

# Administrative and Programmatic Aspects of the Essential Components Document

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# Objectives

- Explain recent updates to the Essential Components of a Public Health TB Prevention, Control and Elimination Program
- Outline implications of the report as part of an overall framework for the core functions of TB programs

**No Conflict or Disclosures**

# Role of the Health Department

- Applying public health laws for the control of tuberculosis, ensuring due process for patients
- Ensuring that administrative tasks, which address funding, budget preparation and required reporting are completed based on established guidelines

# Role of the Health Department (cont.)

- Overall Planning and Policy
  - Develop an overall TB Control strategy, including written policies and procedures to provide guidance and oversight to local facilities and practitioners involved in TB Control
- Surveillance and Reporting of persons with suspect or confirmed TB
  - Maintain a surveillance system for timely and accurate reporting of persons with suspect or confirmed TB

# Role of the Health Department (cont.)

- Training and Education
  - Ensure the provision of training and education to program staff, other health departments, clinicians, patients and families, community groups, and the general public
- Partnerships and Collaboration
  - Work with stakeholders and high-risk populations to maximize efforts and minimize expenses. TB elimination cannot be accomplished by Public Health alone
- Research
  - Participate in local, national, and international research as program capacity permits
  - Research questions from document (see Appendix I)

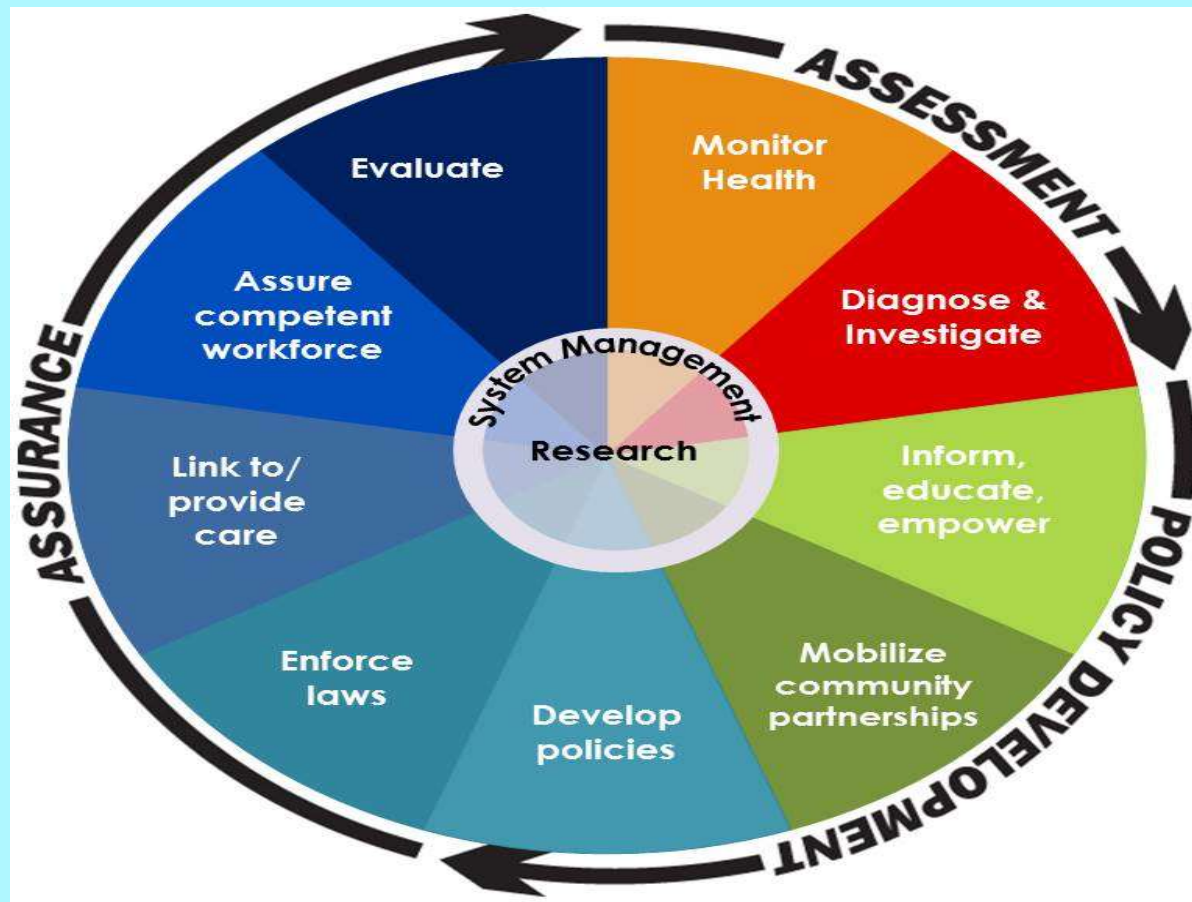
# Programmatic Aspects of the Essential Component Document

