CDC-RFA- PS19-1904:

Capacity Building Assistance (CBA) for High Impact HIV Prevention

Program Integration



Updated September 24, 2018



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

Table of Contents

CDC Recommended Evaluation Framework for Program Evaluation	
A. Stakeholder Engagement	4
B. Description of the Program	4
Purpose	4
Objectives	4
Logic Model	5
C. Focus on the evaluation design	
Purpose of the Evaluation	
Monitoring and Evaluation Questions	
Primary Users of the Evaluation	
Evaluation Methods	
Evaluation Design	
D. Gathering Credible Evidence	
PS19-1904 Monitoring and Evaluation Questions, Indicators, and Data Sources	
Data Collection	71
Data Management Plan (DMP)	72
E. Justifying Conclusions	73
Analytical Methods	73
Overview	73
Quantitative Data Analysis	73
Qualitative Data Analysis	73
Synthesis of Findings	74
Interpretation of Findings	74
F. Ensuring Usage and Sharing Lessons Learned	74

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.

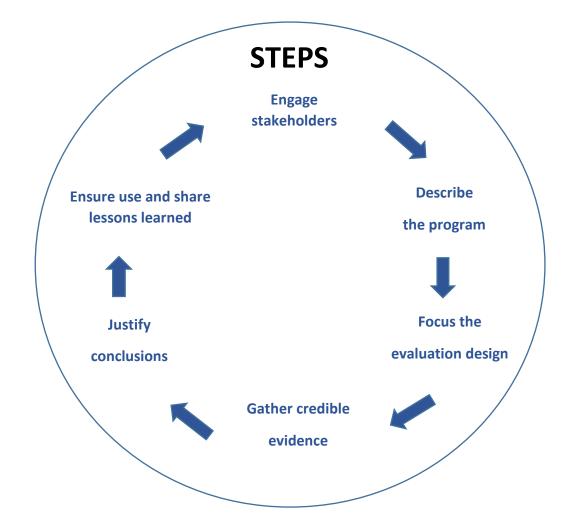


Figure 1: Recommended framework for program evaluation

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	e (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	
 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 Create new CDC-approved eLearning trainings for HIP interventions, public health strategies, and topics of national importance Update and transition classroom trainings to eLearning trainings for HIP interventions, public health strategies, and topics of national importance Collaborate with Track B Classroom Learning Training Center to develop blended learning trainings for HIP interventions, PHS, and topics of national importance Maintain national eLearning training schedule 	 Outputs: 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 1A.2 Increased number of new CDC-approved eLearning and blended learning trainings for HIP interventions, PHS, and topics of national importance 1A.3 Increased number of classroom training curricula transitioned to eLearning or blended learning format for HIP interventions, PHS, and topics of national importance 1A.4 Collaboration with Track B: Classroom Learning Training Center to develop blended learning trainings for HIP interventions, PHS, and topics of national importance 1A.5 Increased number of organizations trained on new and existing trainings via eLearning or blended learning formats 1A.6 Increased number of people trained via new and existing eLearning or blended learning trainings 1A.7 Maintained national eLearning training schedule 1A.8 Increased percentage of CDC-funded programs assessed for implementation challenges within 30 days of eLearning or blended learning training, as needed
	Short-term Outcomes:
	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)
	1A.10 Increased number of organizations implementing CDC-supported HIP interventions

