

Appendix 1
***Alignment of PHAB Standards with
Communicable Disease, TB, STD, and HIV
Standards and Guidelines***

Appendix 1
Alignment of PHAB Standards with
Communicable Disease, TB, STD and HIV
Standards and Guidelines

Domain	Standard	Communicable Disease	Tuberculosis	STD	HIV/AIDS
Domain 1: Conduct and disseminate assessments focused on population health status and public health issues facing the community	Standard 1.1: Participate in or Lead a Collaborative Process Resulting in a Comprehensive Community Health Assessment				X
	Standard 1.2: Collect and Maintain Reliable, Comparable, and Valid Data That Provide Information on Conditions of Public Health Importance and On the Health Status of the Population	X	X	X	X
	Standard 1.3: Analyze Public Health Data to Identify Trends in Health Problems, Environmental Public Health Hazards, and Social and Economic Factors That Affect the Public's Health		X	X	X
	Standard 1.4: Provide and Use the Results of Health Data Analysis to Develop Recommendations Regarding Public Health Policy, Processes, Programs, or Interventions	X	X	X	X
Domain 2: Investigate health problems and environmental public health hazards to protect the community	Standard 2.1: Conduct Timely Investigations of Health Problems and Environmental Public Health Hazards	X	X	X	
	Standard 2.2: Contain/Mitigate Health Problems and Environmental Public Health Hazards	X	X	X	
	Standard 2.3: Ensure Access to Laboratory and Epidemiologic / Environmental Public Health Expertise and Capacity to Investigate and Contain/Mitigate Public Health Problems and Environmental Public Health Hazards	X	X	X	X
	Standard 2.4: Maintain a Plan with Policies and Procedures for Urgent and Non-Urgent Communications	X	X		

Domain 3: Inform and education about public health issues and functions	Standard 3.1: Provide Health Education and Health Promotion Policies, Programs, Processes, and Interventions to Support Prevention and Wellness	X	X	X	
	Standard 3.2: Provide Information on Public Health Issues and Public Health Functions Through Multiple Methods to a Variety of Audiences	X		X	X
Domain 4: Engage with the community to identify and address health problems	Standard 4.1: Engage with the Public Health System and the Community in Identifying and Addressing Health Problems Through Collaborative Processes	X		X	X
	Standard 4.2: Promote the Community's Understanding of and Support for Policies and Strategies That will Improve the Public's Health				X
Domain 5: Develop public health policies and plans	Standard 5.1: Serve As a Primary and Expert Resource for Establishing and Maintaining Public Health Policies, Practices, and Capacity	X	X	X	
	Standard 5.2: Conduct a Comprehensive Planning Process Resulting in a Tribal/State/Community Health Improvement Plan	X		X	X
	Standard 5.3: Develop and Implement a Health Department Organizational Strategic Plan			X	
	Standard 5.4: Maintain an All Hazards Emergency Operations Plan	X		X	
Domain 6: Enforce public health laws	Standard 6.1: Review Existing Laws and Work with Governing Entities and Elected/Appointed Officials to Update as Needed		X	X	
	Standard 6.2: Educate Individuals and Organizations On the Meaning, Purpose, and Benefit of Public Health Laws and How to Comply			X	
	Standard 6.3: Conduct and Monitor Public Health Enforcement Activities and Coordinate Notification of Violations among Appropriate Agencies			X	

Domain 7: Promote strategies to improve access to health care services	Standard 7.1: Assess Health Care Service Capacity and Access to Health Care Services		X	X	X
	Standard 7.2: Identify and Implement Strategies to Improve Access to Health Care Services			X	X
Domain 8: Maintain a competent public health workforce	Standard 8.1: Encourage the Development of a Sufficient Number of Qualified Public Health Workers		X	X	
	Standard 8.2: Ensure a Competent Workforce through Assessment of Staff Competencies, the Provision of Individual Training and Professional Development, and the Provision of a Supportive Work Environment	X	X	X	X
Domain 9: Evaluate and continuously improve health department processes, programs, and interventions	Standard 9.1: Use a Performance Management System to Monitor Achievement of Organizational Objectives				
	Standard 9.2: Develop and Implement Quality Improvement Processes Integrated Into Organizational Practice, Programs, Processes, and Interventions	X		X	X
Domain 10: Contribute to and apply the evidence base of public health	Standard 10.1: Identify and Use the Best Available Evidence for Making Informed Public Health Practice Decisions	X		X	X
	Standard 10.2: Promote Understanding and Use of the Current Body of Research Results, Evaluations, and Evidence-based Practices with Appropriate Audiences	X		X	X
Domain 11: Maintain administrative and management capacity	Standard 11.1: Develop and Maintain an Operational Infrastructure to Support the Performance of Public Health Functions	X	X	X	X
	Standard 11.2: Establish Effective Financial Management Systems				
Domain 12: Maintain capacity to engage the public health governing entity	Standard 12.1: Maintain Current Operational Definitions and Statements of the Public Health Roles, Responsibilities, and Authorities				
	Standard 12.2: Provide Information to the Governing Entity Regarding Public Health and the Official Responsibilities of the Health Department and of the Governing Entity		X		
	Standard 12.3: Encourage the Governing Entity's Engagement in the Public Health Department's Overall Obligations and Responsibilities				

Appendix 2
CDC Framework for Preventing Infectious Diseases
<https://www.cdc.gov/oid/docs/ID-Framework.pdf>

Communicable/Infectious Diseases

The document titled CDC Framework for Preventing Infectious Disease includes three Elements <https://www.cdc.gov/oid/docs/ID-Framework.pdf>.

