

CDC-RFA-PS19-1904:

Capacity Building Assistance (CBA) for High Impact HIV Prevention

Program Integration

Evaluation and Performance Measurement Plan Guidance



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**Centers for Disease
Control and Prevention**
National Center for HIV/AIDS,
Viral Hepatitis, STD, and
TB Prevention

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CDC-RFA-PS19-1904: Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration: Evaluation and Performance Measurement Plan Guidance

Centers for Disease Control and Prevention’s (CDC) Evaluation and Performance Measurement Plan (EPMP) describes how the Notice of Funding Opportunity (NOFO) will be monitored and evaluated at the overall program level (i.e., all recipients combined). The plan lists all required program activities and outcomes; specifies measure calculations, sources, and reporting frequency; and describes when and how data will be collected, analyzed, and reported. The CDC EPMP will be finalized after the review and finalization of recipients’ component- (and track-, where applicable) specific EPMPs.

CDC Recommended Evaluation Framework for Program Evaluationⁱ

The PS19-1904 EPMP is based on the CDC’s Framework for Program Evaluation in Public Health. This framework outlines the steps in program evaluation practice and standards for effective program evaluation.

Figure 1: Recommended framework for program evaluation



A. Stakeholder Engagement

The PS19-1904 evaluation workgroup is comprised of staff from the Division of HIV/AIDS Prevention's (DHAP) Capacity Building Branch and Program Evaluation Branch with support from DHAP leadership, the Prevention Program Branch, and evaluation contractors. This workgroup is responsible for providing ongoing feedback on the measurement and evaluation-related issues which include data collection and reporting. Through ongoing partner engagement, the PS19-1904 evaluation workgroup will work closely with the PS19-1904 recipients to reduce data collection burden; identify issues that limit the recipients' ability to conduct performance monitoring and evaluation; share data collected by CDC with the PS19-1904 recipients for performance monitoring and evaluation, and program improvement; and collaborate on interpretation of the evaluation findings. The workgroup will engage the PS19-1904 recipients in peer-to-peer dialogue about lessons learned, successes, and challenges related to provision and evaluation of CBA services to the nation's HIV prevention workforce and improving the overall performance of CDC-funded programs.

B. Description of the Program

Purpose

In April 2019, CDC starts a new five-year funding cycle, NOFO PS19-1904: *Capacity Building Assistance (CBA) for High-Impact HIV Prevention Program Integration*, to implement a capacity building assistance (CBA) program to strengthen the capacity and improve the performance of the nation's HIV prevention workforce.

This NOFO supports a CBA Provider Network (CPN) to implement the following four program components: 1) national training; 2) regional technical assistance (TA); 3) continuous quality improvement and sustainability for CBOs; and 4) marketing and administrative support for the CPN. These components prioritize building individual competencies and technical expertise, strengthening organizational capacities, and enabling supportive structural environments for the HIV prevention workforce to optimally plan, integrate, implement, and sustain comprehensive HIV prevention programs and services. This NOFO promotes and supports national prevention goals, the HIV care continuum, and CDC's high-impact prevention (HIP) approach.

Objectives

This objectives of PS19-1904 are to:

- Reduce new HIV infections
- Increase access to care and improving health outcomes for persons with HIV (PWH), including achieving and sustaining viral suppression
- Reduce HIV-related health disparities and health inequities
- Achieve a more coordinated national response to the HIV epidemic.

Logic Model

The components and activities outline in the PS19-1904 logic model are intended to produce the following long-term outcomes:

- Reduced new HIV infections
- Increased access to care for PWH
- Improved health outcomes for PWH, including maintaining viral suppression
- Reduced mortality among PWH
- Reduced HIV-related health disparities

As depicted in the NOFO logic model, recipients are expected to implement comprehensive CBA services to an interdisciplinary HIV prevention workforce to demonstrate measureable progress toward addressing the outputs and short-term and intermediate outcomes.

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
Component 1: National Training	
Track A: eLearning Training Center	
<ol style="list-style-type: none"> 1. Maintain and update existing CDC-approved high-impact prevention (HIP) interventions, public health strategies (PHS), and topics of national importance eLearning trainings to reflect the most advanced science and practice 2. Create new CDC-approved eLearning trainings for HIP interventions, public health strategies, and topics of national importance 3. Update and transition classroom trainings to eLearning trainings for HIP interventions, public health strategies, and topics of national importance 4. Collaborate with Track B Classroom Learning Training Center to develop blended learning trainings for HIP interventions, PHS, and topics of national importance 5. Maintain national eLearning training schedule 	<p>Outputs:</p> <p>1A.1 Maintained and updated existing CDC-approved HIP interventions, PHS, and topics of national importance eLearning and blended learning trainings to reflect the most advanced science and practice</p> <p>1A.2 Increased number of new CDC-approved eLearning and blended learning trainings for HIP interventions, PHS, and topics of national importance</p> <p>1A.3 Increased number of classroom training curricula transitioned to eLearning or blended learning format for HIP interventions, PHS, and topics of national importance</p> <p>1A.4 Collaboration with Track B: Classroom Learning Training Center to develop blended learning trainings for HIP interventions, PHS, and topics of national importance</p> <p>1A.5 Increased number of organizations trained on new and existing trainings via eLearning or blended learning formats</p> <p>1A.6 Increased number of people trained via new and existing eLearning or blended learning trainings</p> <p>1A.7 Maintained national eLearning training schedule</p> <p>1A.8 Increased percentage of CDC-funded programs assessed for implementation challenges within 30 days of eLearning or blended learning training, as needed</p> <p>Short-term Outcomes:</p> <p>1A.9 Increased number of CDC-approved HIP interventions, PHS, and topics of national importance eLearning or blended learning trainings available in on CDC-approved learning management system (LMS)</p> <p>1A.10 Increased number of organizations implementing CDC-supported HIP interventions</p>

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	<p>and PHS</p> <p><i>Intermediate Outcomes:</i></p> <p>1A.11 Improved sustainability of HIP interventions and PHS being implemented by CDC-funded programs</p> <p>1A.12 Improved delivery of HIV testing services among priority populations</p> <p>1A.13 Increased identification of newly and previously diagnosed HIV infections</p> <p>1A.14 Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV-negative persons</p> <p>1A.15 Improved linkage to and retention in HIV medical care for PWH</p> <p>1A.16 Improved linkage to essential supportive services for PWH and HIV-negative persons</p>
Component 1: National Training	
Track B: Classroom Learning Training Center	
<ol style="list-style-type: none"> 1. Maintain and update existing CDC-approved HIP interventions, PHS, and topics of national importance classroom trainings to reflect the most advanced science and practice 2. Develop and implement new classroom and blended learning trainings for HIP interventions, PHS, and topics of national importance 3. Deliver existing and/or new CDC-approved classroom and blended trainings for HIP interventions, PHS, and topics of national importance 4. Collaborate with Track A eLearning Training Center to develop blended trainings for HIP interventions, PHS, and topics of national importance 5. Post and maintain national classroom and blended learning training schedule 	<p><i>Outputs:</i></p> <p>1B.1 Updated existing CDC-approved high-impact prevention (HIP) interventions, PHS, and topics of national importance classroom or blended learning training of facilitators (TOF) curricula to reflect the most advanced science and practice</p> <p>1B.2 Increased number of new CDC-approved classroom or blended learning HIP interventions, PHS, and topics of national importance TOF curricula</p> <p>1B.3 Increased number of Component 1, Track B trainers trained to conduct CDC-approved classroom or blended learning HIP interventions, PHS, and topics of national importance training of trainers (TOT) and TOF curricula</p> <p>1B.4 Increased number of existing and/or new CDC-approved HIP interventions, PHS, and topics of national importance classroom and blended trainings delivered</p> <p>1B.5 Increased number of organizations trained on new and existing trainings via classroom or blended learning formats</p> <p>1B.6 Increased number of people trained on new and existing trainings via classroom or blended learning</p> <p>1B.7 Increased percentage of CDC-funded programs assessed for implementation challenges within 30 days of classroom or blended learning training, as needed</p> <p>1B.8 Increased number of health departments trained via classroom or blended learning to conduct CDC-approved HIP interventions and PHS TOF</p> <p>1B.9 Increased number of health department staff trained via classroom or blended learning TOT curricula to conduct CDC-approved HIP interventions and PHS TOF</p> <p>1B.10 Increased percentage of health departments assessed for challenges to conducting TOF, within four months of the TOT and based on the health departments' training plan</p> <p>1B.11 Collaboration with Track A: eLearning Training Center to develop blended learning</p>

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	<p>trainings for HIP interventions, PHS, and topics of national importance</p> <p>1B.12 A plan to ensure continued Component 1, Track B trainer capacity to deliver all new and existing CDC-approved trainings</p> <p>1B.13 Maintained national classroom and blended learning training schedule</p> <p><i>Short-term Outcomes:</i></p> <p>1B.14 Increased CDC-approved trainings available in blended learning and classroom formats</p> <p>1B.15 Increased organizations implementing CDC-supported HIP interventions and PHS</p> <p>1B.16 Increased Component 1, Track B trainers with the capacity to deliver CDC-approved classroom or blended learning trainings</p> <p>1B.17 Increased health departments conducting HIP interventions and PHS TOFs using CDC-approved classroom and blended trainings, where staff have successfully completed CDC-approved TOT and the TOF are within a health department’s plan</p> <p>1B.18 Continued Component 1, Track B trainer capacity to deliver all new and existing CDC-approved classroom or blended learning training</p> <p><i>Intermediate Outcomes:</i></p> <p>1B.19 Improved sustainability of HIP interventions and PHS being implemented by CDC-funded programs</p> <p>1B.20 Improve delivery of HIV testing services</p> <p>1B.21 Increased identification of newly and previously diagnosed HIV infections</p> <p>1B.22 Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV-negative persons</p> <p>1B.23 Improved linkage to and retention in HIV medical care for PWH</p> <p>1B.24 Improved linkage to essential supportive services for PWH and HIV-negative persons</p>
Component 2: Regional Technical Assistance	
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)	
<ol style="list-style-type: none"> Develop and implement a plan to provide regional TA within one region to build capacity to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV Develop and implement annual jurisdictional CBA plans 	<p><i>Outputs:</i></p> <p>2A.1 Number of CDC-funded programs with capacity building assistance (CBA) needs and service priorities to build capacity to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV</p> <p>2A.2 Number of jurisdictional CBA plans to provide TA within the jurisdiction to build capacity to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV</p> <p>2A.3 Regional plans to provide TA within the region to build capacity to increase knowledge of HIV status and to prevention new HIV infections and reduce transmission of HIV</p>

