## **2022** Poster #P644

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## Methods

- A total of 2,185 clinical isolates were consecutively collected from patients in hematology/oncology or transplant units in 33 hospitals in all 9 US Census Divisions (shown below).
- Isolates were susceptibility tested using CLSI M11 (2018) broth microdilution methodology. Results were interpreted using CLSI M100 (2022) breakpoints.
- Carbapenem-resistant Enterobacterales (CRE) were characterized as having MIC values 4 mg/L to imipenem and/or meropenem.
- CREs were genotypically characterized for carbapenemase genes by PCR (prior to 2016) or whole genome sequencing (2016–2021), as previously described (Castanheira, 2017).
- States in US Census division
- New England Division: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island and Vermont
  Middle Atlantic Division: New Jersey, New York and Pennsylvania
  East North Central Division: Illinois, Indiana, Michigan, Ohio and
- East North Central Division: Illinois, Indiana, Michigan, Ohio and Wisconsin
- West North Central Division: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota and South Dakota
- South Atlantic Division: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia and West Virginia
- East South Central Division: Alabama, Kentucky, Mississippi and Tennessee
- West South Central Division: Arkansas, Louisiana, Oklahoma and Texas
- Mountain Division: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah and Wyoming
- Pacific Division: Alaska, California, Hawaii, Oregon and Washington

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