These are noted in the third column of the spreadsheet.

The fourth column indicates quotes from those Elements that show some alignment with PHAB standards and measures.

Appendix 2
CDC Framework for Preventing Infectious Diseases

Domain	Standard	Program Standards and Comments	
Domain 1: Conduct and disseminate assessments focused on population health status and public health issues facing the community	Standard 1.1: Participate in or Lead a Collaborative Process Resulting in a Comprehensive Community Health Assessment		
	Standard 1.2: Collect and Maintain Reliable, Comparable, and Valid Data That Provide Information on Conditions of Public Health Importance and On the Health Status of the Population	Element 2. Identify and implement high-impact public health interventions to reduce infectious diseases.	“Improving collection and communication of timely, accurate, and complete surveillance data to drive effective public health action.”
	Standard 1.3: Analyze Public Health Data to Identify Trends in Health Problems, Environmental Public Health Hazards, and Social and Economic Factors That Affect the Public’s Health		
	Standard 1.4: Provide and Use the Results of Health Data Analysis to Develop Recommendations Regarding Public Health Policy, Processes, Programs, or Interventions	Element 3. Develop and advance policies to prevent, detect, and control infectious diseases	“Ensure the availability of sound scientific data to support the development of evidence-based and cost effective policies.” GAP: Greater specificity on the use of results of data would create a closer link to the PHAB standards and measures.
Domain 2: Investigate health problems and environmental public health hazards to protect the community	Standard 2.1: Conduct Timely Investigations of Health Problems and Environmental Public Health Hazards	Element 2. Identify and implement high-impact public health interventions to reduce infectious diseases. Element 3. Develop and advance policies to prevent, detect, and control infectious diseases	“Improving collection and communication of timely, accurate, and complete surveillance data to drive effective public health action.” “Advance policies to improve prevention, detection and control of infections, diseases...” Partnerships and Implementation: “Working with state and local health departments to sustain and upgrade public health fundamentals and address priority infectious disease issues.”

	<p>Standard 2.2: Contain/Mitigate Health Problems and Environmental Public Health Hazards</p>	<p>Element 1. Strengthen public health fundamentals, including infectious disease surveillance, laboratory detection, and epidemiologic investigation</p>	<p>“Develop pre-event investigative performance measures and protocols (e.g. protocols for collecting data on risk factors, disease severity and other clinical information) for use during outbreak investigations.”</p> <p>“Using lessons learned from outbreak responses...to strengthen overall preparedness...”</p> <p>GAP: Specifically addressing After Action Reports (AARs) would show a clear link to PHAB standards and measures.</p>
	<p>Standard 2.3: Ensure Access to Laboratory and Epidemiologic / Environmental Public Health Expertise and Capacity to Investigate and Contain/Mitigate Public Health Problems and Environmental Public Health Hazards</p>	<p>Element 1. Strengthen public health fundamentals, including infectious disease surveillance, laboratory detection, and epidemiologic investigation</p>	<p>“Expand the role of public health and clinical laboratories in disease control and prevention.”</p> <p>“Developing strategies to help strengthen public health laboratory capacity through high-efficiency operating models and improved testing platforms and informatics capabilities.”</p> <p>GAP: Specificity for 24/7 routine and surge capacity laboratory certifications and necessary protocols would show a greater alignment with PHAB standards and measures.</p>
	<p>Standard 2.4: Maintain a Plan with Policies and Procedures for Urgent and Non-Urgent Communications</p>	<p>Element 3. Develop and advance policies to prevent, detect, and control infectious diseases.</p>	<p>“...targeted dissemination of practical health information to particular groups and populations with increased risk for acquiring or transmitting infections.”</p> <p>GAP: While the Framework addresses communication, it does not specifically indicate a plan for urgent and non-urgent communications.</p>
<p>Domain 3: Inform and education about public health issues and functions</p>	<p>Standard 3.1: Provide Health Education and Health Promotion Policies, Programs, Processes, and Interventions to Support Prevention and Wellness</p>	<p>Element 3. Develop and advance policies to prevent, detect, and control infectious diseases.</p>	<p>“Educating the public about the interconnected efforts needed to prevent and control infectious diseases and their role in protecting health.”</p>