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	<p>2A.4 Promotion of TA communication, collaboration, and coordinated activities within the regions</p> <p>2A.5 Promotion of TA communication, collaboration, and coordinated activities across regions</p> <p>2A.6 Number of organizations provided TA to build capacity to increase clinical HIV testing and knowledge of HIV status</p> <p>2A.7 Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV</p> <p>2A.8 Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training</p> <p>2A.9 Increase number and type of tailored TA products, resources, and materials developed to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV</p> <p><i>Short-term Outcomes:</i></p> <p>2A.10 Strengthened capacity of CDC-funded programs to implement clinical HIV testing</p> <p>2A.11 Strengthened capacity of CDC-funded programs to implement services to prevent new HIV infections and reduce transmission of HIV</p> <p><i>Intermediate Outcomes:</i></p> <p>2A.12 Improved delivery of clinical HIV testing services</p> <p>2A.13 Increased identification of newly and previously diagnosed HIV infections</p> <p>2A.14 Improved linkage to HIV prevention services to PWH</p> <p>2A.15 Improved linkage to and retention in HIV medical care for PWH</p> <p>2A.16 Improved linkage to essential supportive services for PWH</p>
Component 2: Regional Technical Assistance	
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons	
<p>1. Develop and implement a plan to provide regional TA within one region to build capacity to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV</p> <p>2. Develop and implement annual jurisdictional CBA plans</p>	<p><i>Outputs:</i></p> <p>2B.1 Number of CDC-funded programs with capacity building assistance (CBA) needs and service priorities to build capacity to increase knowledge of HIV status and to prevention new HIV infections and reduce transmission of HIV</p> <p>2B.2 Number of jurisdictional CBA plans to provide TA within each jurisdiction to build capacity to increase knowledge of HIV status and to prevention new HIV infections and reduce transmission of HIV</p> <p>2B.3 Regional plans to provide TA within the region to build capacity to increase knowledge of HIV status and to prevention new HIV infections and reduce transmission of HIV</p> <p>2B.4 Promotion of TA communication, collaboration, and coordinated activities within</p>

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	<p>regions</p> <p>2B.5 Promotion of TA communication, collaboration, and coordinated activities across regions</p> <p>2B.6 Number of organizations provided TA to build capacity to increase nonclinical HIV testing and knowledge of HIV status</p> <p>2B.7 Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV</p> <p>2B.8 Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training</p> <p>2B.9 Increased number and type of tailored TA products, resources, and materials developed to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV</p> <p><i>Short-term Outcomes:</i></p> <p>2B.10 Strengthened capacity of CDC-funded programs to implement nonclinical HIV testing</p> <p>2B.11 Strengthened capacity of CDC-funded programs to implement services to prevent new HIV infections and reduce transmission of HIV</p> <p><i>Intermediate Outcomes:</i></p> <p>2B.12 Improved delivery of nonclinical HIV testing services among priority populations</p> <p>2B.13 Increased identification of newly and previously diagnosed HIV infections</p> <p>2B.14 Improved linkage to HIV prevention services for HIV-negative persons</p> <p>2B.15 Improved linkage to essential supportive services for HIV-negative persons</p>
Component 2: Regional Technical Assistance	
Track C: Integrated HIV Activities and Structural Interventions	
<p>1. Develop and implement a plan to provide regional TA within one region to build capacity to implement integrated HIV activities and structural interventions</p> <p>2. Develop and implement annual jurisdictional CBA plans</p>	<p>Outputs:</p> <p>2C.1 Number of CDC-funded programs with capacity building assistance (CBA) needs and service priorities to implement integrated HIV activities and to implement structural interventions</p> <p>2C.2 Number of jurisdictional CBA plans to provide TA within the jurisdiction to implement integrated HIV activities and to implement structural interventions</p> <p>2C.3 Regional plans to provide TA within the region to implement integrated HIV activities and to implement structural interventions</p> <p>2C.4 Promotion of TA communication, collaboration, and coordinated activities within regions</p> <p>2C.5 Promotion of TA communication, collaboration, and coordinated activities across regions</p> <p>2C.6 Number of organizations provided TA to build capacity to implement integrated HIV</p>

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	<p>activities</p> <p>2C.7 Number of organizations provided TA to build capacity to implement structural interventions</p> <p>2C.8 Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training</p> <p>2C.9 Increased number and type of tailored TA products, resources, and materials developed to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV</p> <p><i>Short-term Outcomes:</i></p> <p>2C.10 Strengthened capacity of CDC-funded programs to implement integrated HIV activities</p> <p>2C.11 Strengthened capacity of CDC-funded programs to implement structural interventions</p> <p><i>Intermediate Outcomes:</i></p> <p>2C.12 Increased identification of newly and previously diagnosed HIV infections</p> <p>2C.13 Improved linkage to HIV prevention services for PWH and HIV-negative persons</p> <p>2C.14 Improved linkage to and retention in HIV medical care for PWH</p> <p>2C.15 Improved linkage to essential supportive services for PWH and HIV-negative persons</p>
Component 3: Continuous Quality Improvement and Sustainability for Community-Based Organizations	
<p>1. Develop and conduct a distance-learning program for CDC-funded CBO leadership to address continuous quality improvement and organizational sustainability</p> <p>2. Develop and implement monitoring and evaluation of the distance-learning program</p>	<p><i>Outputs:</i></p> <p>3.1 A distance-learning program for CDC-funded community-based organization (CBO) leadership to address continuous quality improvement and organizational sustainability, including a curriculum, products, tools, and materials</p> <p>3.2 Delivery of distance-learning program for CDC-funded community-based organization (CBO) leadership to address continuous quality improvement and organizational sustainability</p> <p>3.3 A plan for monitoring and evaluation of the distance-learning program including an approved Office of Management and Budget Paperwork Reduction Act (OMB/PRA) and project determination package</p> <p>3.4 Implementation of the approved and cleared monitoring and evaluation plan for the distance-learning program</p> <p>3.5 Use of evaluation findings to continuously provide quality improvement of the distance-learning program</p> <p><i>Short-term Outcomes:</i></p> <p>3.6 Improved capacity of CDC-funded CBOs to plan, manage, and sustain HIV prevention programs and services and to reduce HIV-related disparities</p>

Table 1: Logic Model: PS19-1904 Capacity Building Assistance (CBA) for High Impact HIV Prevention Program Integration	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	<p><i>Intermediate Outcomes:</i></p> <p>3.7 Improved sustainability of HIP interventions and PHS being implemented by CDC-funded programs</p> <p>3.8 Improved delivery of HIV testing services among priority populations</p> <p>3.9 Increased identification of newly and previously diagnosed HIV infections</p> <p>3.10 Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV-negative persons</p> <p>3.11 Improved linkage to and retention in HIV medical care for PWH</p> <p>3.12 Improved linkage to essential supportive services for PWH and HIV-negative persons</p>
Component 4: Marketing and Administrative Support for Capacity Building Assistance (CBA) Provider Network (CPN)	
<p>1. Develop and implement national and regional marketing plans</p> <p>2. Administrative support for CPN communication, coordination, and collaboration</p>	<p><i>Outputs:</i></p> <p>4.1 CDC-approved national and regional marketing plan in collaboration with the other NOFO recipients to increase visibility of the capacity building assistance (CBA) program and services</p> <p>4.2 Implementation of CDC-approved national and regional marketing plan including products, materials, and marketing activities in collaboration with the other NOFO recipients to increase visibility of the CBA program and services</p> <p>4.3 Workgroup meetings and other professional activities planned and facilitated with CDC and NOFO recipients to further communication, coordination, and collaboration among CPN members</p> <p>4.4 Documented communication, coordination, and collaboration among CPN members</p> <p><i>Short-term Outcomes:</i></p> <p>4.5 Increased HIV prevention workforce knowledge of CBA services and resources</p> <p>4.6 Increased HIV prevention workforce use of CBA services and resources</p> <p><i>Intermediate Outcomes:</i></p> <p>Same as component 3</p>

*Note: Outputs and outcomes in bold will be required to be measured and reported to CDC as part of the evaluation plan.

C. Focus on the evaluation design

Purpose of the Evaluation

The purpose of this evaluation is to monitor and evaluate the implementation of PS19-1904 activities. Through a strategic and streamlined evaluation of data, the measures and indicators reported will provide insights into how well CBA services meet the needs of its stakeholders. CDC's approach to monitoring, evaluation, accountability, and quality assurance includes the assessment of the following key components:

- Progress toward achieving the intended performance objectives of the NOFO
- Contribution of each funded recipient to overall program performance
- Effectiveness in key performance areas
- Continuous program improvement
- Quality of CBA service tracking information provided
- Accountability of funds

Monitoring and Evaluation Questions

A detailed outline of the monitoring and evaluation questions for each of the PS19-1904 components and tracks are outlined in Section D: Gathering Credible Evidence. Sections E and F describe how the answers to the evaluation questions will be derived and disseminated by the anticipated primary users of the evaluation. Primary users include CDC and CBA provider staffs. Table 2 offers examples of how each stakeholder group may use the evaluation findings for program monitoring and program planning.

Primary Users of the Evaluation

Stakeholders	How Evaluation Findings will be Used
DHAP branches	Monitoring overall program and individual funding recipients to ensure quality and accountability of program outputs and outcomes; determine progress toward achieving the intended project period outcomes; evaluate program effectiveness; share lessons learned and best practices; improve tracking information and data quality; improve program implementation; and direct oversight for program monitoring
DHAP leadership	Develop policies and guidance to guide CBA services supporting HIV prevention efforts
CBA providers (i.e., funding recipients)	Use evaluation findings for continuous program quality improvement, efficient planning of CBA services regionally and nationally, and identification of HIV prevention workforce needs for HIV prevention activities

With stakeholders' needs in mind, the monitoring and evaluation questions for each of the PS19-1904 components are aligned to overarching evaluation questions that when answered reveal opportunities for program improvement and measurement of program impact. The evaluation questions for the overall CBA program include but are not limited to:

1. How can CBA services be improved?
2. How have CBA services been applied to improve HIV prevention activities?
3. How do CBA services affect CBA recipients' HIV prevention service delivery?

CDC will use multiple methods of data collection to answer the evaluation questions, such as online TA and training surveys that include quantitative and qualitative information, satisfaction and outcome information, TA request tracking information, training registration and completion data, regional and jurisdictional plan information, and National HIV Monitoring and Evaluation data from CDC-funded programs.

Evaluation Methods

Evaluation methods include the collection and analysis of quantitative and qualitative data on program implementation and performance collected by CDC; PS19-1904 recipients' tracking documentation of CBA service requests and delivery in the CDC-approved applications (e.g., software), systems (e.g., CDC Online Training System, online training calendar, and online request and tracking system); tracking of key output and outcome performance indicators; review of PS19-1904 Feedback Reports, Annual Performance Reports (APRs), and annual Federal Financial Reports. In addition, information from site visits and monitoring conference calls with recipients will be used to document program progress, lessons learned, and challenges/barriers. CDC evaluation and performance measurement for the PS19-1904 program will be conducted by CBB program evaluators, subject matter experts, and program consultants.