Table 1: Logic Model: PS19-1904 Capacity Building Assistance	
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	and PHS
	Intermediate Outcomes:
	1A.11 Improved sustainability of HIP interventions and PHS being
	implemented by CDC-funded programs
	1A.12 Improved delivery of HIV testing services among priority populations
	1A.13 Increased identification of newly and previously diagnosed HIV infections
	1A.14 Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV-
	negative persons
	1A.15 Improved linkage to and retention in HIV medical care for PWH
	1A.16 Improved linkage to essential supportive services for PWH and HIV-negative persons
Component 1: National Training	
Track B: Classroom Learning Training Center	
1. Maintain and update existing CDC-approved HIP	Outputs:
interventions, PHS, and topics of national importance	1B.1 Updated existing CDC-approved high-impact prevention (HIP) interventions, PHS, and
classroom trainings to reflect the most advanced science	topics of national importance classroom or blended learning training of facilitators
and practice	(TOF) curricula to reflect the most advanced science and practice
2. Develop and implement new classroom and blended	1B.2 Increased number of new CDC-approved classroom or blended learning HIP
learning trainings for HIP interventions, PHS, and topics	interventions, PHS, and topics of national importance TOF curricula
of national importance	1B.3 Increased number of Component 1, Track B trainers trained to conduct CDC-approved
 Deliver existing and/or new CDC-approved classroom and blended trainings for HIP interventions, PHS, and 	classroom or blended learning HIP interventions, PHS, and topics of national importance training of trainers (TOT) and TOF curricula
topics of national importance	1B.4 Increased number of existing and/or new CDC-approved HIP interventions, PHS, and
 Collaborate with Track A eLearning Training Center to 	topics of national importance classroom and blended trainings delivered
develop blended trainings for HIP interventions, PHS,	1B.5 Increased number of organizations trained on new and existing trainings via
and topics of national importance	classroom or blended learning formats
5. Post and maintain national classroom and blended	1B.6 Increased number of people trained on new and existing trainings via classroom or
learning training schedule	blended learning
	1B.7 Increased percentage of CDC-funded programs assessed for implementation
	challenges within 30 days of classroom or blended learning training, as needed
	1B.8 Increased number of health departments trained via classroom or blended learning to
	conduct CDC-approved HIP interventions and PHS TOF
	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
	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
	1B.11 Collaboration with Track A: eLearning Training Center to develop blended learning

Table 1: Logic Model: PS19-1904 Capacity Building Assistance	e (CBA) for High Impact HIV Prevention Program Integration				
Components, Tracks, and Activities	Components, Tracks, and Activities Intended Short-Term and Intermediate Outcomes				
	trainings for HIP interventions, PHS, and topics of national importance				
	1B.12 A plan to ensure continued Component 1, Track B trainer capacity to deliver all new				
	and existing CDC-approved trainings				
	1B.13 Maintained national classroom and blended learning training schedule				
	Short-term Outcomes:				
	1B.14 Increased CDC-approved trainings available in blended learning and classroom formats				
	1B.15 Increased organizations implementing CDC-supported HIP interventions and PHS				
	1B.16 Increased Component 1, Track B trainers with the capacity to deliver CDC-approved classroom or blended learning trainings				
	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				
	1B.18 Continued Component 1, Track B trainer capacity to deliver all new and existing CDC-				
	approved classroom or blended learning training				
	Intermediate Outcomes:				
	1B.19 Improved sustainability of HIP interventions and PHS being implemented by CDC- funded programs				
	1B.20 Improve delivery of HIV testing services				
	1B.21 Increased identification of newly and previously diagnosed HIV infections				
	1B.22 Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV- negative persons				
	1B.23 Improved linkage to and retention in HIV medical care for PWH				
	1B.24 Improved linkage to essential supportive services for PWH and HIV-negative persons				
Component 2: Regional Technical Assistance					
Track A: Clinical HIV Testing and Prevention for Persons with					
1. Develop and implement a plan to provide regional TA	Outputs:				
within one region to build capacity to increase	2A.1 Number of CDC-funded programs with capacity building assistance (CBA) needs and				
knowledge of HIV status and to prevent new HIV	service priorities to build capacity to increase knowledge of HIV status and to				
infections and reduce transmission of HIV	prevention new HIV infections and reduce transmission of HIV				
2. Develop and implement annual jurisdictional CBA plans	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				
	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				