	Standard 3.2: Provide Information on Public Health Issues and Public Health Functions Through Multiple Methods to a Variety of Audiences	Element 3. Develop and advance policies to prevent, detect, and control infectious diseases.	<p>“Availability of public health information through new communication channel, including use of mobile devices to enable individual devices.”</p> <p>GAP: Communication implementation procedures and required elements would strengthen the alignment.</p>
Domain 4: Engage with the community to identify and address health problems	Standard 4.1: Engage with the Public Health System and the Community in Identifying and Addressing Health Problems Through Collaborative Processes	Element 3. Develop and advance policies to prevent detect, and control infectious diseases.”	“Working with state and local health departments to sustain and upgrade public health fundamentals and address priority infectious disease issues.”
	Standard 4.2: Promote the Community’s Understanding of and Support for Policies and Strategies That will Improve the Public’s Health		
Domain 5: Develop public health policies and plans	Standard 5.1: Serve As a Primary and Expert Resource for Establishing and Maintaining Public Health Policies, Practices, and Capacity	Element 3. Develop and advance policies to prevent detect, and control infectious diseases.	<p>“...policies must reflect the best science and the best public health thinking...policy development should extend beyond public health and healthcare communities to engage stakeholders and other partners...”</p> <p>“...priorities include ensuring the availability of sound scientific data to support policy development at CDC and partner organizations...”</p>
	Standard 5.2: Conduct a Comprehensive Planning Process Resulting in a Tribal/State/Community Health Improvement Plan	Element 1. Strengthen public health fundamentals, including infectious disease surveillance, laboratory detection, and epidemiologic investigation	“Conducting long-range planning to ensure continued capacity.”
	Standard 5.3: Develop and Implement a Health Department Organizational Strategic Plan		

	Standard 5.4: Maintain an All Hazards Emergency Operations Plan	Element 3. Develop and advance policies to prevent detect, and control infectious diseases.	<p>“Helping community leaders and businesses to improve local response readiness.”</p> <p>Gap: Alignment would be strengthened if the Framework articulated incorporating infectious diseases into the All Hazards Emergency Operations Plans.</p>
Domain 6: Enforce public health laws	Standard 6.1: Review Existing Laws and Work with Governing Entities and Elected/Appointed Officials to Update as Needed		
	Standard 6.2: Educate Individuals and Organizations On the Meaning, Purpose, and Benefit of Public Health Laws and How to Comply		
	Standard 6.3: Conduct and Monitor Public Health Enforcement Activities and Coordinate Notification of Violations among Appropriate Agencies		
Domain 7: Promote strategies to improve access to health care services	Standard 7.1: Assess Health Care Service Capacity and Access to Health Care Services		
	Standard 7.2: Identify and Implement Strategies to Improve Access to Health Care Services		

Domain 8: Maintain a competent public health workforce	Standard 8.1: Encourage the Development of a Sufficient Number of Qualified Public Health Workers		
	Standard 8.2: Ensure a Competent Workforce through Assessment of Staff Competencies, the Provision of Individual Training and Professional Development, and the Provision of a Supportive Work Environment	Element 1. Strengthen public health fundamentals, including infectious disease surveillance, laboratory detection, and epidemiologic investigation.	“Advance workforce development and training to sustain and strengthen public health practice.”
Domain 9: Evaluate and continuously improve health department processes, programs, and interventions	Standard 9.1: Use a Performance Management System to Monitor Achievement of Organizational Objectives		
	Standard 9.2: Develop and Implement Quality Improvement Processes Integrated Into Organizational Practice, Programs, Processes, and Interventions	Element 1. Strengthen public health fundamentals, including infectious disease surveillance, laboratory detection, and epidemiologic investigation	“support ongoing efforts to improve performance of state and local health departments (e.g. national voluntary accreditation activities); to instill a culture of continuous program improvement across all activities.”

Domain 10: Contribute to and apply the evidence base of public health	Standard 10.1: Identify and Use the Best Available Evidence for Making Informed Public Health Practice Decisions	Element 2. Identify and implement high-impact public health interventions to reduce infectious diseases.	“Identify and validate high-impact tools for disease reduction... and interventions to reduce disease...” “Use proven tools and interventions to reduce high burden infectious diseases.”
	Standard 10.2: Promote Understanding and Use of the Current Body of Research Results, Evaluations, and Evidence-based Practices with Appropriate Audiences	Element 2. Identify and implement high-impact public health interventions to reduce infectious diseases.	“...targeted efforts that use known, effective strategies to achieve measurable results within a short period of time against disease and conditions with high populations impact” <i>Winnable Battles</i>
Domain 11: Maintain administrative and management capacity	Standard 11.1: Develop and Maintain an Operational Infrastructure to Support the Performance of Public Health Functions	Element 1. Strengthen public health fundamentals, including infectious disease surveillance, laboratory detection, and epidemiologic investigation	“Using evolving health IT tools to provide rapid feedback and alert....based on timely and accurate surveillance data.”
	Standard 11.2: Establish Effective Financial Management Systems		
Domain 12: Maintain capacity to engage the public health governing entity	Standard 12.1: Maintain Current Operational Definitions and Statements of the Public Health Roles, Responsibilities, and Authorities		
	Standard 12.2: Provide Information to the Governing Entity Regarding Public Health and the Official Responsibilities of the Health Department and of the Governing Entity		

	<p>Standard 12.3: Encourage the Governing Entity's Engagement in the Public Health Department's Overall Obligations and Responsibilities</p>		
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Appendix 3
HIV/AIDS – HIV/AIDS Guidelines and Recommendations
<https://www.cdc.gov/hiv/guidelines/index.html>

Documents from links on the HIV/AIDS Guidelines and Recommendations page on the CDC website were used in this review. The five topic area titles were used to specify which guidance area was referenced.

<https://www.cdc.gov/hiv/guidelines/index.html>.

PHAB measures are noted where possible, indicating a more close alignment or potential for alignment in that particular area.

