

# ***B. multivorans* Ice Machine Multistate Investigation**

Request for OMB approval of a New Information Collection

March 29, 2024

## **Supporting Statement B**

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This new information collection will involve the use of descriptive statistics to understand epidemiologic characteristics and commonalities of case-patients with *B. multivorans* and characterize the potential sources of *B. multivorans*, including ice machines and other products used in conjunction with ice machines. Statistical generalizations beyond the case-patients will not be made.

### 1. Respondent Universe and Sampling Methods

Since this new information collection will be used to define the scope of an outbreak and is part of a non-research public health response, there is not an expected response rate and sample size is not relevant. The case report form will be completed for patients with newly diagnosed infection or colonization by *B. multivorans* and whose isolate was identified within 14 days after the patient had a hospital admission lasting at least 48 hours.

### 2. Procedures for the Collection of Information

Jurisdictions will use a standardized case report form to gather information on case-patients via medical record abstraction, interviews with hospital staff, and direct observations. Each jurisdiction will identify a staff member from its Healthcare-Associated Infections/Antimicrobial Resistance (HAI/AR) Program to complete the case report form via REDCap or manually (if unable to use REDCap). Since the case report form is being completed as part of a non-research public health/outbreak response, stratification and sample selection are not applicable.

### 3. Methods to maximize Response Rates and Deal with No Response

The case report form will be completed by HAI/AR Program staff from each affected jurisdiction. Since this is an outbreak investigation, each jurisdiction will rely on their experience as a public health authority to complete the case report form. HAI/AR Programs maintain strong working relationships with acute care hospitals, and we do not anticipate problems or delays in collecting the requested information or completing the standardized forms.

### 4. Tests of Procedures or Methods to be undertaken

No pre-tests are planned.

## **5. Individuals Consulted on Statistical Aspects and Individuals Collecting and/or Analyzing Data**

Formal statistical analysis will be limited; information collection and interpretation will be performed under the direction of medical epidemiologists and doctoral level healthcare epidemiologists in CDC/NCEZID Division of Healthcare Quality and Promotion, including the following supervisory staff:

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