Evaluation Design

Refer to Section D: Gathering Credible Evidence that describes how the implementation of PS19-1904 will be monitored and evaluated across all the PS19-1904 recipients.

D. Gathering Credible Evidence

PS19-1904 Monitoring and Evaluation Questions, Indicators, and Data Sources

Quantitative indicators and qualitative indicators are shown in the tables below. Each component has its own table with component-specific and track-specific (where applicable) performance indicators and measures. CDC will work with the recipients to finalize their detailed Evaluation Performance Management Plan (EPMP) within the first six months of the award, including a Data Management Plan (DMP), in accordance with CDC program guidance. Recipients will be required to establish performance targets in accordance with CDC's minimum and maximum targets described in the NOFO. CDC will assess recipients' progress toward achieving outputs, short-term and intermediate outcomes using data collected by CDC and PS19-1904 recipients. Recipients will be expected to document CBA service delivery and outputs using CDC-approved applications and systems (e.g., CDC Online Training System, online training calendar, online CBA request tracking system and APRs). In addition to the above data sources submitted by recipients, CDC will use other data sources including but not limited to assessment of CBA service recipients after CBA service delivery, post-training evaluations, post-TA evaluations, training recipient demographic and organizational data, and program performance data from CDC-funded programs (CDC's National HIV Prevention Program Monitoring and Evaluation [NHM&E] data).

CDC will use the data collected for monitoring, evaluation, accountability, and improvement of recipient work in accomplishing programmatic goals. CDC will review the data to monitor the recipient performance and accomplishment of work plan objectives and activities, to assess individual recipients' progress toward achieving outputs, to monitor recipients' accomplishment of short-term and intermediate outcomes identified in the program logic model, to identify recipients' challenges and potential solutions, and to improve the recipients' performance. CDC will review the data to monitor recipient performance by component, track, and region.

CDC will use the data to produce reports on the program's accomplishments, achievement of key indicators and outcomes, feedback reports, and other monitoring and evaluation reports. Evaluation findings can be used by recipients and CDC to ensure continuous program and system improvement, help create an evidence base for CBA strategies, demonstrate the value of the NOFO (e.g., improved capacity of the HIV prevention workforce to deliver high impact HIV prevention strategies), and assess which CBA strategies are scalable and effective at reaching a diverse group of populations. CDC will provide recipients with access to CBA service delivery and CBA consumer (target population) data on a regular basis to use for their program monitoring and evaluation, continuous quality improvement, and program planning. For each component, these data will include, but are not limited to, the following:

Data*	Program Components			
	National Training	Regional Technical Assistance	Continuous Quality Improvement & Sustainability for Community-based Organizations	Marketing & Administrative Support for CPN
CBA recipient organizational data	X	X	X	X
CBA trainee registration, contact, and demographic information	X	X	X	X
Technical assistance (TA) delivery and tracking information	X	X	X	
Training delivery and planning information	X	X		
Post course evaluations	X	X		
Training attendance and completion	X	X		X
Follow-up assessment information including satisfaction and implementation activities	X	X	X	X
CBA plans at the regional and jurisdictional levels	X	X	X	
TA assessment and linkage following training	X	X		
Analytics of CBA providers usage of CBA Provider Network (CPN) marketing materials				X
Analytics on the HIV prevention workforce usage of CPN marketing materials	X	X		X
Registration and training information for training conducted by health departments with staff who completed training of trainers	X	X		

*Please note some data for the components may come from differing sources.

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
<p>Output 1A.1: Maintained and updated existing CDC-approved high-impact prevention (HIP) intervention, public health strategies (PHS), and topics of national importance eLearning and blended learning trainings to reflect the most advanced science and practice</p>		<p>Measure 1A.1: Number of maintained and updated existing CDC-approved eLearning and blended learning trainings</p>	<p>Count: Number of maintained and updated existing CDC-approved eLearning and blended learning trainings</p>	Cleared Product Inventory	
<p>Output 1A.2: Increased number of new CDC-approved eLearning and blended learning trainings for HIP interventions, PHS, and topics of national importance</p>		<p>Measure 1A.2: Number of new CDC-approved eLearning and blended learning training curricula cleared and determined to be 508 compliant (if applicable) by CDC</p>	<p>Count: Number of new CDC-approved training curricula cleared and determined to be 508 compliant (if applicable) by CDC</p>	Cleared Product Inventory	min. 3 new curricula per year
<p>Output 1A.3: Increased number of classroom training curricula transitioned to eLearning or blended learning format for HIP interventions, PHS, and topics of national importance</p>		<p>Measure 1A.3: Number of CDC-approved classroom training curricula transitioned to an eLearning or blended learning format, cleared, and determined to be 508 compliant (if applicable) by CDC</p>	<p>Count: Number of CDC-approved classroom training curricula transitioned to an eLearning or blended learning format, cleared, and determined to be 508 compliant (if applicable) by CDC</p>	Cleared Product Inventory	min. 3 curricula per year

**Component 1: National Training
Track A: eLearning Training Center**

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 1A.4: Collaboration with Track B: Classroom Learning Training Center to develop blended learning trainings for HIP interventions, public health strategies, and topics of national importance		Measure 1A.4a: Number of new CDC-approved blended learning trainings cleared and determined to be 508 compliant (if applicable) by CDC	Count: Number of new blended learning trainings cleared and determined to be 508 compliant (if applicable) by CDC	Cleared Product Inventory	
		Measure 1A.4b: Number of existing CDC-approved blended learning trainings maintained and updated	Count: Number of existing blended learning trainings maintained and updated		
Output 1A.5: Increased number of organizations trained on new and existing trainings via eLearning or blended learning formats		Measure 1A.5: Number of organizations whose staff attended new and existing eLearning or blended learning trainings	Count: Number of organizations whose staff attended new and existing eLearning or blended learning trainings (Unduplicated count of organizations)	CDC Online Training System	
Output 1A.6: Increased number of people trained via new and existing eLearning or blended learning trainings		Measure 1A.6: Number and percentage of persons who successfully completed new and existing eLearning or blended learning trainings	Count: Number of persons who successfully completed trainings	CDC Online Training System	
			Numerator: Number of persons from the denominator who successfully completed trainings		
			Denominator: Number of persons who attended new and existing		

**Component 1: National Training
Track A: eLearning Training Center**

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			eLearning or blended learning trainings		
Output 1A.7: Maintained national eLearning training schedule		Measure 1A.7: A national eLearning training schedule	Count: A national eLearning training schedule	Annual Performance Report (APR)	
Output 1A.8: Increased percentage of CDC-funded programs assessed for implementation challenges within 30 days of eLearning or blended learning training, as needed		Measure 1A.8: Number and percentage of CDC-funded programs assessed for implementation challenges within 30 days of an eLearning or blended learning training	Count: Number of CDC-funded programs, assessed for implementation challenges within 30 days of a training noted in the CDC online request tracking system	CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator assessed for implementation challenges within thirty days of training		
			Denominator: Number CDC-funded program organizations where staff have attended an eLearning or blended learning training		
Short-term Outcome 1A.9: Increased number of CDC-approved HIP interventions, PHS, and topics of national importance eLearning or blended learning	Question 1A.9: To what extent did the number and percentage of CDC-approved trainings, made available on CDC-approved LMS, increase?	Measure 1A.9: Number and percentage of CDC-approved eLearning or blended learning trainings available on CDC-approved LMS	Count: Number of CDC-approved eLearning or blended learning trainings on CDC-approved LMS	Cleared Product Inventory	
Numerator: Number of CDC-approved eLearning or blended learning					

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
trainings available in on CDC-approved learning management system (LMS)			trainings available on CDC-approved LMS		
			Denominator: Number of CDC-approved eLearning or blended learning trainings		
Short-term Outcome 1A.10: Increased number of organizations implementing CDC-supported HIP interventions and PHS	Question 1A.10: To what extent did the number and percentage of organizations implementing CDC-supported HIP interventions and PHS increase within 3 and 6 months of receipt of training?	Measure 1A.10a: Number and percentage of organizations implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training	Count: Number of organizations implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training	CDC Online Training System	
			Numerator: Number of organizations from the denominator implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training		
			Denominator: Number of organizations trained on CDC-supported HIP interventions and PHS training		
		Measure 1A.10b: Number and percentage of organizations implementing CDC-supported HIP interventions and PHS within 6 months of the receipt of training			
			Count: Number of organizations implementing CDC-supported HIP interventions and PHS within 6 months of the receipt of training		
			Numerator: Number of organizations from the denominator implementing		

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			<p>CDC- supported HIP interventions and PHS within 6 months of the receipt of training</p> <p>Denominator: Number of organizations trained on CDC- supported HIP interventions and PHS training</p>		
<p>Intermediate Outcome 1A.11: Improve sustainability of HIP interventions and PHS being implemented by CDC-funded programs</p>	<p>Question 1A.11: To what extent did CDC-funded programs sustain implementation of HIV interventions and PHS 12 months after receipt of training?</p>	<p>Measure 1A.11: The number and percentage of CDC-funded programs that sustained implementation of HIP interventions and PHS 12 months after the receipt of training</p>	<p>Count: Number of CDC-funded programs that sustained implementation of HIP interventions and PHS 12 months after the receipt of training</p> <p>Numerator: Number of CDC-funded programs from the denominator that sustained implementation of HIP interventions and PHS 12 months after the receipt of training</p> <p>Denominator: Number of CDC-funded programs receiving training</p>	CDC Online Training System	
<p>Intermediate Outcome 1A.12: Improved delivery of HIV testing services among priority populations</p>	<p>Question 1A.12: To what extent did CDC-funded programs, which received CBA services, meet local objectives[†] for or increase* the number of people tested for HIV?</p>	<p>Measure 1A.12: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives[†] for or increased* the number of persons tested for HIV</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives[†] for or increased* the number of persons tested for HIV</p> <p>Numerator: Number of CDC-funded programs from the denominator</p>	<p>CDC's National HIV Prevention Program Monitoring and Evaluation (NHM&E)</p> <p>CDC-funded programs' work plans</p> <p>and</p>	

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			that met their program objectives or increased the number of people tested for HIV Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing	CDC Online CBA Tracking System	
Intermediate Outcome 1A.13: Increase identification of newly and previously diagnosed HIV infections	Question 1A.13: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the identification of diagnosed HIV infections?	Measure 1A.13a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections	NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections		
		Measure 1A.13b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of	Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing		
			Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections		
Numerator:					

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
		“previously” diagnosed HIV infections	<p>Number of CDC-funded programs from the denominator that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing</p>		
<p>Intermediate Outcome 1A.14: Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV-negative persons</p>	<p>Question 1A.14a: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to risk reduction services?</p>	<p>Measure 1A.14a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to risk reduction</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH linked to risk reduction</p>	<p>NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System</p>	
			<p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to risk reduction</p>		
			<p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH</p>		

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	Question 1A.14b: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-negative persons linked to risk reduction services?	Measure 1A.14b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services?	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services?</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services?</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons</p>		
Intermediate Outcome 1A.15: Improved linkage to and retention in HIV medical care for PWH	Question 1A.15: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to HIV care?	Measure 1A.15: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to HIV care	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH linked to HIV care</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to HIV care</p> <p>Denominator:</p>	NHM&E CDC-funded programs' work plans and CDC Online CBA Tracking System	

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Number of CDC-funded programs receiving CBA services related to prevention with PWH		
Intermediate Outcome 1A.16: Improved linkage to essential supportive services for PWH and HIV-negative persons	Question 1A.16a: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH screened and referred to essential supportive services (i.e. housing, mental health, etc.)?	Measure 1A.16a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services	NHM&E CDC-funded programs' work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services		
	Question 1A.16b: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-	Measure 1A.16b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative persons'	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* percentage of HIV-negative persons' screened and referred to essential supportive services		

Component 1: National Training
Track A: eLearning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	negative persons' screened and referred to essential supportive services?	screened and referred to essential supportive services to essential supportive services	<p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative persons' screened and referred to essential supportive services</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons</p>		

†The term “local objectives” is used to denote locally defined performance benchmarks that have been negotiated and agreed upon by the recipient and their assigned project officer as well as established NOFO targets. Local objectives or NOFO targets may not be applicable to all measures, in which case program increases will be used to denote performance improvement.