Appendix 3
HIV/AIDS – HIV/AIDS Guidelines and Recommendations

Domain	Standard	Program Standards and Comments	
Domain 1: Conduct and disseminate assessments focused on population health status and public health issues facing the community	Standard 1.1: Participate in or Lead a Collaborative Process Resulting in a Comprehensive Community Health Assessment	<u>HIV Surveillance – Integrated Guidance for Epidemiologic Profile</u> GAP: ways to ensure incorporation/integration into the overall SHA/CHA where appropriate	
	Standard 1.2: Collect and Maintain Reliable, Comparable, and Valid Data That Provide Information on Conditions of Public Health Importance and On the Health Status of the Population	<u>Persons with HIV: Prevention and Care – Recommendations</u> document summary for HDs and planning groups provides guidance for protocols for surveillance data collection and use <u>HIV Surveillance/Program Management - HHS Data Collection Standards; Data Security and confidentiality guidelines</u>	Measure 1.2.1
	Standard 1.3: Analyze Public Health Data to Identify Trends in Health Problems, Environmental Public Health Hazards, and Social and Economic Factors That Affect the Public’s Health	<u>HIV Surveillance/Program Management - Data security and confidentiality guidelines – standards to facilitate sharing and use of data</u>	Measure 1.3.2
	Standard 1.4: Provide and Use the Results of Health Data Analysis to Develop Recommendations Regarding Public Health Policy, Processes, Programs, or Interventions	<u>HIV Surveillance/Program Management - Data security and confidentiality guidelines – standards to facilitate sharing and use of data</u>	
Domain 2: Investigate health problems and environmental public health hazards to protect the community	Standard 2.1: Conduct Timely Investigations of Health Problems and Environmental Public Health Hazards		
	Standard 2.2: Contain/Mitigate Health Problems and Environmental Public Health Hazards		
	Standard 2.3: Ensure Access to Laboratory and Epidemiologic / Environmental Public Health Expertise and Capacity to Investigate and Contain/Mitigate Public Health Problems and Environmental Public Health Hazards	<u>HIV Screening/Testing – Revised Guidelines for HIV Counseling, Testing and Referral</u> require laboratories doing testing to be enrolled in proficiency testing and perform activities in accordance with Clinical Laboratory Improvement Amendment regulations.	
	Standard 2.4: Maintain a Plan with Policies and Procedures for Urgent and Non-Urgent Communications		

Domain 3: Inform and education about public health issues and functions	Standard 3.1: Provide Health Education and Health Promotion Policies, Programs, Processes, and Interventions to Support Prevention and Wellness		
	Standard 3.2: Provide Information on Public Health Issues and Public Health Functions Through Multiple Methods to a Variety of Audiences	<u>Program Management</u> - The National Standards for Culturally and Linguistically Appropriate Services in Health Care are included as an implementation resource.	Measure 3.2.6
Domain 4: Engage with the community to identify and address health problems	Standard 4.1: Engage with the Public Health System and the Community in Identifying and Addressing Health Problems Through Collaborative Processes	<u>HIV Surveillance</u> – Integrated Guidance for Epidemiologic Profile - Development Process speaks to involving other groups GAP: does not address community engagement.	
	Standard 4.2: Promote the Community’s Understanding of and Support for Policies and Strategies That will Improve the Public’s Health	<u>Persons with HIV: Prevention and Care</u> – Recommendations document summary for HDs and planning groups could more clearly promote engagement with the community affected by policies/strategies and collaboration/communication with governing entities, advisory boards and elected officials.	
Domain 5: Develop public health policies and plans	Standard 5.1: Serve As a Primary and Expert Resource for Establishing and Maintaining Public Health Policies, Practices, and Capacity		
	Standard 5.2: Conduct a Comprehensive Planning Process Resulting in a Tribal/State/Community Health Improvement Plan	<u>HIV Surveillance</u> – Integrated Guidance for Epidemiologic Profile GAP: ways to ensure incorporation/integration of planning guidance into the overall SHIP/CHIP where appropriate	
	Standard 5.3: Develop and Implement a Health Department Organizational Strategic Plan		
	Standard 5.4: Maintain an All Hazards Emergency Operations Plan		
Domain 6: Enforce public health laws	Standard 6.1: Review Existing Laws and Work with Governing Entities and Elected/Appointed Officials to Update as Needed		
	Standard 6.2: Educate Individuals and Organizations On the Meaning, Purpose, and Benefit of Public Health Laws and How to Comply		

	<p>Standard 6.3: Conduct and Monitor Public Health Enforcement Activities and Coordinate Notification of Violations among Appropriate Agencies</p>		
<p>Domain 7: Promote strategies to improve access to health care services</p>	<p>Standard 7.1: Assess Health Care Service Capacity and Access to Health Care Services</p>	<p><u>HIV Screening/Testing</u> – The recommendations for testing and laboratory guidance are directed toward clinical services, whether in a health care setting or not. Examples of where a HD and community identified a lack or barrier to access to needed services could be used here.</p> <p><u>Persons with HIV: Prevention and Care-</u> Recommendations document summary for HDs and planning groups addresses multiple barriers re linkage to care that could be used in the collaborative process for this population.</p> <p><u>HIV Surveillance</u> – Integrated Guidance for Epidemiologic Profile</p>	
	<p>Standard 7.2: Identify and Implement Strategies to Improve Access to Health Care Services</p>	<p><u>HIV Screening/Testing</u> – The recommendations for testing and laboratory guidance are directed toward clinical services, whether in a health care setting or not. Examples of strategies developed to improve access to needed services could be used here.</p> <p><u>Persons with HIV: Prevention and Care-</u> Recommendations document summary for HDs and planning groups provides many potential strategies to improve access and could be a resource in the collaborative efforts here.</p> <p><u>Program Management</u> – Recommendations for Case Management Collaboration provides models for assuring access, avoiding duplication, and would assist in strategy development.</p> <p>The National Standards for Culturally and Linguistically Appropriate Services in Health Care are included as an implementation resource.</p>	