- Data collection, analysis, management
  - Conduct routine data collection and analysis of trends within the jurisdiction of the program and apply the results to policy, planning, and prevention efforts
- Program evaluation and Quality Improvement
  - Evaluate programs, both internal and external, to provide guidance for improvement

# Programmatic Aspects of Essential the Component Document (cont.)

- Program Evaluation and Quality Improvement
  - Procedures to ensure standards of care for TB management are met
  - TB program is evaluated based on established standards and analysis of program data
  - Quality improvement activities are carried out to ensure effectiveness at the system level and ensure positive outcomes for patients
  - Ensuring a competent TB workforce

# Core Public Health Functions and Essential Services





# Core Public Health Functions

PH Function	TB Control Activity
<p>Assessment</p> <ul style="list-style-type: none"> <li>• Monitor health status to identify and solve community health problems</li> <li>• Diagnose and investigate health problems</li> </ul>	<ul style="list-style-type: none"> <li>• TB Case Surveillance – Disease Trends</li> <li>• Surveillance of newly diagnosed LTBI</li> </ul>
<p>Policy Development</p> <ul style="list-style-type: none"> <li>• Inform, educate, and empower people about health issues</li> <li>• Mobilize community partnerships and action to identify and solve health problems</li> <li>• Develop policies and plans that support individual and community health efforts</li> </ul>	<ul style="list-style-type: none"> <li>• RCVT indices and identifies areas for potential action</li> <li>• Develop/Implement protocols for Directly Observed Therapy</li> <li>• Written procedures for Contact Investigations</li> <li>• Utilize World TB day to educate stakeholders about TB</li> <li>• Establish rapport with medical community –as a resource on TB management</li> </ul>

# Core Public Health Functions

PH Function	TB Control Activity
<p>Assurance</p> <ul style="list-style-type: none"> <li>• Enforce laws and regulations that protect health and ensure safety</li> <li>• Link people to needed personal health services and assure the provision of health care when otherwise unavailable</li> <li>• Assure public and personal health care when otherwise unavailable</li> <li>• Evaluate effectiveness, accessibility and quality of personal and population-based health services</li> </ul>	<ul style="list-style-type: none"> <li>• Application of TB Control laws</li> <li>• Ensure patients receive appropriate clinical management</li> <li>• Ensure competent workforce through appropriate training for clinical and PH TB Staff</li> </ul>
<p>Research</p> <ul style="list-style-type: none"> <li>• Research for new insights and innovative solutions to health problems</li> </ul>	<ul style="list-style-type: none"> <li>• Review genotyping reports to identify clusters/outbreaks</li> <li>• Evaluate completion rates for patients on in-person DOT compared to Video DOT</li> </ul>

# Utilization of the Essential Component Document

- To provide an introduction to TB Control essentials for new TB controllers in state or local jurisdictions
- To provide a frame of reference to policy makers and consultants for evaluation of individual TB control programs
- To clarify and articulate the rationale for essential components and activities to decision makers – whether in health departments or in the legislative arena-who allocate financial and personnel resources to TB programs
- To educate colleagues or others about the structure and function of TB control programs

# Summary

## The TB landscape is changing:

- Although the number of cases, and case rates in the US declined, the acuity of many patients has increased
- XDR/MDR-TB; co-morbidities such as COVID-19, HCV, HIV, diabetes, substance abuse and persons experiencing homelessness all present challenges for clinical and case management

# Summary (cont.)

- Changes in technologies assist with diagnosis, treatment, prevention and surveillance of disease and latent TB infection
- Utilizing resources such as the Essential Components document will assist TB programs in facilitating an effective Public Health TB Prevention, Control, and Elimination Program

**THANK YOU**

**QUESTIONS?**

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