* Increase in performance prior to CBA service delivery

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
<p>Output 1B.1: Updated existing CDC-approved high-impact prevention (HIP) interventions, public health strategies (PHS), and topics of national importance classroom or blended learning training of facilitators (TOF) curricula to reflect the most advanced science and practice</p>		<p>Measure 1B.1: Number of existing CDC-approved classroom or blended learning TOF updated, cleared, and determined to be 508 compliant (if applicable) by CDC</p>	<p>Count: Number of existing CDC-approved TOF updated, cleared, and determined to be 508 compliant (if applicable) by CDC</p>	Cleared Product Inventory	min. 3
<p>Output 1B.2: Increased number of new CDC-approved classroom or blended learning HIP interventions, PHS, and topics of national importance TOF curricula</p>		<p>Measure 1B.2: Number of new CDC-approved classroom or blended learning TOF cleared and determined to be 508 compliant (if applicable) by CDC</p>	<p>Count: Number of new CDC-approved classroom or blended learning TOF cleared and determined to be 508 compliant (if applicable) by CDC</p>	Cleared Product Inventory	min. 3

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 1B.3: Increased number of Component 1, Track B trainers trained to conduct CDC-approved classroom or blended learning HIP interventions, PHS, and topics of national importance training of trainers (TOT) and TOF curricula		Measure 1B.3: Number of Component 1, Track B trainers trained to conduct CDC-approved classroom or blended learning TOT and TOF curricula	Count: Number of Component 1, Track B trainers trained to conduct CDC-approved classroom or blended learning TOT and TOF	CDC Online Training System	min. 3 per TOF and TOT
Output 1B.4: Increased number of existing and/or new CDC-approved HIP interventions, PHS, and topics of national importance classroom and blended trainings delivered		Measure 1B.4: Number of existing and/or new CDC-approved classroom trainings and classroom sessions as part of blended learning trainings delivered	Count: Number of existing and/or new CDC-approved classroom trainings and classroom sessions as part of blended learning trainings delivered	CDC Online Training System	min. 150
Output 1B.5: Increased number of organizations trained on new and existing trainings via classroom or blended learning formats		Measure 1B.5: Number of organizations whose staff attended new and existing eLearning or blended learning trainings	Count: Number of organizations whose staff attended new and existing classroom or blended learning trainings	CDC Online Training System	Unduplicated count of organizations

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 1B.6: Increased number of people trained on new and existing trainings via classroom or blended learning		Measure 1B.6: Number and percentage people who successfully completed CDC-approved classroom or blended learning trainings	Count: Number people who successfully completed classroom or blended learning trainings	CDC Online Training System	
			Numerator: Of the denominator those people who completed		
			Denominator: Number people who attended CDC-approved classroom or blended learning trainings		
Output 1B.7: Increased percentage of CDC-funded programs assessed for implementation challenges within 30 days of classroom or blended learning training, as needed		Measure 1B.7: Number and percentage of CDC-funded programs assessed for implementation challenges within 30 days of a classroom or blended learning training	Count: Number of CDC-funded programs, assessed for implementation challenges within 30 days of a training noted in the CDC online CBA tracking system	CDC Online Request Tracking System	
			Numerator: Number of CDC-funded programs from the denominator assessed for implementation challenges within 30 days of training		
			Denominator: Number CDC-funded program organizations where staff have attended a classroom or blended learning training		

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
<p>Output 1B.8: Increased number of health departments trained via classroom or blended learning to conduct CDC-approved HIP interventions and PHS TOF</p>		<p>Measure 1B.8: Number of health departments with staff who completed CDC-approved TOT</p>	<p>Count: Number of health departments with staff who completed CDC-approved TOT</p>	<p>CDC Online Training System</p> <p>CDC Online CBA Tracking System</p>	
<p>Output 1B.9: Increased number of health department staff trained via classroom or blended learning TOT curricula to conduct CDC-approved HIP interventions and PHS TOF</p>		<p>Measure 1B.9: Number of health department staff trained who successfully completed CDC-approved TOT curricula</p>	<p>Count: Number of health department staff trained who successfully completed CDC-approved TOT curricula</p>	<p>CDC Online Training System</p> <p>CDC Online CBA Tracking System</p>	
<p>Output 1B.10: Increased percentage of health departments assessed for challenges to conducting TOF, within four months of the TOT and based on the health departments' training plan</p>		<p>Measure 1B.10: Number and percent of health departments assessed for challenges to conducting TOF, within four months of the TOT and based on the health department's training plan</p>	<p>Count: Number of health departments assessed for challenges to conducting TOF, within four months of the TOT and based on the health department's training plan</p> <p>Numerator: Number of health departments from the denominator assessed for challenges to conducting TOF, within four months of TOT and based on the health department's training plan</p>	<p>CDC Online CBA Tracking System</p>	

Component 1: National Training Track B: Classroom Learning Training Center					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator: Number of health department trainees who successfully completed TOT		
Output 1B.11: Collaboration with Track A: eLearning Training Center to develop blended learning trainings for HIP interventions, PHS, and topics of national importance		Measure 1B.11a: Number of blended learning trainings cleared and determined to be 508 compliant (if applicable) by CDC	Count: Number of blended learning trainings cleared and determined to be 508 compliant (if applicable) by CDC	Cleared Product Inventory	
		Measure 1B.11b: Number of blended learning trainings met their program objectives for and updated	Count: Number of blended learning trainings met their program objectives for and updated		
Output 1B.12: A plan to ensure continued Component 1, Track B trainer capacity to deliver all new and existing CDC-approved trainings		Measure 1B.12: Plan developed to ensure the continued Component 1, Track B trainer capacity to deliver all new and existing CDC-approved trainings within the first six months of award	Count: Plan developed to ensure the continued Component 1, Track B trainer capacity to deliver all new and existing CDC-approved trainings within first six months of award	Annual Performance Report (APR)	
Output 1B.13: Maintained national classroom and blended learning training schedule		Measure 1B.13: A national classroom and blended learning training schedule	Count: A national classroom and blended learning training schedule	Annual Performance Report (APR)	
	Question 1B.14:	Measure 1B.14:	Count:		

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Short-term Outcome 1B.14: Increased CDC-approved trainings available in classroom and blended learning formats	To what extent was there an increase in the number and percent of CDC-approved TOF trainings available in classroom and blended learning formats?	Number and percent of CDC-approved TOF trainings available in classroom and blended learning formats	Number of existing CDC-approved TOF trainings available in classroom and blended learning formats	Cleared Product Inventory	
			Numerator: Number of denominator TOF trainings available in classroom and blended learning formats		
			Denominator: Number of CDC-approved HIP interventions and public health strategies TOF		
Short-term Outcome 1B.15: Increased number of organizations implementing CDC-supported HIP interventions and PHS	Question 1B.15: To what extent did the number and percentage of organizations implementing CDC-supported HIP interventions and PHS within 3 and 6 months of receipt of training increase?	Measure 1B.15a: Number and percentage of organizations implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training	Count: Number of organizations implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training	CDC Online Training System	
			Numerator: Number of organizations from the denominator implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training		
			Denominator: Number of organizations trained on CDC-supported HIP interventions and PHS training		
		Measure 1B.15b:	Count:		

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
		Number and percentage of organizations implementing CDC-supported HIP interventions and PHS within 6 months of the receipt of training	<p>Number of organizations implementing CDC-supported HIP interventions and within 6 months of the receipt of training</p> <p>Numerator: Number of organizations from the denominator implementing CDC-supported HIP interventions and PHS within 6 months of the receipt of training</p> <p>Denominator: Number of organizations trained on CDC-supported HIP interventions and PHS training</p>		
<p>Short-term Outcome 1B.16: Increased number of Component 1, Track B trainers with the capacity to deliver CDC-approved TOT and classroom or blended learning TOF trainings</p>	<p>Question 1B.16: The extent to which there was an increase in the number of Component 1, Track B trainers trained and competent to deliver CDC-approved classroom or blended learning TOT and TOF?</p>	<p>Measure 1B.16: Number of Component 1, Track B trainers trained and competent to deliver CDC-approved classroom or blended learning TOT and TOF</p>	<p>Count: Number of Component 1, Track B trainers trained and competent to deliver CDC-approved classroom or blended learning TOT and TOF</p>	CDC Online Training System	min. 6 trainers per TOF/TOT
<p>Short-term Outcome 1B.17: Increased health departments conducting HIP interventions and PHS TOFs using CDC-</p>	<p>Question 1B.17: The extent to which there was an increase in the number and percentage of health departments where</p>	<p>Measure 1B.17: Number and percentage of health departments where staff have successfully completed CDC-approved TOT and based on the</p>	<p>Count: Number TOF conducted by health departments where staff have successfully completed CDC-approved TOT, within agreed upon timeframe</p>	To be determined	

Component 1: National Training Track B: Classroom Learning Training Center					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
approved classroom and blended trainings, where staff have successfully completed CDC-approved TOT and the TOF are within a health department's plan	staff have successfully completed CDC-approved TOT and based on the health departments training plan, are increasing conducting TOF?	health departments training plan, are also conducting TOF	and based on the health department's training plan		
			Numerator: Number of TOF conducted by health departments, where the staff has successfully completed TOT trainings		
			Denominator: Number of TOF planned by health departments, where the staff has successfully completed TOT trainings, within agreed upon timeframe and based on the health department's training plan		
Short-term Outcome 1B.18: Continued Component 1, Track B trainer capacity to deliver all new and existing CDC-approved classroom or blended learning trainings	Question 1B.18: The extent to which the number of Component 1, Track B trainers are trained to and capable of delivering each classroom and blended learning	Measure 1B.18a: Within the first six months of award, number of Component 1, Track B trainers, who are trained to deliver each classroom and blended learning training	Count: Within the first six months of award, number of Component 1, Track B trainers, who are trained to deliver each classroom and blended learning training	CDC Online Training System	min. 6 trainers per curriculum