Domain 8: Maintain a competent public health workforce	Standard 8.1: Encourage the Development of a Sufficient Number of Qualified Public Health Workers		
	Standard 8.2: Ensure a Competent Workforce through Assessment of Staff Competencies, the Provision of Individual Training and Professional Development, and the Provision of a Supportive Work Environment	<u>Persons with HIV: Prevention and Care</u> – Implementation Resources/Training and TA Resources/Webinars especially aimed at HDs and HIV Planning Groups, could have examples.	Measure 8.2.3
Domain 9: Evaluate and continuously improve health department processes, programs, and interventions	Standard 9.1: Use a Performance Management System to Monitor Achievement of Organizational Objectives		
	Standard 9.2: Develop and Implement Quality Improvement Processes Integrated Into Organizational Practice, Programs, Processes, and Interventions	<u>Persons with HIV: Prevention and Care</u> – Recommendations document summary for HDs and planning groups – briefly outlines QI process with examples.	Measure 9.2.2
Domain 10: Contribute to and apply the evidence base of public health	Standard 10.1: Identify and Use the Best Available Evidence for Making Informed Public Health Practice Decisions	<u>HIV screening/testing</u> – best or evidence based testing guidelines set forth as policy governing the system of testing could be used for the standard.	
	Standard 10.2: Promote Understanding and Use of the Current Body of Research Results, Evaluations, and HIV screening/testing – best or evidence based testing guidelines set forth as policy governing the system of testing could be used here. Evidence-based Practices with Appropriate Audiences	<u>HIV screening/testing</u> – best or evidence based testing guidelines set forth as policy governing the system of testing could be used for the standard. <u>Persons with HIV: Prevention and Care</u> – Recommendations document summary for HDs and planning groups promotes the use of evidence based intervention models.	
Domain 11: Maintain administrative and management capacity	Standard 11.1: Develop and Maintain an Operational Infrastructure to Support the Performance of Public Health Functions	<u>Program Management</u> – The National Standards for Culturally and Linguistically Appropriate Services in Health Care are included as an implementation resource. HIPAA privacy rule guidance	Measure 11.1.4 Measure 11.1.6
	Standard 11.2: Establish Effective Financial Management Systems		
Domain 12: Maintain capacity to engage the public health governing entity	Standard 12.1: Maintain Current Operational Definitions and Statements of the Public Health Roles, Responsibilities, and Authorities		
	Standard 12.2: Provide Information to the Governing Entity Regarding Public Health and the Official Responsibilities of the Health Department and of the Governing Entity		
	Standard 12.3: Encourage the Governing Entity's Engagement in the Public Health Department's Overall Obligations and Responsibilities		

Appendix 4
STD – STD Program Core Components and Strategies 2016/17

ES is used to refer to the Essential Public Health Service referenced in the
STD Program Core Components and Strategies 2016/2017
National Coalition of STD Directors (NCS D) document used in this review.

Key phrases from the Core Components and Program Strategies
columns of the same NCS D document are used to note alignment with
the PHAB standards/measures for each domain.

PHAB measures are noted where possible, indicating a more
close alignment or potential for alignment in that particular area.

Appendix 4
STD – STD Program Core Components and Strategies 2016/17

Domain	Standard	Program Standards and Comments	
Domain 1: Conduct and disseminate assessments focused on population health status and public health issues facing the community	Standard 1.1: Participate in or Lead a Collaborative Process Resulting in a Comprehensive Community Health Assessment		
	Standard 1.2: Collect and Maintain Reliable, Comparable, and Valid Data That Provide Information on Conditions of Public Health Importance and On the Health Status of the Population	ES1 – Conduct case surveillance Generate reports/disseminate data <u>HIV Guidelines - Prevention and Care Services for Persons with HIV</u> –Recommendations document summary for HDs and planning groups addresses matching and use of HIV/STD surveillance data	Measures 1.2.1, 1.2.2
	Standard 1.3: Analyze Public Health Data to Identify Trends in Health Problems, Environmental Public Health Hazards, and Social and Economic Factors That Affect the Public's Health	ES 2 – Conduct analysis of STD disease trends/prepare reports.	
	Standard 1.4: Provide and Use the Results of Health Data Analysis to Develop Recommendations Regarding Public Health Policy, Processes, Programs, or Interventions	ES 1 – Report and disseminate STD data to affected populations, communities, providers and key stakeholders on DOH website annually.	
Domain 2: Investigate health problems and environmental public health hazards to protect the community	Standard 2.1: Conduct Timely Investigations of Health Problems and Environmental Public Health Hazards	ES 2 – The Outbreak Response Plan equates to protocols that address how to respond to an outbreak. Maintain a resource guide (list) of labs.	Measure 2.1.4
	Standard 2.2: Contain/Mitigate Health Problems and Environmental Public Health Hazards	ES 2 – Conduct disease intervention services. While STD program strategies as listed are focused on treatment, protocols for the system where these treatment interventions can occur aligns with PHAB standards and measures. GAP: The addition of protocols for initialization/containment when to implement the EOP and completion of AAR's would strengthen alignment with PHAB standards and measures.	Measures 2.2.1, 2.2.2, 2.2.3

