadelphia region. The first *C. auris* case was reported in March 2020 in an individual who likely acquired the organism out of state, however, the cases in August and September are part of a local healthcare facility cluster. For more information, see the [joint Health Alert by PDPH and PA DOH](#) 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 [Candida auris Report Form](#) and fax to 215-238-6947 **after reporting the case by phone.**