

Annual Evaluation and Performance Measurement Report (I.4- WHOLE GENOME SEQUENCING (WGS) OF
CARBAPENEMASE-PRODUCING AR THREATS IN JURISDICTION)

Annually, each funded laboratory is required to report to CDC evaluation and performance measures. Data are used to indicate progress made toward program outcomes. These summary reports have to be uploaded to the ELC CAMP at the end of each funding year. Required performance measures are listed below.

<p>1. Proportion of prioritized isolates received (CPOS, or other healthcare associated organisms prioritized by CDC) that are tested by WGS and passed quality control (QC) in accordance with CDC protocol:</p> <p>a. Numerator: Number of prioritized isolates tested by WGS that passed QC (see guidance for sequencing priorities and QC)</p> <p>b. Denominator: Total number of prioritized isolates tested by WGS</p> <p>c. Calculated: Percent of prioritized isolates (CPOs or other targeted healthcare associated organisms prioritized by CDC) tested by WGS that passed QC</p>
<p>2. Number and type of targeted organisms (i.e., healthcare associated organisms prioritized by CDC) tested by WGS</p> <p>a. Number of prioritized organisms tested by WGS</p> <p>b. Type of prioritized organisms tested by WGS</p>
<p>3. Median number and range from date of sequencing completion to upload of sequence data to NCBI:</p> <p>a. Median (in days)</p> <p>b. Range (in days)</p>
<p>4. Median number and range from date of sequencing completion to recording the HAI WGS ID or SRR-accession number in LIMS:</p> <p>a. Median (in days)</p> <p>b. Range (in days)</p>
<p>5. Describe challenges or barriers to sequencing prioritized isolates in accordance with CDC guidelines.</p>