	<p>Standard 2.3: Ensure Access to Laboratory and Epidemiologic / Environmental Public Health Expertise and Capacity to Investigate and Contain/Mitigate Public Health Problems and Environmental Public Health Hazards</p>	ES 2 – Partner with labs/Assure availability of STD testing	Measures 2.3.1, 2.3.2, 2.3.3
	<p>Standard 2.4: Maintain a Plan with Policies and Procedures for Urgent and Non-Urgent Communications</p>		
<p>Domain 3: Inform and education about public health issues and functions</p>	<p>Standard 3.1: Provide Health Education and Health Promotion Policies, Programs, Processes, and Interventions to Support Prevention and Wellness</p>	<p>ES 3 – Promote STD educational materials</p> <p>GAP: Input from the target audience, consultation with community in development, and a specific focus on high risk populations/health equity would further align with PHAB standards.</p>	
	<p>Standard 3.2: Provide Information on Public Health Issues and Public Health Functions Through Multiple Methods to a Variety of Audiences</p>	<p>ES 3 – Create and maintain a DOH STD website - service delivery sites, educational materials, links to CDC sites</p> <p>3.2.1 – disease prevention, symptoms, treatment information and culturally sensitive materials.</p> <p>ES 6 – Post reportable diseases on website; distribute reporting regulations and data.</p> <p>GAP: Including the elements outlined in the PHAB standards/measures on the STD pages of the overall DOH website will strengthen further alignment.</p>	<p>Measure 3.2.5</p> <p>Measure 3.2.1, 3.2.6</p>
<p>Domain 4: Engage with the community to identify and address health problems</p>	<p>Standard 4.1: Engage with the Public Health System and the Community in Identifying and Addressing Health Problems Through Collaborative Processes</p>	<p>ES 4 – Collaborate with public and stakeholders – planning groups Healthcare systems/providers Improve delivery of services</p> <p>GAP: The provision of TA, consultation (implied not specified)</p>	Measure 4.1.3
	<p>Standard 4.2: Promote the Community’s Understanding of and Support for Policies and Strategies That will Improve the Public’s Health</p>		

Domain 5: Develop public health policies and plans	Standard 5.1: Serve As a Primary and Expert Resource for Establishing and Maintaining Public Health Policies, Practices, and Capacity	ES 5 – Establish legislative agenda, monitor/evaluate impact of policies Educate about impacts of policies	Measure 5.1.3
	Standard 5.2: Conduct a Comprehensive Planning Process Resulting in a Tribal/State/Community Health Improvement Plan	ES 5 – Develop and include STD objectives in statewide planning documents. GAP: Adding specified components of CHIP planning process, plan, tracking implementation/changes, and progress reporting would strengthen alignment.	
	Standard 5.3: Develop and Implement a Health Department Organizational Strategic Plan	ES 5 – Develop and include STD objectives in statewide plans. GAP: Adding specified components of SP planning process, plan, tracking implementation/changes, and progress reporting would strengthen alignment.	
	Standard 5.4: Maintain an All Hazards Emergency Operations Plan	ES 5 – develop and include STD objectives in statewide plans. GAP: Adding specified components of EOP collaborative planning process, plan, tracking implementation/changes, testing, technical assistance and progress reporting would strengthen alignment	
Domain 6: Enforce public health laws	Standard 6.1: Review Existing Laws and Work with Governing Entities and Elected/Appointed Officials to Update as Needed	ES 6 – Establish and distribute statutes and rules - participate in the development of regulations re reporting GAP: The review of PH laws, need for access to legal counsel, and recommendations for needed change would strengthen and further align this core component.	
	Standard 6.2: Educate Individuals and Organizations On the Meaning, Purpose, and Benefit of Public Health Laws and How to Comply	ES 6 – Post reportable diseases on website; distribute reporting regulations and data GAP: Need for training on laws and for consistent application of laws (in addition to simply distributing rules)	
	Standard 6.3: Conduct and Monitor Public Health Enforcement Activities and Coordinate Notification of Violations among Appropriate Agencies	ES 6 – Conduct enforcement of STD reporting. Implement regulations for screening, testing/treatment of minors, confidentiality – post on website Assess non reporters, enforce violations GAP: Need for policies and protocols to implement reporting statutes/rules and need for STD rules/procedures beyond reporting.	Measure 6.2.2 Measure 6.3.2