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

Table 1: Logic Model: PS19-1904 Capacity Building Assistance	ce (CBA) for High Impact HIV Prevention Program Integration			
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes			
	regions			
	2B.5 Promotion of TA communication, collaboration, and coordinated activities across			
	regions			
	2B.6 Number of organizations provided TA to build capacity to increase nonclinical HIV testing and knowledge of HIV status			
	2B.7 Number of organizations provided TA to build capacity to prevent new HIV infections and reduce transmission of HIV			
	2B.8 Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training			
	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			
	Short-term Outcomes:			
	2B.10 Strengthened capacity of CDC-funded programs to implement nonclinical HIV testing			
	2B.11 Strengthened capacity of CDC-funded programs to implement services to prevent no HIV infections and reduce transmission of HIV			
	Intermediate Outcomes:			
	2B.12 Improved delivery of nonclinical HIV testing services among priority populations			
	2B.13 Increased identification of newly and previously diagnosed HIV infections			
	2B.14 Improved linkage to HIV prevention services for HIV-negative persons			
	2B.15 Improved linkage to essential supportive services for HIV-negative persons			
Component 2: Regional Technical Assistance Track C: Integrated HIV Activities and Structural Intervention	ns			
1. Develop and implement a plan to provide regional TA	Outputs:			
within one region to build capacity to implement	2C.1 Number of CDC-funded programs with capacity building assistance (CBA) needs and			
integrated HIV activities and structural interventions	service priorities to implement integrated HIV activities and to implement structural			
2. Develop and implement annual jurisdictional CBA plans	interventions			
	2C.2 Number of jurisdictional CBA plans to provide TA within the jurisdiction to implement			
	integrated HIV activities and to implement structural interventions			
	2C.3 Regional plans to provide TA within the region to implement integrated HIV activities			
	and to implement structural interventions			
	2C.4 Promotion of TA communication, collaboration, and coordinated activities within			
	regions			
	2C.5 Promotion of TA communication, collaboration, and coordinated activities across regions			
	2C.6 Number of organizations provided TA to build capacity to implement integrated HIV			
	Tele indication of the second			

Table 1: Logic Model: PS19-1904 Capacity Building Assistan	nce (CBA) for High Impact HIV Prevention Program Integration			
Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes			
	activities			
	2C.7 Number of organizations provided TA to build capacity to implement structural			
	interventions			
	2C.8 Provided TA to CDC-funded programs with implementation challenges within 60 days of completing training			
	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			
	Short-term Outcomes:			
	2C.10 Strengthened capacity of CDC-funded programs to implement integrated HIV activities			
	2C.11 Strengthened capacity of CDC-funded programs to implement structural interventions			
	Intermediate Outcomes:			
	2C.12 Increased identification of newly and previously diagnosed HIV infections			
	2C.13 Improved linkage to HIV prevention services for PWH and HIV-negative persons			
	2C.14 Improved linkage to and retention in HIV medical care for PWH			
Component 3: Continuous Quality Improvement and Sustai	2C.15 Improved linkage to essential supportive services for PWH and HIV-negative persons			
	Outputs:			
 Develop and conduct a distance-learning program for CDC-funded CBO leadership to address continuous quality improvement and organizational sustainability Develop and implement monitoring and evaluation of 	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			
the distance-learning program	3.2 Delivery of distance-learning program for CDC-funded community-based organization (CBO) leadership to address continuous quality improvement and organizational sustainability			
	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			
	3.4 Implementation of the approved and cleared monitoring and evaluation plan for the distance-learning program			
	3.5 Use of evaluation findings to continuously provide quality improvement of the distance-learning program			
	Short-term Outcomes:			
	3.6 Improved capacity of CDC-funded CBOs to plan, manage, and sustain HIV prevention programs and services and to reduce HIV-related disparities			