Component 1: National Training Track B: Classroom Learning Training Center					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	within the first six months of award?	Measure 1B.18b: Maintain a minimum of 6 qualified Component 1, Track B trainers capable of delivering each new and existing CDC-approved classroom and blended training.	Count: Maintain a minimum of 6 qualified Component 1, Track B trainers capable of delivering each new and existing CDC-approved classroom and blended training.		min. 6 trainers per training
Intermediate Outcome 1B.19: Improve sustainability of HIP interventions and PHS being implemented by CDC-funded programs	Question 1B.19: To what extent did CDC-funded programs sustain implementation of HIP interventions and PHS 12 months after receipt of training?	Measure 1B.19: The number and percentage of CDC-funded programs that sustained implementation of HIP interventions and PHS 12 months after receipt of training	Count: Number of CDC-funded programs that sustained implementation of HIP interventions and PHS 12 months after receipt of training	CDC Online Training System	
			Numerator: Number of CDC-funded programs from the denominator that sustained implementation of HIP interventions and PHS 12 months after receipt of training		
			Denominator: Number of CDC-funded programs receiving training		
Intermediate Outcome 1B.20: Improved delivery of HIV testing services	Question 1B.20: To what extent did CDC-funded programs, which received CBA services, meet local	Measure 1B.20: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased*	CDC's National HIV Prevention Program Monitoring and Evaluation (NHM&E)	

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	objectives† for or increase* the number of people tested for HIV?	programs that met local objectives† for or increased* the number of people tested for HIV	<p>the number of people tested for HIV</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the number of people tested for HIV</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing</p>	<p>CDC-funded programs' work plans</p> <p>and CDC Online CBA Tracking System</p>	
<p>Intermediate Outcome 1B.21: Increased identification of newly and previously diagnosed HIV infections</p>	<p>Question 1B.21: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the identification of diagnosed HIV infections?</p>	<p>Measure 1B.21a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of "newly" diagnosed HIV infections</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of "newly" diagnosed HIV infections</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the identification of "newly" diagnosed HIV infections</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing</p>	<p>NHM&E</p> <p>CDC-funded programs' work plans</p> <p>and CDC Online CBA Tracking System</p>	

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
		Measure 1B.21b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections	Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections		
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections		
			Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing		
Intermediate Outcome 1B.22: Improved linkage to HIV prevention services for persons with HIV (PWH) and persons with HIV-negative persons	Question 1B.22a: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to risk reduction services?	Measure 1B.22a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to risk reduction services	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH linked to risk reduction services Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to risk reduction services	NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System	

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			<p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH</p>		
	<p>Question 1B.22b: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-negative persons linked to risk reduction services?</p>	<p>Measure 1B.22b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* upon the percentage of HIV-negative persons linked to risk reduction services</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services</p>		
<p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services</p>					
<p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons</p>					
<p>Intermediate Outcome 1B.23: Improved linkage to and retention in HIV medical care for PWH</p>	<p>Question 1B.23: To what extent did CDC-funded programs, which received CBA services, meet local</p>	<p>Measure 1B.23: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased*</p>	<p>NHM&E CDC-funded programs' work plans</p>	

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	objectives† for or increase* the percentage of PWH linked to HIV care?	programs that met local objectives† for or increased* the percentage of PWH linked to HIV care	<p>the percentage of PWH linked to HIV care</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to HIV care</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH</p>	and CDC Online CBA Tracking System	
<p>Intermediate Outcome 1B.24: Improved linkage to essential supportive services for PWH and HIV-negative persons</p>	<p>Question 1B.24a To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH screened and referred to essential supportive services (i.e. housing, mental health, etc.)</p>	<p>Measure 1B.24a Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services</p> <p>Denominator: Number of CDC-funded programs receiving CBA</p>	<p>NHM&E</p> <p>CDC-funded programs' work plans</p> <p>and CDC Online CBA Tracking System</p>	

Component 1: National Training
Track B: Classroom Learning Training Center

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			services related to prevention with PWH		
	<p>Question 1B.24b To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-negative persons screened and referred to essential supportive services (i.e. housing, mental health, etc.)</p>	<p>Measure 1B.24b Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative persons screened and referred to essential supportive services</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative persons screened and referred to essential supportive services</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative persons screened and referred to essential supportive services</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons</p>		

†The term “local objectives” is used to denote locally defined performance benchmarks that have been negotiated and agreed upon by the recipient and their assigned project officer as well as established NOFO targets. Local objectives or NOFO targets may not be applicable to all measures, in which case program increases will be used to denote performance improvement.

* Increase in performance prior to CBA service delivery

Component 2: Regional Technical Assistance
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 2A.1: Number of CDC-funded programs with capacity building assistance (CBA) needs and service priorities to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV		Measure 2A.1: Number and percentage CDC-funded programs with CBA needs and service priorities cleared by CDC	Count: Number of CDC-funded programs with CBA needs and service priorities cleared by CDC	CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator with CBA needs and service priorities cleared by CDC		
			Denominator: Number of CDC-funded programs		
Output 2A.2: Number of jurisdictional CBA plans that include TA to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV		Measure 2A.2: Number and percentage of jurisdictional CBA plans cleared by CDC	Count: Number of jurisdictional CBA plans cleared by CDC	CDC Online CBA Tracking System	
			Numerator: Number of jurisdictional CBA plans from denominator cleared by CDC		
			Denominator: Number of jurisdictions		
Output 2A.3 Regional plans that include TA to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV		Measure 2A.3: Regional CBA plans cleared by CDC	Count: Regional CBA plans cleared by CDC	CDC Online CBA Tracking System	

Component 2: Regional Technical Assistance					
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 2A.4: Promotion of TA communications, collaborations, and coordinated activities within regions		Measure 2A.4: Number and dates of regional TA provider meetings	Count: Number of regional meetings with dates and agendas recorded	Annual Performance Report (APR)	
Output 2A.5: Promotion of TA communications, collaborations, and coordinated activities across regions		Measure 2A.5: Number and dates of cross-regional TA provider meetings	Count: Number of cross-regional meetings with dates and agendas recorded	Component 4's APR	
Output 2A.6: Number of organizations provided TA to build capacity to increase clinical HIV testing and knowledge of HIV status		Measure 2A.6: Number of organizations provided TA to build capacity to increase clinical HIV testing and knowledge of HIV status	Count: Number of organizations provided TA to build capacity to increase clinical HIV testing and knowledge of HIV status	CDC Online CBA Tracking System APR	
Output 2A.7: Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV		Measure 2A.7: Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV	Count: Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV	CDC Online CBA Tracking System	
Output 2A.8: Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training		Measure 2A.8: Of the CDC-funded programs with identified intervention implementation challenges, the number and percentage that received TA within 60 days of training	Count: Of the CDC-funded programs with identified intervention implementation challenges, the number and percentage that received TA within 60 days of training	CDC Online Training System CDC Online CBA Tracking System	

Component 2: Regional Technical Assistance
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Numerator: Number of the denominator, that received TA within 60 days of training Denominator: Number of CDC-funded programs, that received training, with identified intervention implementation challenges		
Output 2A.9: Increased number and type of tailored TA products, resources, and materials developed to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV		Measure 2A.9: Number of tailored TA products, resources, and materials cleared and determined to be 508 compliant (if applicable) by CDC to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV	Count: Number of tailored TA products, resources, and materials cleared and determined to be 508 compliant (if applicable) by CDC to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV	Cleared Product Inventory	
Short-term Outcome 2A.10: Strengthened capacity of CDC-funded programs to implement clinical HIV testing	Question 2A.10: To what extent was the capacity to implement clinical HIV testing strengthened among CDC-funded programs, with identified TA needs?	Measure 2A.10: Of the CDC-funded programs with identified TA needs, the number and percentage of CDC-funded programs, which received TA to implement clinical HIV testing	Count: Number of the CDC-funded programs with identified TA needs, which received TA to implement clinical HIV testing Numerator: CDC-funded programs from the denominator, which have received TA to implement clinical HIV testing	CDC Online CBA Tracking System	

Component 2: Regional Technical Assistance
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator: CDC-funded programs with identified TA needs to implement clinical HIV testing		
Short-term Outcome 2A.11: Strengthened capacity of CDC-funded programs to implement services to prevent new HIV infections and reduce transmission of HIV	Question 2A.11: To what extent was the capacity to implement services to prevent new HIV infections and reduce transmission of HIV strengthened among CDC-funded programs, with identified TA needs?	Measure 2A.11: Of the CDC-funded programs with identified TA needs, the number and percentage of CDC-funded programs, which received TA to prevent new HIV infections and reduce transmission	Count: Number of the CDC-funded programs with identified TA needs, which received TA to prevent new HIV infections and reduce transmission	CDC Online CBA Tracking System	
			Numerator: CDC-funded programs from the denominator, which have received TA		
			Denominator: CDC-funded programs with identified TA needs to prevent new HIV infections and reduce transmission of HIV		
Intermediate Outcome 2A.12: Improved delivery of clinical HIV testing services	Question 2A.12: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the number of people tested for HIV in clinical settings?	Measure 2A.12: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the number of people tested for HIV in clinical settings	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the number of people tested for HIV in clinical settings	CDC’s National HIV Prevention Program Monitoring and Evaluation (NHME) and CDC-funded programs’ work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator, that met local objectives† for or increased*		

Component 2: Regional Technical Assistance
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			the number of people tested for HIV in clinical settings		
			Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing		
Intermediate Outcome 2A.13: Increased identification of newly and previously diagnosed HIV infections	Question 2A.13: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the identification of diagnosed HIV infections?	Measure 2A.13a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections	NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator, that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections		
			Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing		
		Measure 2A.13b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections			
			Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections		
			Numerator:		

Component 2: Regional Technical Assistance
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			<p>Number of CDC-funded programs from the denominator, that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing</p>		
<p>Intermediate Outcome 2A.14: Improved linkage to HIV prevention services for HIV-negative persons</p>	<p>Question 2A.14: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to risk reduction services?</p>	<p>Measure 2A.14: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to risk reduction services</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH linked to risk reduction services</p>	<p>NHM&E</p> <p>CDC-funded programs’ work plans</p> <p>and</p> <p>CDC Online CBA Tracking System</p>	
			<p>Numerator: Number of CDC-funded programs from the denominator, that met local objectives† for or increased* the percentage of PWH linked to risk reduction services</p>		
			<p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH</p>		
<p>Intermediate Outcome 2A.15:</p>	<p>Question 2A.15: To what extent did CDC-funded</p>	<p>Measure 2A.15: Of the CDC-funded programs receiving CBA services, the</p>	<p>Count: Number of CDC-funded programs receiving CBA</p>	<p>NHM&E</p>	

