Carbapenem-resistant *Enterobacteriaceae* and *Candida auris* Surveillance Report

January 2021- March, 2021

Department of Public Health
C I T Y   O F   P H I L A D E L P H I A

Carbapenem-resistant *Enterobacteriaceae* (CRE): January 2021—March 2021

Carbapenemase-Producing (CP) Status of Confirmed Cases

CP-CRE	34 (73.9%)
Non-CP CRE	5 (10.9%)
CP Status Pending/ Not Tested	7 (15.2%)
Total Confirmed CRE Cases	46

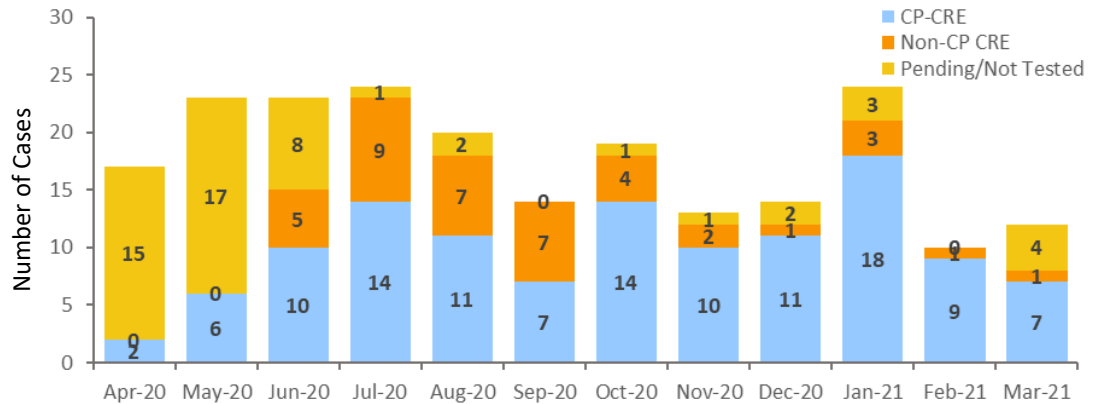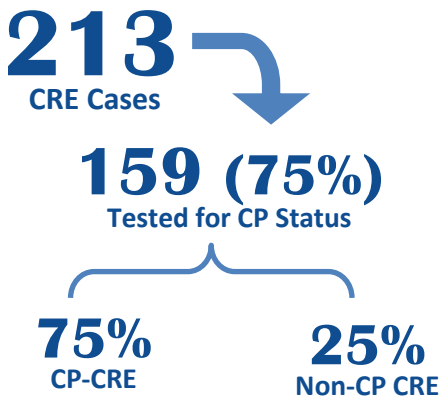### CP testing capabilities of 14 clinical laboratories in Philadelphia (as of Spring 2020)

Detection Method	n (%)
Carba NP, Modified Hodge, or other phenotypic testing only	2 (14%)
PCR or other genotypic testing	3 (22%)
No regular CP testing	9 (64%)

CRE Counts[1], by Genus Species and Mechanism (n=47)

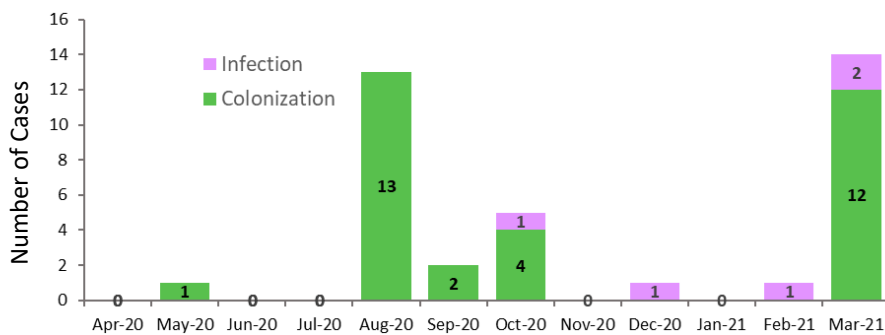| Genus Species	Total CRE n (%)	Total CP-CRE	KPC	NDM	OXA-48	IMP	VIM
Klebsiella pneumoniae	20 (43.4)	17	15	1	1	.	.
Escherichia coli	8 (17.4)	5	3	2	1	.	.
Enterobacter cloacae	10 (21.7)	6	4	1	.	.	.
Citrobacter freundii	3 (6.5)	3	2	2	.	.	.
Enterobacter aerogenes	3 (6.5)	1	1	.	.	.	.
Klebsiella oxytoca	1 (2.2)	1	1	.	.	.	.
Other Citrobacter spp.	1 (2.2)	1	1	.	.	.	.
Total	**46**	**34**	**29**	**6**	**2**	**0**	**0**

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

CRE Cases, by Carbapenemase-Producing (CP) Status: April 2020—March 2021

213
CRE Cases

159 (75%)
Tested for CP Status

75% CP-CRE   **25%** Non-CP CRE

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, September, October, and March 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**.