Components, Tracks, and Activities	Intended Short-Term and Intermediate Outcomes
	Intermediate Outcomes:
	3.7 Improved sustainability of HIP interventions and PHS being
	implemented by CDC-funded programs
	3.8 Improved delivery of HIV testing services among priority populations
	3.9 Increased identification of newly and previously diagnosed HIV infections
	3.10 Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV- negative persons
	3.11 Improved linkage to and retention in HIV medical care for PWH
	3.12 Improved linkage to essential supportive services for PWH and HIV-negative persons
Component 4: Marketing and Administrative Support for Ca	pacity Building Assistance (CBA) Provider Network (CPN)
1. Develop and implement national and regional marketing	Outputs:
plans	4.1 CDC-approved national and regional marketing plan in collaboration with the other
2. Administrative support for CPN communication,	NOFO recipients to increase visibility of the capacity building assistance (CBA)
coordination, and collaboration	program and services
	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
	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
	4.4 Documented communication, coordination, and collaboration among CPN members
	Short-term Outcomes:
	4.5 Increased HIV prevention workforce knowledge of CBA services and resources
	4.6 Increased HIV prevention workforce use of CBA services and resources
	Intermediate Outcomes:
	Same as component 3

*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.

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
DUAD la a da vakia	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

Primary Users of the Evaluation

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 CDCapproved 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:

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

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

		Component 1: Nation Track A: eLearning Trai			
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
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		Measure 1A.1: Number of maintained and updated existing CDC- approved eLearning and blended learning trainings	Count: Number of maintained and updated existing CDC-approved eLearning and blended learning trainings	Cleared Product Inventory	
Output 1A.2: Increased number of new CDC-approved eLearning and blended learning trainings for HIP interventions, PHS, and topics of national importance		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	Count: Number of new CDC-approved training curricula cleared and determined to be 508 compliant (if applicable) by CDC	Cleared Product Inventory	min. 3 new curricula per year
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		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	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	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		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	
interventions, public health strategies, and topics of national importance		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	CDC Online Training System	
Output 1A.6: Increased number of people trained via new and existing eLearning or blended learning		Measure 1A.6: Number and percentage of persons who successfully completed new and existing eLearning or blended learning	organizations) Count: Number of persons who successfully completed trainings Numerator:	CDC Online Training System	
trainings		trainings	Number of persons from the denominator who successfully completed trainings Denominator: Number of persons who		

		Component 1: Nationa			
		Track A: eLearning Train			– .
Output/Outcome	M&E Question	Measures/Indicators	Specifications eLearning or blended learning trainings	Data Source	Target
Output 1A.7: Maintained national eLearning training		Measure 1A.7: A national eLearning training schedule	Count: A national eLearning training schedule	Annual Performance Report (APR)	
schedule 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 Numerator: Number of CDC-funded	CDC Online CBA Tracking System	
needed			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 Numerator: Number of CDC-approved eLearning or blended learning	Cleared Product Inventory	

	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			trainings available on CDC- approved LMS					
(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 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	CDC Online Training System				
		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: of carping Training Contor							
Output/Outcome Intermediate Outcome 1A.11: Improve sustainability of HIP interventions and PHS being implemented by CDC-funded programs	M&E Question Question 1A.11: To what extent did CDC-funded programs sustain implementation of HIV interventions and PHS 12 months after receipt of training?	Measures/Indicators 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		Data Source CDC Online Training System	Target Image: Image of the second s			
Intermediate Outcome 1A.12: Improved delivery of HIV testing services among priority populations	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?	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	programs receiving trainingCount:Number of CDC-fundedprograms receiving CBA servicesthat met local objectives† for orincreased* the number ofpersons tested for HIVNumerator:Number of CDC-fundedprograms from the denominator	CDC's National HIV Prevention Program Monitoring and Evaluation (NHM&E) CDC-funded programs' work plans and				