Component 2: Regional Technical Assistance
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Improved linkage to and retention in HIV medical care for PWH	programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to HIV care?	number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to HIV care	services, that met local objectives† for or increased* the percentage of PWH linked to HIV care	CDC-funded programs' work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to HIV care		
			Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH		
Intermediate Outcome 2A.16: Improved linkage to essential supportive services for PWH	Question 2A.16: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH screened and referred to essential supportive services (i.e. housing, mental health, etc.)?	Measure 2A.16: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services	NHM&E CDC-funded programs' work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH screened and referred to essential supportive services		
			Denominator:		

Component 2: Regional Technical Assistance					
Track A: Clinical HIV Testing and Prevention for Persons with HIV (PWH)					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Number of CDC-funded programs receiving CBA services related to prevention with PWH		

†The term “local objectives” is used to denote locally defined performance benchmarks that have been negotiated and agreed upon by the recipient and their assigned project officer as well as established NOFO targets. Local objectives or NOFO targets may not be applicable to all measures, in which case program increases will be used to denote performance improvement

* Increase in performance prior to CBA service delivery

Component 2: Regional Technical Assistance					
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 2B.1: Number of CDC-funded programs with capacity building assistance (CBA) needs and service priorities to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV		Measure 2B.1: Number and percentage CDC-funded programs with CBA needs and service priorities cleared by CDC	Count: Number of CDC-funded programs with CBA needs and service priorities cleared by CDC	CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator with CBA needs and service priorities cleared by CDC		
			Denominator: Number of CDC-funded programs		
Output 2B.2: Number of jurisdictional CBA plans that include to increase knowledge of HIV status and to		Measure 2B.2: Number and percentage of jurisdictional CBA plans a cleared by CDC	Count: Number of jurisdictional CBA plans cleared by CDC	CDC Online CBA Tracking System	
			Numerator:		

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
prevent new HIV infections and reduce transmission of HIV			Number of jurisdictional CBA plans from denominator cleared by CDC		
			Denominator: Number of jurisdictions		
Output 2B.3: Regional plans that include TA to increase knowledge of HIV status and to prevent new HIV infections and reduce transmission of HIV		Measure 2B.3: Regional CBA plans cleared by CDC	Count: Regional CBA plans cleared by CDC	CDC Online CBA Tracking System	
Output 2B.4: Promotion of TA communications, collaborations, and coordinated activities within regions		Measure 2B.4: Number and dates of regional TA provider meetings	Count: Number of regional meetings with dates and agendas recorded	Annual Performance Report (APR)	
Output 2B.5: Promotion of TA communications, collaborations, and coordinated activities across regions		Measure 2B.5: Number and dates of cross-regional TA provider meetings	Count: Number of cross-regional meetings with dates and agendas recorded	Component 4's APR	
Output 2B.6: Number of organizations provided TA to build capacity to increase nonclinical HIV testing and knowledge of HIV status		Measure 2B.6: Number of organizations provided TA to build capacity to increase clinical HIV testing and knowledge of HIV status	Count: Number of organizations provided TA to build capacity to increase nonclinical HIV testing and knowledge of HIV status	CDC Online CBA Tracking System APR	

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 2B.7: Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV		Measure 2B.7: Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV	Count: Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV	CDC Online CBA Tracking System	
Output 2B.8: Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training		Measure 2B.8: Of CDC-funded programs with identified intervention implementation challenges, the number and percentage that received TA within 60 days of training	Count: Of CDC-funded programs with identified intervention implementation challenges, the number that received TA within 60 days of training	CDC Online Training System CDC Online CBA Tracking System	
			Numerator: Number of the denominator, that received TA within 60 days of training		
			Denominator: Number of CDC-funded programs, that received training, with identified intervention implementation challenges		
Output 2B.9: Increased number and type of tailored TA products, resources, and materials developed to build capacity to increase knowledge of HIV status and prevent new HIV infections and		Measure 2B.9: Number of tailored TA products, resources, and materials cleared and determined to be 508 compliant (if applicable) by CDC to build capacity to increase knowledge of HIV status and prevent new HIV infections and reduce transmission of HIV	Count: Number of tailored TA products, resources, and materials cleared and determined to be 508 compliant (if applicable) by CDC to build capacity to increase knowledge of HIV status and prevent new HIV	Cleared Product Inventory	

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
reduce transmission of HIV			infections and reduce transmission of HIV		
Short-term Outcome 2B.10: Strengthened capacity of CDC-funded programs to implement nonclinical HIV testing	Question 2B.10: To what extent was the capacity to implement nonclinical HIV testing strengthened among CDC-funded programs, with identified TA needs?	Measure 2B.10: Of the CDC-funded programs with identified TA needs, the number and percentage of CDC-funded programs, which received TA to implement nonclinical HIV testing	Count: Number of the CDC-funded programs with identified TA needs, which received TA to implement nonclinical HIV testing	CDC Online CBA Tracking System	
			Numerator: CDC-funded programs from the denominator, which have received TA to implement nonclinical HIV testing		
			Denominator: CDC-funded programs with identified TA needs to implement nonclinical HIV testing		
Short-term Outcome 2B.11: Strengthened capacity of CDC-funded programs to implement services to prevent new HIV infections and reduce transmission of HIV	Question 2B.11: To what extent was the capacity to prevent new HIV infections and reduce transmission strengthened among CDC-funded programs, with identified TA needs?	Measure 2B.11: Of the CDC-funded programs with identified TA needs, the number and percentage of CDC-funded programs, which received TA to prevent new HIV infections and reduce transmission	Count: Number of the CDC-funded programs with identified TA needs, which received TA to prevent new HIV infections and reduce transmission	CDC Online CBA Tracking System	
			Numerator: CDC-funded programs from the denominator, which have received TA to prevent new HIV infections and reduce transmission of HIV		

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator: CDC-funded programs with identified TA needs to prevent new HIV infections and reduce transmission of HIV		
Intermediate Outcome 2B.12: Improved delivery of nonclinical HIV testing services among priority populations	Question 2B.12: To what extent did CDC-funded programs, which received CBA services meet or increase the number of people tested for HIV in nonclinical settings?	Measure 2B.12: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the number of people tested for HIV in nonclinical settings	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the number of people tested for HIV in nonclinical settings	CDC’s National HIV Prevention Program Monitoring and Evaluation (NHM&E) CDC-funded programs’ work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the number of people tested for HIV in nonclinical settings		
			Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing		
Intermediate Outcome 2B.13: Increased identification of newly and previously diagnosed HIV infections	Question 2B.13: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or	Measure 2B.13a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “newly” diagnosed HIV infections?	NHM&E CDC-funded programs’ work plans and	

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	increase* the identification of diagnosed HIV infections?	“newly” diagnosed HIV infections?	<p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* identification of “newly” diagnosed HIV infections?</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing</p>	CDC Online CBA Tracking System	
		<p>Measure 2B.13b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections?</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of “previously” diagnosed HIV infections?</p>		
			<p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* To what extent did CDC-funded programs, which received CBA services, meet or improve reported identification of “previously” diagnosed HIV infections?</p>		
			<p>Denominator:</p>		

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Number of CDC-funded programs receiving CBA services related to HIV testing		
Intermediate Outcome 2B.14: Improved linkage to HIV prevention services for HIV-negative persons	Question 2B.14: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-negative persons linked to risk reduction services?	Measure 2B.14: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services	NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services		
			Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons		
Intermediate Outcome 2B.15: Improved linkage to essential supportive services for HIV-negative persons	Question 2B.15: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-	Measure 2B.15: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative persons screened	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative persons screened and referred to essential supportive services	NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System	

Component 2: Regional Technical Assistance
Track B: Nonclinical HIV Testing and Prevention for HIV-Negative Persons

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	negative persons screened and referred to essential supportive services (i.e. housing, mental health, etc.)?	and referred to essential supportive services	<p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative persons screened and referred to essential supportive services</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons</p>		

†The term “local objectives” is used to denote locally defined performance benchmarks that have been negotiated and agreed upon by the recipient and their assigned project officer as well as established NOFO targets. Local objectives or NOFO targets may not be applicable to all measures, in which case program increases will be used to denote performance improvement.

* Increase in performance prior to CBA service delivery

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 2C.1: Number of CDC-funded programs with capacity building assistance (CBA) needs and service priorities to implement integrated HIV activities and to implement structural interventions		Measure 2C.1: Number and percentage CDC-funded programs with of CBA needs and service priorities cleared by CDC	Count: Number of CDC-funded programs with CBA needs and service priorities cleared by CDC	CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs with CBA needs and service priorities cleared by CDC		
			Denominator: Number of CDC-funded programs by CDC		
Output 2C.2: Number of jurisdictional CBA plans that include TA to implement integrated HIV activities and to implement structural interventions		Measure 2C.2: Number and percentage of jurisdictional CBA plans cleared by CDC	Numerator: Number of jurisdictional CBA plans from denominator cleared by CDC	CDC Online CBA Tracking System	
			Denominator: Number of jurisdictions		
Output 2C.3 Regional plans that include TA to implement integrated HIV activities and to implement structural interventions		Measure 2C.3: Regional CBA plans cleared by CDC	Regional CBA plans cleared by CDC	CDC Online CBA Tracking System	
Output 2A.4: Promotion of TA communications, collaborations, and coordinated activities within regions		Measure 2A.4: Number and dates of regional TA provider meetings	Count: Number of regional meetings with dates and agendas recorded	Annual Performance Report (APR)	

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 2A.5: Promotion of TA communications, collaborations, and coordinated activities across regions		Measure 2A.5: Number and dates of cross-regional TA provider meetings	Count: Number of cross-regional meetings with dates and agendas recorded	Component 4's APR	
Output 2C.6: Number of organizations provided TA to build capacity to implement integrated HIV activities		Measure 2C.6 Number of organizations provided TA implement integrated HIV activities	Count: Number of organizations provided TA to implement integrated HIV activities	CDC Online CBA Tracking System APR	
Output 2C.7: Number of organizations provided TA to build capacity to implement structural interventions		Measure 2C.7: Number of organizations provided TA to build capacity to implement structural interventions	Count: Number of organizations provided TA to build capacity to implement structural interventions	CDC Online CBA Tracking System	
Output 2C.8: Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training		Measure 2C.8: Of CDC-funded programs with identified intervention implementation challenges, the number and percentage that received TA within 60 days of training	Count: Of CDC-funded programs with identified intervention implementation challenges, the number that received TA within 60 days of training	CDC Online Training System CDC Online Request Tracking System	
			Numerator: Number from the denominator, that received TA within 60 days of training		
			Denominator: Number of CDC-funded programs, that received training, with identified		