		Actions taken, communications, annual report, notifications of enforcement actions	Measures 6.3.3, 6.3.4
Domain 7: Promote strategies to improve access to health care services	Standard 7.1: Assess Health Care Service Capacity and Access to Health Care Services	ES 7 (Maintain = clinical)... and Support (more of assurance) STD screening programs where needed based on rates of disease. Measuring screening rates in various settings and populations GAP: Collaborative process to assess availability of services; reports that identify gaps/barriers	Measure 7.1.2 Measures 7.1.2, 7.1.3
	Standard 7.2: Identify and Implement Strategies to Improve Access to Health Care Services	ES 7 – Ensure availability and access to services GAP: Collaborative process to develop strategies to improve access to care, and to implement same, need for efforts to be culturally competent	
Domain 8: Maintain a competent public health workforce	Standard 8.1: Encourage the Development of a Sufficient Number of Qualified Public Health Workers	ES 8 – Encourage the incorporation of STD into academic curriculum	
	Standard 8.2: Ensure a Competent Workforce through Assessment of Staff Competencies, the Provision of Individual Training and Professional Development, and the Provision of a Supportive Work Environment	ES 8 – Support training opportunities, conference, workshops etc. Professional development, continuing education	
Domain 9: Evaluate and continuously improve health department processes, programs, and interventions	Standard 9.1: Use a Performance Management System to Monitor Achievement of Organizational Objectives		
	Standard 9.2: Develop and Implement Quality Improvement Processes Integrated Into Organizational Practice, Programs, Processes, and Interventions	ES 4 contains generic strategies to improve service delivery and ES 9 references HEDIS for managed care, however there is no mention of a formal Quality Improvement process or activities.	
Domain 10: Contribute to and apply the evidence base of public health	Standard 10.1: Identify and Use the Best Available Evidence for Making Informed Public Health Practice Decisions	ES 10 – emphasis here on insights into STD prevention and best practices. The addition of the use of research or evidence based practices would strengthen this requirement.	

	Standard 10.2: Promote Understanding and Use of the Current Body of Research Results, Evaluations, and Evidence-based Practices with Appropriate Audiences	ES 10 – Provide updates on advancement to stakeholders	
Domain 11: Maintain administrative and management capacity	Standard 11.1: Develop and Maintain an Operational Infrastructure to Support the Performance of Public Health Functions	ES 6 – Implement confidentiality regulations, policies, and/or procedures	Measure 11.1.3
	Standard 11.2: Establish Effective Financial Management Systems		
Domain 12: Maintain capacity to engage the public health governing entity	Standard 12.1: Maintain Current Operational Definitions and Statements of the Public Health Roles, Responsibilities, and Authorities		
	Standard 12.2: Provide Information to the Governing Entity Regarding Public Health and the Official Responsibilities of the Health Department and of the Governing Entity		
	Standard 12.3: Encourage the Governing Entity's Engagement in the Public Health Department's Overall Obligations and Responsibilities		

Appendix 5
***Essential Components of a
Tuberculosis Prevention and Control Program***
<https://www.cdc.gov/mmwr/pdf/rr/rr4411.pdf>

The third column in the spreadsheet includes language in the
Essential Components of a Tuberculosis Prevention and Control Program
<https://www.cdc.gov/mmwr/pdf/rr/rr4411.pdf>

The fourth column includes any particular measures that are in some
way aligned with the language from the Essential Components.

Appendix 5
Essential Components of a Tuberculosis Prevention and Control Program

Domain	Standard	Program Standards and Comments	
Domain 1: Conduct and disseminate assessments focused on population health status and public health issues facing the community	Standard 1.1: Participate in or Lead a Collaborative Process Resulting in a Comprehensive Community Health Assessment		
	Standard 1.2: Collect and Maintain Reliable, Comparable, and Valid Data That Provide Information on Conditions of Public Health Importance and On the Health Status of the Population	Data Collection and Analysis -TB Registry -Drug Resistance Surveillance -Data Analysis and Program Evaluation	Measure 1.2.3
	Standard 1.3: Analyze Public Health Data to Identify Trends in Health Problems, Environmental Public Health Hazards, and Social and Economic Factors That Affect the Public's Health	Data Collection and Analysis Data Analysis and Program Evaluation	Measure 1.3.1
	Standard 1.4: Provide and Use the Results of Health Data Analysis to Develop Recommendations Regarding Public Health Policy, Processes, Programs, or Interventions	Develop an overall TB control strategy in Connection with providers, etc.	Measure 1.4.1
Domain 2: Investigate health problems and environmental public health hazards to protect the community	Standard 2.1: Conduct Timely Investigations of Health Problems and Environmental Public Health Hazards	Overall Planning and Policy Written policies and procedures. Rapid laboratory examination of specimens and reporting of results. The TB programs...should be able to provide guidance and oversight to local facilities and practitioners involved in TB control activities.	Measure 2.1.1 Measure 2.1.4 Measure 2.1.6
	Standard 2.2: Contain/Mitigate Health Problems and Environmental Public Health Hazards	Overall Planning and Policy Written policies and procedures with appropriate laws.	

