

Program Elements and Deliverables for ELC K2 Awardees: Regional Antimicrobial Resistance Programs

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Regional Antimicrobial Resistance Program Elements

- ❑ Advisory Committee
- ❑ Personnel and Expertise
- ❑ Integration and Alignment with State Partners
- ❑ Collecting Data for Action
- ❑ Education and Training
- ❑ Laboratory Capacity
- ❑ Implementation and Intervention
- ❑ Response Capacity

Advisory Committee

- ❑ Establish advisory committee to define AR prevention program priorities and activities
 - Part of existing HAI advisory committee
 - Local stakeholders and public health lab representatives
 - Infectious disease expertise (clinical, pharmacy) to advise on AS
- ❑ Deliverables
 - Provide goals/objectives of committee and selected activities
 - Provide number, frequency, and modality of committee meetings
 - Describe committee composition: subject matter experts, quality improvement partners (e.g., QIN-QIO), etc.

Personnel and Expertise

- ❑ Expand and/or establish personnel capacity in content areas required to advance AR prevention activities
 - Can include hired staff, contractual support, or other partnerships
- ❑ Deliverables
 - Describe access to expertise in the following content areas:
 - Outbreak response
 - Antimicrobial stewardship
 - Analysis and surveillance
 - Clinical microbiology

Integration and Alignment with State Partners

- ❑ Establish familiarity with existing AR programs and activities in state or region
 - Seek awareness of concurrent AR prevention efforts by partners such as state hospital association or QIN-QIO
- ❑ Deliverables
 - Provide list of stakeholders and organizations in state or region and associated AR/AS activities

Collecting Data for Action

- ❑ Develop surveillance capacity for at least one MDRO or CDI, and use the data to define regional epidemiology
 - Establish NHSN data use agreements (DUAs) as needed
 - Define healthcare networks with high prevalence of AR/CDI
 - Explore existing AS programs by geography and facility characteristics through analysis of NHSN AS practices
 - Increase familiarity with NHSN AU/AR module to promote its use
- ❑ Deliverables
 - Provide number (%) of facilities sharing relevant NHSN data
 - Describe relevant non-NHSN data sources
 - Summarize findings by facility type and region
 - Describe strategies for using data to inform prevention activities

Education and Training

- ❑ Provide education and training on prevention of MDRO transmission
 - Include content on AS and inter-facility communication
 - Provide targeted assistance and trainings on NHSN enrollment to long-term care facilities as needed
- ❑ Deliverables
 - Document content, number, dates, modality, and feedback from educational sessions conducted

Laboratory Capacity

- ❑ Ensure reliable, accurate, and timely laboratory testing and reporting from healthcare facilities
 - May include assessment and improvement in facility-based AR pathogen testing and reporting (prioritize CRE)
- ❑ Deliverables
 - Describe local capacity for conducting surveillance cultures and supporting outbreak response
 - Provide number (%) of MDRO and CDI clusters for which laboratory support was provided

Implementation and Intervention

- ❑ Use data to prioritize recruitment of facilities for participation in AR prevention projects
 - Incorporate AS and focus on CDI, CRE, or multiple MDROs
 - Include both acute and long-term care
 - Encourage participating facilities to share strategies for implementation of evidence-based practices
- ❑ Deliverables
 - Provide number (%) of facilities (by type) participating in AR/AS activities
 - Summarize interventions implemented
 - Summarize impact of implementation activities, including methods, data sources, metrics for process and outcome measures

Response Capacity

- ❑ Enhance surveillance analytic capacity to inform prevention efforts and essential response capacity
- ❑ Improve outbreak reporting and response via outreach to clinical microbiology laboratories and IP networks
 - Include both acute and long-term care
- ❑ Provide on-site technical assistance for outbreak investigation
- ❑ Deliverables
 - Document in-house and/or in-kind staff assisting with MDRO/CDI outbreak investigations
 - Provide number (%) of MDRO and CDI outbreaks for which technical assistance was provided

Proposed Technical Assistance from CDC

- ❑ Monthly conference calls led by CDC subject matter experts with rotating content focus (AR, CDI, AS)
- ❑ Annual ELC K2 meeting at CDC
- ❑ Sharing of tools/resources
- ❑ Site visits from CDC subject matter experts, as appropriate
- ❑ **What type of technical assistance will be most valuable to you?**



Thank you! Questions?

For more information please contact Centers for Disease Control and Prevention

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