	Component 1: National Training Track A: eLearning Training Center								
Output/Outcome Intermediate Outcome 1A.13: Increase identification of newly and previously diagnosed HIV infections	M&E Question 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?	Measures/Indicators 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	Specificationsthat met their programobjectives or increased thenumber of people tested for HIVDenominator:Number of CDC-fundedprograms receiving CBA servicesrelated to HIV testingCount:Number of CDC-fundedprograms receiving CBA servicesthat met local objectives† for orincreased* the identification of"newly" diagnosed HIVinfectionsNumber of CDC-fundedprograms from the denominatorthat met local objectives† for orincreased* the identification of"newly" diagnosed HIVinfectionsNumber of CDC-fundedprograms from the denominatorthat met local objectives† for orincreased* the identification of"newly" diagnosed HIVinfectionsDenominator:Number of CDC-fundedprograms receiving CBA servicesrelated to HIV testing	Data Source CDC Online CBA Tracking System NHM&E CDC-funded programs' work plans and CDC Online CBA Tracking System	Target				
		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	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: Nation			
		Track A: eLearning Trai			
Output/Outcome	M&E Question	Measures/Indicators "previously" diagnosed HIV infections	Specifications 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	Data Source	Target
Intermediate Outcome 1A.14: Improved linkage to HIV prevention services for persons with HIV (PWH) and HIV-negative persons	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?	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	related to HIV testing Count: Number of CDC-funded programs receiving CBA services that met local objectives ⁺ for or increased* the percentage of PWH linked to risk reduction Numerator: Number of CDC-funded programs from the denominator that met local objectives ⁺ for or increased* the percentage of PWH linked to risk reduction 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	

		Component 1: Nationa Track A: eLearning Train			
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-	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	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?		
	negative persons linked to risk reduction services?	risk reduction services?	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 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 ⁺	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	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	
	for or increase* the percentage of PWH linked to HIV care?	increased* the percentage of PWH linked to HIV care	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:	CDC Online CBA Tracking System	