		<p>An Overall TB Control Strategy and Written Policies and Procedures</p> <p>TB control programs should develop an overall TB control strategy in collaboration with local health care providers, professional societies, and voluntary organizations.</p>	<p>Measure 2.2.1</p>
	<p>Standard 2.3: Ensure Access to Laboratory and Epidemiologic / Environmental Public Health Expertise and Capacity to Investigate and Contain/Mitigate Public Health Problems and Environmental Public Health Hazards</p>	<p>Providing laboratory and diagnostic services.</p>	<p>Measures 2.3.2 and 2.3.3</p>
	<p>Standard 2.4: Maintain a Plan with Policies and Procedures for Urgent and Non-Urgent Communications</p>		
<p>Domain 3: Inform and education about public health issues and functions</p>	<p>Standard 3.1: Provide Health Education and Health Promotion Policies, Programs, Processes, and Interventions to Support Prevention and Wellness</p>	<p>Training and Education</p> <p>TB control programs should provide leadership in TB education in the community.</p>	<p>Measure 3.1.1</p>
	<p>Standard 3.2: Provide Information on Public Health Issues and Public Health Functions Through Multiple Methods to a Variety of Audiences</p>		
<p>Domain 4: Engage with the community to identify and address health problems</p>	<p>Standard 4.1: Engage with the Public Health System and the Community in Identifying and Addressing Health Problems Through Collaborative Processes</p>	<p>TB control programs should develop an overall TB control strategy in collaboration with local health care providers, professional societies, and voluntary organizations.</p>	
	<p>Standard 4.2: Promote the Community's Understanding of and Support for Policies and Strategies That will Improve the Public's Health</p>		
<p>Domain 5: Develop public health policies and plans</p>	<p>Standard 5.1: Serve As a Primary and Expert Resource for Establishing and Maintaining Public Health Policies, Practices, and Capacity</p>	<p>Overall Planning and Policy</p> <p>Advising Local Institutions and Practitioners</p> <p>TB control programs should provide consultation and oversight for the TB control activities of local facilities and practitioners (and local health departments where appropriate)</p>	

	Standard 5.2: Conduct a Comprehensive Planning Process Resulting in a Tribal/State/Community Health Improvement Plan		
	Standard 5.3: Develop and Implement a Health Department Organizational Strategic Plan		
	Standard 5.4: Maintain an All Hazards Emergency Operations Plan		
Domain 6: Enforce public health laws	Standard 6.1: Review Existing Laws and Work with Governing Entities and Elected/Appointed Officials to Update as Needed	<p>Appropriate Laws and Regulations to Support TB Control Activities</p> <p>TB control programs periodically should review applicable laws, regulations, and policies to ensure their consistency with currently recommended medical and public health practices. States and municipalities should create laws, regulations, and policies that support and a legal basis for TB control activities.</p> <p>TB control programs should have adequate legal authority and appropriate facilities available to isolate and treat patients who have infectious TB.</p>	Measure 6.1.1
	Standard 6.2: Educate Individuals and Organizations On the Meaning, Purpose, and Benefit of Public Health Laws and How to Comply		
	Standard 6.3: Conduct and Monitor Public Health Enforcement Activities and Coordinate Notification of Violations among Appropriate Agencies		
Domain 7: Promote strategies to improve access to health care services	Standard 7.1: Assess Health Care Service Capacity and Access to Health Care Services	TB control programs should ensure that the services needed to evaluate, treat, and monitor TB patient are readily available in each community.	
	Standard 7.2: Identify and Implement Strategies to Improve Access to Health Care Services		
Domain 8: Maintain a competent public health workforce	Standard 8.1: Encourage the Development of a Sufficient Number of Qualified Public Health Workers	Professional Education and Training (Texas Standards)	
	Standard 8.2: Ensure a Competent Workforce through Assessment of Staff Competencies, the Provision of Individual Training and Professional Development, and the Provision of a Supportive Work Environment	<p>Providing training and education</p> <p>Professional education of and training of new staff and continuing education of TB staff.</p>	Measures 8.2.3 and 8.2.5

Domain 9: Evaluate and continuously improve health department processes, programs, and interventions	Standard 9.1: Use a Performance Management System to Monitor Achievement of Organizational Objectives		
	Standard 9.2: Develop and Implement Quality Improvement Processes Integrated Into Organizational Practice, Programs, Processes, and Interventions		
Domain 10: Contribute to and apply the evidence base of public health	Standard 10.1: Identify and Use the Best Available Evidence for Making Informed Public Health Practice Decisions		
	Standard 10.2: Promote Understanding and Use of the Current Body of Research Results, Evaluations, and Evidence-based Practices with Appropriate Audiences		
Domain 11: Maintain administrative and management capacity	Standard 11.1: Develop and Maintain an Operational Infrastructure to Support the Performance of Public Health Functions	<p>The public health infrastructure must be rebuilt to meet the challenge of the recent resurgence of TB cases.</p> <p>Adequate Funding to conduct TB control activities.</p> <p>Protection of Confidentiality</p> <p>TB control programs should devise policies to ensure the data security and confidentiality of TB records. Local policies, regarding the security and confidentiality of such information, including HIV test results, must adhere to all laws applicable in state and local jurisdictions.</p>	Measures 11.1.3 and 11.1.6
	Standard 11.2: Establish Effective Financial Management Systems		
Domain 12: Maintain capacity to engage the public health governing entity	Standard 12.1: Maintain Current Operational Definitions and Statements of the Public Health Roles, Responsibilities, and Authorities		

	<p>Standard 12.2: Provide Information to the Governing Entity Regarding Public Health and the Official Responsibilities of the Health Department and of the Governing Entity</p>	<p>TB programs should educate policymakers about the local TB problem and local program priorities, needs, and objectives.</p>	<p>Measure 12.2.1</p>
	<p>Standard 12.3: Encourage the Governing Entity's Engagement in the Public Health Department's Overall Obligations and Responsibilities</p>		