



Analysis. Answers. Action.

www.aphl.org

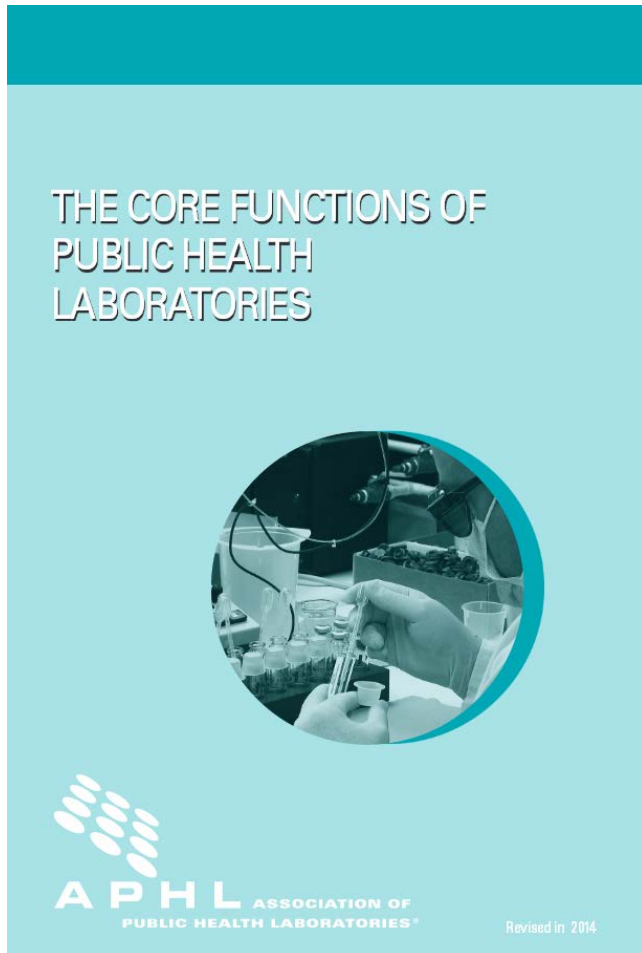
Core Functions Document Overview

Dr. Burt Wilcke

April Quality Improvement Forum Call

April 28, 2015

Current Core Functions Document



http://www.aphl.org/AboutAPHL/publications/Documents/APHLCoreFunctionsandCapabilities_2014.pdf



Analysis. Answers. Action.

www.aphl.org

Background

- Delivery of high-quality laboratory services is essential in our health-care system.
- Accurate and timely laboratory analyses are critical to identifying, tracking, and limiting public health threats and ultimately reducing rates of preventable morbidity and mortality.
- Developing an effective laboratory system for public health testing requires definitions for standard functions of SPHLs, including a broader role in ensuring the quality of testing throughout the state.



Significant Historic Documents

- 1988 – Institute of Medicine (IOM) Report, “The Future of Public Health”
- 1994 – “Ten Essential Public Health Services” (Baker et al)
- 1998 – “The US Needs a National Laboratory System” (McDade and Hughes)



Timeline

- 2000:
 - APHL, in collaboration with CDC, developed a white paper called the “Core functions and capabilities of state public health laboratories: a white paper for use in understanding the role and value of public health laboratories in protecting our nation's health.”
 - The Core Functions were adopted in its entirety by unanimous vote as the consensus position of APHL at the 2000 APHL annual meeting.

Timeline

- 2002: MMWR entitled the “Core Functions and Capabilities of State Public Health Laboratories: A Report of the Association of Public Health Laboratories” was published
- 2010: Preamble and CF descriptors updated
- 2014: Preamble updated to include information about local PHLs and more recent public health events



Core Functions (not listed in order of importance)

1. Disease prevention, control, and surveillance
2. Integrated data management
3. Reference and specialized testing
4. Environmental health and protection
5. Food safety
6. Laboratory improvement and regulation
7. Policy development
8. Emergency response
9. Public health-related research
10. Training and education
11. Partnerships and communication



Utility: Relation to Laboratory System Improvement Program (L-SIP) and 10 Essential Public Health Services

The 11 Core Functions were crosswalked with the 10 Essential Public Health Services, which the L-SIP assessment tool is based on.



Utility: Relation L-SIP and 10 Essential Public Health Services

Essential Services

1. Monitor Health Status to Identify Community Health Problems
2. Diagnose and Investigate Health Problems and Health Hazards in the Community
3. Inform Educate and Empower People About Health Issues
4. Mobilize Partnerships to Identify and Solve Health Problems
5. Develop Policies and Plans that Support Individual and Community Health Efforts

Laboratory Core Functions

1. Disease prevention, control, and surveillance
2. Integrated data management
3. Reference and specialized testing
4. Environmental health and protection
5. Food safety
8. Emergency response
10. Training and Education
11. Partnerships and communication
11. Partnerships and communication
7. Policy development



Utility: Relation to L-SIP and 10 Essential Public Health Services

| Essential Service | Laboratory Core Function |
|--|--|
| 6. Enforce laws and regulations that protect health & safety | 6. Laboratory improvement and regulation |
| 7. Link people to needed personal health services & assure provision of health care when unavailable | 3. Reference and specialized testing |
| 8. Assure a competent public and personal health care workforce | 10. Training and education |
| 9. Evaluate effectiveness, accessibility, & quality of personnel & population-based services | 3. Reference and specialized testing 6. Laboratory improvement and regulation |
| 10. Research for new insights and innovative solutions to health problems | 9. Public health-related research |



Utility: Relation to Healthy People 2020

Healthy People 2020 Public Health Infrastructure Objective 11:

Increase the proportion of Tribal and State public health agencies that provide or assure comprehensive laboratory services to support essential public health services



Utility: Relation to Healthy People 2020

- APHL developed the Comprehensive Laboratory Services Survey, which is divided into sections that correspond to the 11 Core Functions.
- The CLSS is distributed biannually to state PHL directors and is the sole source of data for HP2020 PHI Objective 11.



Utility: Relation to Healthy People 2020

Healthy People 2020 Public Health Infrastructure Objective 12:

Increase the proportion of public health laboratory systems (including State, Tribal, and local) which perform at a high level of quality in support of the 10 Essential Public Health Services



Utility: Relation to Healthy People 2020

- APHL developed the Public Health Laboratory Systems Survey (PHLSS), which is divided into sections that correspond to the 10 Essential Services.
- The PHLSS is distributed biannually to state PHL directors and is the sole source of data for HP2020 PHI Objective 12.



Utility: Other

- Document can be used at partner meetings to articulate the role of PHLs in the public health system.



Questions?

Contact:

- Burt Wilcke,
Burton.Wilcke@med.uvm.edu
- Tina Su, bertina.su@aphl.org