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			intervention implementation challenges		
Output 2C.9: Increased number and type of tailored TA products, resources, and materials developed to build capacity to implement integrated HIV activities and to implement structural interventions		Measure 2C.9: Number of tailored TA products, resources, and materials cleared and determined to be 508 compliant (if applicable) by CDC to build capacity to implement integrated HIV activities and to implement structural interventions	Count: Number of tailored TA products, resources, and materials cleared and determined to be 508 compliant (if applicable) by CDC to build capacity to implement integrated HIV activities and to implement structural interventions	Cleared Product Inventory	
Short-term Outcome 2C.10: Strengthened capacity of CDC-funded programs to implement integrated HIV activities	Question 2C.10: To what extent was the capacity to implement integrated HIV activities strengthened among CDC-funded programs with identified TA needs?	Measure 2C.10: Of the CDC-funded programs with identified TA needs, the number and percentage of CDC-funded programs, which received TA to implement integrated HIV activities	Count: Number of the CDC-funded programs with identified TA needs, which received TA to implement integrated HIV activities	CDC Online CBA Tracking System	
			Numerator: Number from the denominator, which have received TA to implement integrated HIV activities		
			Denominator: CDC-funded programs with identified TA needs to implement integrated HIV activities		
Short-term Outcome 2C.11: Strengthened capacity of CDC-funded	Question 2C.11: To what extent was the capacity to implement	Measure 2C.11: Of the CDC-funded programs with identified TA needs, the number and percentage of	Count: Number of the CDC-funded programs with identified TA needs, which received TA to	CDC Online CBA Tracking System	

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
programs to implement structural interventions	structural interventions strengthened among CDC-funded programs with identified TA needs?	CDC-funded programs, which received TA to implement structural interventions	implement structural interventions		
			Numerator: Number of the CDC-funded programs from the denominator, which have received TA to implement structural interventions		
			Denominator: CDC-funded programs with identified TA needs to implement structural interventions		
Intermediate Outcome 2C.12: Increased identification of newly and previously diagnosed HIV infections	Question 2A.12: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the identification of diagnosed HIV infections?	Measure 2A.12: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the identification of diagnosed HIV infections	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of diagnosed HIV infections	CDC’s National HIV Prevention Program Monitoring and Evaluation (NHM&E) CDC-funded programs’ work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the identification of diagnosed HIV infections		
			Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing		

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Intermediate Outcome 2C.13: Improved linkage to HIV prevention services for PWH and HIV-negative persons	Question 2C.13a: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to risk reduction services?	Measure 2C.13a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to risk reduction services	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH linked to risk reduction services Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to risk reduction services Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH	NHM&E CDC-funded programs’ work plans and CDC Online CBA Tracking System	
	Question 2C.13b: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-negative persons linked to risk reduction services?	Measure 2C.13b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative persons linked to risk reduction services Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-		

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			negative persons linked to risk reduction services		
			Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons		
Intermediate Outcome 2C. 14: Improved linkage to and retention in HIV medical care for PWH	Question 2C.14: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of PWH linked to HIV care?	Measure 2C.14: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of PWH linked to HIV care	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH linked to HIV care	NHM&E CDC-funded programs' work plans and CDC Online CBA Tracking System	
			Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of PWH linked to HIV care		
			Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH		
Intermediate Outcome 2C.15: Improved linkage to essential supportive services for PWH and HIV-negative persons	Question 2C.15a: To what extent did CDC-funded programs, which received CBA services, meet local	Measure 2C.15a: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of PWH	NHM&E CDC-funded programs' work plans and	

Component 2: Regional Technical Assistance
Track C: Integrated HIV Prevention Activities and Structural Interventions

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
	<p>objectives† for or increase* the percentage of PWH screened and referred to essential supportive services (i.e. housing, mental health, etc.)??</p>	<p>increased* the percentage of PWH screened and referred to essential supportive services</p>	<p>screened and referred to essential supportive services</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* percentage of PWH screened and referred to essential supportive services</p> <p>Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH</p>	<p>CDC Online CBA Tracking System</p>	
	<p>Question 2C.15b: To what extent did CDC-funded programs, which received CBA services, meet local objectives† for or increase* the percentage of HIV-negative person screened and referred to essential supportive services (i.e. housing, mental health, etc.)??</p>	<p>Measure 2C.15b: Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives† for or increased* the percentage of HIV-negative person screened and referred to essential supportive services</p>	<p>Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the percentage of HIV-negative person screened and referred to essential supportive services</p> <p>Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the percentage of HIV-negative person screened and referred to essential supportive services</p>		

Component 2: Regional Technical Assistance					
Track C: Integrated HIV Prevention Activities and Structural Interventions					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator: Number of CDC-funded programs receiving CBA services related to prevention with HIV-negative persons		

†The term “local objectives” is used to denote locally defined performance benchmarks that have been negotiated and agreed upon by the recipient and their assigned project officer as well as established NOFO targets. Local objectives or NOFO targets may not be applicable to all measures, in which case program increases will be used to denote performance improvement.

* Increase in performance prior to CBA service delivery

Component 3: Continuous Quality Improvement and Sustainability for Community-based Organizations					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 3.1: A distance-learning program for CDC-funded community-based organization (CBO) leadership to address continuous quality improvement and organizational sustainability, including a curriculum, products, tools, and materials		Measure 3.1a: A distance-learning program including curriculum, products, tools, and materials cleared and determined to be 508 compliant by CDC	Count: A distance-learning program including curriculum, products, tools, and materials cleared and determined to be 508 compliant by CDC	Cleared Product Inventory	
		Measure 3.1b: A distance-learning program including curriculum, products, tools, and materials cleared and determined to be 508 compliant by CDC	Count: A distance-learning program including curriculum, products, tools, and materials cleared and determined to be 508 compliant by CDC		

Component 3: Continuous Quality Improvement and Sustainability for Community-based Organizations

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 3.2 Delivery of distance-learning program for CDC-funded community-based organization (CBO) leadership to address continuous quality improvement and organizational sustainability		Measure 3.2a: Number of cycles of distance-learning program delivered	Count: Number of cycles of distance-learning program delivered	Component 3 funding recipient’s learning management system	
		Measure 3.2b: Number of CDC-funded CBOs that had leadership enrolled in a cycle of the distance-learning program	Count: Number of CDC-funded CBOs with leadership who enrolled in a cycle of the distance-learning program		
		Measure 3.2c: Number and percentage of CDC-funded CBO leadership who successfully completed a cycle of the distance-learning program	Count: Number of CDC-funded CBO leadership who successfully completed a cycle of the distance-learning program		
		Numerator: Number of denominator who successfully completed a cycle of the distance-learning program			

Component 3: Continuous Quality Improvement and Sustainability for Community-based Organizations					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator: Number of CDC-funded CBO leadership who enrolled in a cycle of the distance-learning program		
Output 3.3: A plan for monitoring and evaluation of the distance-learning program including an approved Office of Management and Budget Paperwork Reduction Act (OMB/PRA) and project determination package		Measure 3.3a: CDC-approved and cleared plan for monitoring and evaluation of the distance-learning program	Count: CDC-approved and cleared plan for monitoring and evaluation of the distance-learning program	Cleared Product Inventory	
		Measure 3.3b: An approved OMB/PRA and project determination package	Count: An approved OMB/PRA and project determination package	OMB/PRA and project determination approval documents Annual Performance Report (APR)	
Output 3.4: Implementation of the approved and cleared monitoring evaluation plan for the distance-learning program		Measure 3.4: A written report summarizing the findings of the monitoring and evaluation activities as described in the CDC-approved plan	Count: A written report summarizing the findings of the monitoring and evaluation activities as described in the CDC-approved plan	Component 3 funding recipient's summary report	

Component 3: Continuous Quality Improvement and Sustainability for Community-based Organizations

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
<p>Output 3.5: Use of evaluation findings to continuously provide quality improvement of the distance-learning program</p>		<p>Measure 3.5: A written report describing how monitoring and evaluation findings were or will be used to improve the distance-learning program</p>	<p>Count: A written report on how monitoring and evaluation findings were or will be used to improve the distance-learning program</p>	Component 3 funding recipient's APR	
<p>Short-term Outcome 3.6: Improved capacity of CDC-funded CBOs to plan, manage, and sustain HIV prevention programs and services and to reduce HIV-related disparities</p>	<p>Question 3.6: To what extent has the capacity of CDC-funded CBOs improved to plan, manage, and sustain HIV prevention programs and services and to reduce HIV-related disparities</p>	<p>Measure 3.6: To be determined by the funding recipient as defined in the CDC-approved monitoring and evaluation plan</p>	<p>Count: To be determined by the funding recipient as defined in the CDC-approved monitoring and evaluation plan</p>	To be determined by the funding recipient as defined in the CDC-approved monitoring and evaluation plan	

Component 4: Marketing and Administrative Support for Capacity Building Assistance (CBA) Provider Network (CPN)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 4.1 CDC-approved national and regional marketing plan in collaboration with the other NOFO recipients to increase visibility of the capacity building assistance (CBA) program and services		Measure 4.1: CDC-approved national and regional marketing plan	CDC-approved national and regional marketing plan	Annual Performance Report (APR)	
Output 4.2: Implementation of CDC-approved national and regional marketing plan including products, materials, and marketing activities in collaboration with the other NOFO recipients to increase visibility of the CBA program and services		Measure 4.2a: Number of CDC-approved marketing products and materials disseminated as defined in CDC-approved marketing plan and in collaboration with other NOFO recipients	Count: Number of CDC-approved marketing products and materials disseminated as defined in CDC-approved marketing plan and in collaboration with other NOFO recipients	APR Cleared Product Inventory	
		Measure 4.2b: Number of national and regional marketing activities and events completed as outlined in the CDC-approved marketing plan	Count: Number of national and regional marketing activities and events completed as outlined in the CDC-approved marketing plan	APR	

Component 4: Marketing and Administrative Support for Capacity Building Assistance (CBA) Provider Network (CPN)					
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 4.3: Workgroup meetings and other professional activities planned and facilitated with CDC and NOFO recipients to further communication, coordination, and collaboration among CPN members		Measure 4.3a: Number and dates of committee and workgroups meetings, and other professional activities organized and attended by NOFO recipients	Count: Number and dates of committee and workgroup meetings, and other professional activities organized and attended by NOFO recipients	APR	
		Measure 4.3b: Agenda, minutes, and summary reports from committee and workgroup meetings, and other professional activities organized and attended by NOFO recipients	Count: Agenda, minutes, and summary reports from committee and workgroup meetings, and other professional activities organized and attended by NOFO recipients		
Output 4.4: Documented communication, coordination, and collaboration among CPN members		Measure 4.4: Periodic reports that summarize various quantitative and qualitative data (i.e., agendas, identification of success stories, and best practices) as a result of committee and workgroup meetings, and other professional activities with CDC and NOFO recipients	Count: Periodic reports that summarize various quantitative and qualitative data (i.e., agendas, identification of success stories, and best practices) as a result of committee and workgroup meetings, and other professional activities with CDC and NOFO recipients	APR	
Short-term Outcome 4.5:	Question 4.5a: To what extent was there an increase in	Measure 4.5a: Number and percentage of training and TA	Count: Number of training and TA recipients who report knowing	Training: CDC Online Training System	