		Component 1: Nationa			
		Track A: eLearning Train	ning 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	Question 1A.16a:	Measure 1A.16a:	Count:	NHM&E	
1A.16:	To what extent did	Of the CDC-funded programs	Number of CDC-funded		
Improved linkage to	CDC-funded	receiving CBA services, the	programs receiving CBA services	CDC-funded programs'	
essential supportive	programs, which	number and percentage of	that met local objectives ⁺ for or	work plans	
services for PWH and	received CBA services,	CDC-funded programs that	increased* the percentage of		
HIV-negative persons	meet local objectives ⁺	met local objectives ⁺ for or	PWH screened and referred to	and	
	for or increase* the	increased* the percentage of	essential supportive services	CDC Online CBA Tracking	
	percentage of PWH	PWH screened and referred to	Numerator:	System	
	screened and referred	essential supportive services	Number of CDC-funded		
	to essential		programs from the denominator		
	supportive services		that met local objectives ⁺ for or		
	(i.e. housing, mental		increased* the percentage of		
	health, etc.)?		PWH screened and referred to		
			essential supportive services		
			Denominator:		
			Number of CDC-funded		
			programs receiving CBA services		
			related to prevention with PWH	-	
	Question 1A.16b:	Measure 1A.16b:	Count:		
	To what extent did	Of the CDC-funded programs	Number of CDC-funded		
	CDC-funded	receiving CBA services, the	programs receiving CBA services		
	programs, which	number and percentage of	that met local objectives ⁺ for or		
	received CBA services,	CDC-funded programs that	increased* percentage of HIV-		
	meet local objectives ⁺	met local objectives ⁺ for or	negative persons' screened and		
	for or increase* the	increased* the percentage of	referred to essential supportive		
	percentage of HIV-	HIV-negative persons'	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	Numerator:						
	screened and referred	essential supportive services	Number of CDC-funded						
	to essential	to essential supportive	programs from the denominator						
	supportive services?	services	that met local objectives ⁺ for or						
			increased* the percentage of						
			HIV-negative persons' screened						
			and referred to essential						
			supportive services						
			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 1: National Training Track B: Classroom Learning Training Center								
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target				
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		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	Count: Number of existing CDC- approved TOF updated, cleared, and determined to be 508 compliant (if applicable) by CDC	Cleared Product Inventory	min. 3				
Output 1B.2: Increased number of new CDC-approved classroom or blended learning HIP interventions, PHS, and topics of national importance TOF curricula		Measure 1B.2: Number of new CDC- approved classroom or blended learning TOF cleared and determined to be 508 compliant (if applicable) by CDC	Count: Number of new CDC-approved classroom or blended learning TOF cleared and determined to be 508 compliant (if applicable) by CDC	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: Natio			
	1	Track B: Classroom Learni			
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 1B.6:		Measure 1B.6:	Count:	CDC Online Training	
Increased number of		Number and percentage	Number people who	System	
people trained on new		people who successfully	successfully completed		
and existing trainings via		completed CDC-approved	classroom or blended learning		
classroom or blended		classroom or blended	trainings		
learning		learning trainings	Numerator:		
			Of the denominator those		
			people who completed		
			Denominator:		
			Number people who attended		
			CDC-approved classroom or		
			blended learning trainings		
Output 1B.7:		Measure 1B.7:	Count:	CDC Online Request	
Increased percentage of		Number and percentage of	Number of CDC-funded	Tracking System	
CDC-funded programs		CDC-funded programs	programs, assessed for		
assessed for		assessed for	implementation challenges		
implementation		implementation challenges	within 30 days of a training		
challenges within 30 days		within 30 days of a	noted in the CDC online CBA		
of classroom or blended		classroom or blended	tracking system		
learning training, as		learning training			
needed			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				
Output 1B.8: Increased number of health departments trained via classroom or blended learning to conduct CDC-approved HIP interventions and PHS TOF		Measure 1B8: Number of health departments with staff who completed CDC-approved TOT	Count: Number of health departments with staff who completed CDC- approved TOT	CDC Online Training System CDC Online CBA Tracking System					
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		Measure 1B.9: Number of health department staff trained who successfully completed CDC-approved TOT curricula	Count: Number of health department staff trained who successfully completed CDC-approved TOT curricula	CDC Online Training System CDC Online CBA Tracking System					
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		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	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 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	CDC Online CBA Tracking System					

		Component 1: Natio Track B: Classroom Learnii			
Output/Outcome	M&E Question	Measures/Indicators	Specifications Denominator: Number of health department trainees who successfully completed TOT	Data Source	Target
Output 1B.11: Collaboration with Track A: eLearning Training Center to develop blended learning trainings for HIP interventions, PHS, and		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	
topics of national importance		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: Natic Track B: Classroom Learnin			
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
1B.14: thIncreased CDC-approvedthtrainings available inperclassroom and blendedaplearning formatstrainingclassionclassion	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 Numerator: Number of denominator TOF trainings available in classroom and blended learning formats	Cleared Product Inventory	
			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 Numerator: Number of organizations from the denominator implementing CDC-supported HIP interventions and PHS within 3 months of the receipt of training Denominator:		
		Moocuro 1B 15b	Number of organizations trained on CDC-supported HIP interventions and PHS training		
		Measure 1B.15b:	Count:		

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

		Component 1: Natio Track B: Classroom Learnii			
Output/Outcome	M&E Question			Data Source	Target
Output/Outcome approved classroom and blended trainings, where staff have successfully completed CDC-approved TOT and the TOF are within a health department's plan	M&E Question staff have successfully completed CDC- approved TOT and based on the health departments training plan, are increasing conducting TOF?	Measures/Indicators health departments training plan, are also conducting TOF	Specifications 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	Data Source	Target
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	department's training plan 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: Natio			
Output/Outcome	M&E Question	Track B: Classroom Learnin		Data Source	Target
Output/Outcome	M&E Question within the first six months of award?	Measures/Indicators 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	Specifications 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.	Data Source	Target 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?	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 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	CDC Online Training System	
Intermediate Outcome	Question 1B.20:	Measure 1B.20:	programs receiving training Count:	CDC's National HIV	
1B.20: Improved delivery of HIV testing services	To what extent did CDC-funded programs, which received CBA services, meet local	Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded	Number of CDC-funded programs receiving CBA services that met local objectives† for or increased*	Prevention Program Monitoring and Evaluation (NHM&E)	