Component 4: Marketing and Administrative Support for Capacity Building Assistance (CBA) Provider Network (CPN)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Increased HIV prevention workforce knowledge of CBA services and resources	the number and percentage of training and TA recipients who reported knowing how to access CBA services?	recipients who report knowing how to access CBA services based on training and TA data	how to access CBA services based on training and TA data	TA: CDC Online CBA Tracking System	
			<p>Numerator: Number of the denominator who report knowing how to access CBA services based on training and TA data</p> <p>Denominator: Number of training and TA recipients</p>		
	Question 4.5b: To what extent was there an increase in the number and percentage of training and TA recipients who learned about the CBA services through developed marketing materials?	Measure 4.5b: Number and percentage of CDC-funded program training and TA recipients who indicate they learned about CBA services (trainings and TA) through the developed marketing materials	Count: Number of CDC-funded program training and TA recipients who indicate they learned about CBA services (trainings and TA) through the developed marketing materials	Training: CDC Online Training System TA: CDC Online CBA Tracking System	
			Numerator: Percentage of denominator who indicate they learned about CBA services (trainings and TA) through developed marketing materials		
			Denominator: Number of CDC-funded program training and TA recipients		

Component 4: Marketing and Administrative Support for Capacity Building Assistance (CBA) Provider Network (CPN)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Short-term Outcome 4.6: Increased HIV prevention workforce use of CBA services and resources	Question 4.6a: To what extent was there an increase in the number and percentage of visits to effectiveinterventions.cdc.gov as a result of CDC-approved marketing activities, events, products, materials?	Measure 4.6a: Number and percentage of visits to effectiveinterventions.cdc.gov as the result of CDC-approved marketing activities, events, products, materials	Count: Number of visits to effectiveinterventions.cdc.gov as the result of CDC-approved marketing activities, events, products, materials	Effectiveinterventions.gov	
			Numerator: Number of visits to effectiveinterventions.cdc.gov as the result of CDC-approved marketing activities, events, products, materials based on internet and website analytics		
			Denominator: Number of visits to effectiveinterventions.cdc.gov		
	Question 4.6b: To what extent was there an increase in the number and percentage of visits to the national training calendar as a result of CDC-approved marketing activities, events, products, materials?	Measure 4.6b: Number and percentage of visits to national training calendar as the result of CDC-approved marketing activities, events, products, materials	Count: Number of visits to national training calendar as the result of CDC-approved marketing activities, events, products, materials based on internet and website analytics	CDC Online Training System	
Numerator: Number of visits to CDC online request tracking system as the result of CDC-approved marketing activities, events, products, materials based on internet and website analytics			CDC Online CBA Tracking System		

Component 4: Marketing and Administrative Support for Capacity Building Assistance (CBA) Provider Network (CPN)

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator: Number of visits to CDC Online CBA Tracking System		

Data Collection

*Data submission deadlines and reporting time periods may change based on feasibility of reporting and CDC program guidelines.

Table 3: Data collection Project Period: April 1, 2019 March 31, 2024				
Data Source	Data Provider	Data Submission Method	Description	Data Submission Frequency
CDC Online Training System, post-course evaluations, and training follow-up surveys	Capacity Building Branch	CDC Online Training System CDC Online CBA Tracking System	CDC will maintain a database of all CBA trainees through the CDC Online Training System and the CDC Online CBA Tracking System. CDC will provide the PS19-1904 recipients with access to de-identified training data to follow the progress of program activities, for planning CBA services and to utilize for monitoring and evaluation activities.	Ongoing
CDC Online CBA Tracking System	Capacity Building Branch	CDC Online CBA Tracking System	PS19-1904 regional TA providers are required to enter CBA services and request tracking information and documentation into the CDC Online CBA Tracking System to document provision of proactive and reactive CBA services. PS19-1904 recipients will have access to regional and national TA data.	Ongoing
Technical Assistance follow-up data collection	Capacity Building Branch	CDC Online CBA Tracking System	CDC will collect CBA consumer satisfaction and outcome information from TA recipients. CDC will provide PS19-1904 recipients with de-identified data.	Ongoing
Annual Performance Reports (APR)	Capacity Building Branch	GrantSolutions	Used to document recipients' progress on NOFO program requirements over 12 months.	Annual
End of Year Report (EOY) Performance Report	Capacity Building Branch	GrantSolutions	Used to document recipients' progress on NOFO program	Annual

Table 3: Data collection Project Period: April 1, 2019 March 31, 2024				
			requirements over 12 months.	
National HIV Prevention Program Monitoring and Evaluation (NHM&E)	Program Evaluation Branch	Evaluation Web	Web-based data collection and management system providing CDC and CDC funding recipients with real time access to HIV program and performance data. CDC will use data to assess intermediate outcomes.	Annual

Data Management Plan (DMP)

PS19-1904 recipients are required to have a DMP not only for data they collect but also for stored data collected by CDC.

Table 4: Data Management Plan	
Data processing	<p>PS19-1904 recipients are required to enter into the CDC Online CBA Tracking System CBA service tracking delivery information in real time for transparency of service delivery among CDC, CBA providers and CBA recipients and for accountability.</p> <p>CDC will provide PS19-1904 recipients with additional data collected by CDC, as defined earlier.</p>
Data quality assurance (QA) procedures	<p>The data quality assurance process is a critical part of the M&E activities to answer national, regional, and individual recipient M&E questions. Standardized data cleaning and processing rules should be applied to all data submitted by PS19-1904 recipients.</p> <p>Data quality issues are documented and addressed with PS19-1904 recipients through monitoring conference calls with representation from the Capacity Building Branch. Following each call, summary notes are generated outlining corrective actions and next steps for addressing data issues, if needed.</p>
Provisions of data security	<p>PS19-1904 funding requires full compliance with the National Center for HIV/AIDS, Viral Hepatitis, TB, and STD Prevention (NCHHSTP) Data Security and Confidentiality guidelines (http://www.cdc.gov/nchhstp/programintegration/Data-Security.htm), including plans for NOFO partner(s) or subcontractor(s) compliance.</p>
Mechanisms for providing access to and sharing data	
Provisions for storage and backup of data	
Provisions for protection of privacy and confidentiality	
Plans for long-term preservation and archiving of data	
Standards to ensure all released data have appropriate documentation	

E. Justifying Conclusions

Analytical Methods

Overview

The M&E questions are focused on descriptive analyses of quantitative indicators and synthesis of qualitative information that are timely for program monitoring and of particular interest to the recipients, DHAP leadership, the Capacity Building Branch (CBB), Program Evaluation Branch, Prevention Program Branch, and CBB's evaluation contractors. The analytics process includes the following:

- Obtaining data from various sources
- Data processing and indicator calculations, where necessary
- Coding qualitative data
- Descriptive analyses of qualitative and quantitative results
- Reporting

Quantitative Data Analysis

CDC will conduct quantitative data analysis to measure output and outcome progress and provide a summary of CBA service provision. CDC will summarize and describe indicators by region, by jurisdiction and by year. Progress on achievement of outputs and outcomes will be summarized by CDC. The progress towards achieving NOFO objectives and outcomes will be described in the feedback reports provided to the PS19-1904 recipients, semi-annually. PS19-1904 recipients may analyze and summarize the CBA service data provided by CDC for their own M&E activities, planning purposes, and reporting progress to CDC.

CDC will conduct some analyses annually. Results for selected indicators will be stratified by jurisdiction, region, and other variables to be determined. For each indicator, CDC will generate descriptive graphics. CDC will pay particular attention to creating graphics that readily display important messages about program progress or areas that need improvements.

The data sources support additional analytic activities to evaluate patterns and associations in the indicators. Analyses that may be of interest include:

- Trends/changes in indicators over time
- Differences in indicators by component/track, jurisdiction, region, and/or target population

Qualitative Data Analysis

Thematic and content analyses will provide explanatory information that complement the quantitative data analyses (answers the "why" and "how" questions). M&E questions can only be answered by considering all types of data collected and integrating the quantitative and qualitative information in a meaningful way.

Below are some examples of how the qualitative information can complement quantitative analysis:

- Facilitators and barriers associated with implementation of specific HIP interventions or PHS
- Progress in regional and jurisdictional planning and CBA service delivery
- Communication, collaboration and coordination among PS19-1904 recipients for CBA service delivery
- Transferrable ideas, best practices, or lessons learned

- How did recipients enhance/optimize the following:
 - Program collaboration
 - Collaboration with CDC-funded programs and other federal partners/agencies at the jurisdictional and regional levels
 - Use of CBA service and other public health data

Synthesis of Findings

In addition to descriptive analyses, statistical analyses, critical synthesis/triangulation may support additional/supplemental analyses using these data will be considered.

Interpretation of Findings

DHAP will work collaboratively with partners to interpret findings from the data. Data quality will be assessed prior to conducting analyses. Exclusion of data based upon quality and completeness limitations will be applied, if necessary. The impact of exclusions on the analytical results will also be explored and reported.

F. Ensuring Usage and Sharing Lessons Learned

CDC will review findings regularly to identify challenges encountered by PS19-1904 recipients and the CBA consumers they serve to identify actions needed to improve overall project performance, compare methods and outcomes across recipients and component tracks, to identify promising practices for dissemination among recipients during the program period, demonstrate the value of the NOFO (e.g., improved public health outcomes, effectiveness of key prevention strategies and activities), and contribute to the evidence base for NOFO strategies and activities.

Data will be used to produce annual and periodic M&E reports and feedback reports describing program accomplishments related to this NOFO, and other supplemental reports focusing on specific areas. Results may also be reported at national conferences, online, and in professional journals.

Examples of PS19-1904 planned reports include:

- PS19-1904 Feedback Reports
 - Purpose: Describe recipient achievements and progress toward meeting the NOFO performance standards and provide information on how to recipients compare to each other. These recipient-focused reports are intended to promote accountability for both CDC and recipients.
 - Frequency: Produced semi-annually during the PS19-1904 program period.
 - Dissemination: Disseminated within one of year of award and then annually.
- Training Delivery Reports
 - Purpose: Describe the delivery of training (e.g., course and trainee completion information, training format and location, jurisdictions and regions served).
- TA Delivery Reports
 - Purpose: Describe the delivery of TA (e.g., TA recipient demographics, jurisdictions and regions served, topics of TA services, organizations that received TA).

ⁱ Centers for Disease Control and Prevention (1999). Framework for Program Evaluation in Public Health. MMWR, 48(RR-11): 1-40. Available at: <ftp://ftp.cdc.gov/pub/Publications/mmwr/rr/rr4811.pdf>