		Component 1: Nation Track B: Classroom Learni			
Output/Outcome	M&E Question objectives [†] for or increase [*] the number of people tested for HIV?	Measures/Indicators programs that met local objectives† for or increased* the number of people tested for HIV	Specifications the number of people tested for HIV Numerator: Number of CDC-funded programs from the denominator that met local objectives† for or increased* the number of people tested for HIV Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing	Data Source CDC-funded programs' work plans and CDC Online CBA Tracking System	Target
Intermediate Outcome 1B.21: Increased identification of newly and previously diagnosed HIV infections	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?	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	Count: Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of "newly" diagnosed HIV infections 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	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			Data Source	Target	
Output/Outcome	M&E Question	Measures/Indicators 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	Specifications 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	Data Source	Target	
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	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	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 percentage of PWH linked to risk reduction services Numerator:	NHM&E CDC-funded programs' work plans and CDC Online CBA Tracking System		
	percentage of PWH linked to risk reduction services?	of PWH linked to risk reduction services	Number of CDC-funded programs from the denominator that met local objectives ⁺ for or increased [*] the percentage of PWH linked to risk reduction services			

		Component 1: Natio			
	T	Track B: Classroom Learni			
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
			Denominator:		
			Number of CDC-funded		
			programs receiving CBA		
			services related to prevention		
			with PWH		
	Question 1B.22b:	Measure 1B.22b:	Count:		
	To what extent did	Of the CDC-funded	Number of CDC-funded		
	CDC-funded	programs receiving CBA	programs receiving CBA		
	programs, which	services, the number and	services that met local		
	received CBA	percentage of CDC-funded	objectives ⁺ for or increased [*]		
	services, meet local	programs that met local	the percentage of HIV-negative		
	objectives ⁺ for or	objectives ⁺ for or	persons linked to risk		
	increase* the	increased* upon the	reduction services		
	percentage of HIV-	percentage of HIV-negative			
	negative persons	persons linked to risk	Numerator:		
	linked to risk	reduction services	Number of CDC-funded		
	reduction services?		programs from the		
			denominator that met local		
			objectives ⁺ for or increased [*]		
			the percentage of HIV-negative		
			persons linked to risk		
			reduction services		
			Deneminatory		
			Denominator:		
			Number of CDC-funded		
			programs receiving CBA		
			services related to prevention		
Intermediate Outcome	Question 1B.23:	Measure 1B.23:	with HIV-negative persons	NHM&E	
1B.23:		Of the CDC-funded	Count: Number of CDC-funded	INTIVIAL	
-	To what extent did			CDC funded are granted	
Improved linkage to and	CDC-funded programs,	programs receiving CBA	programs receiving CBA	CDC-funded programs'	
retention in HIV medical	which received CBA	services, the number and	services that met local	work plans	
care for PWH	services, meet local	percentage of CDC-funded	objectives ⁺ for or increased [*]		

		Component 1: Natio			
Outrout /Outroomo	MQE Question	Track B: Classroom Learni		Data Course	Torrat
Output/Outcome	M&E Question objectives ⁺ for or increase [*] the percentage of PWH linked to HIV care?	Measures/Indicators programs that met local objectives ⁺ for or increased [*] the percentage of PWH linked to HIV care	Specifications the percentage of PWH linked to HIV care Numerator: Number of CDC-funded programs from the denominator that met local objectives ⁺ for or increased [*] the percentage of PWH linked	Data Source and CDC Online CBA Tracking System	Target
			to HIV care Denominator: Number of CDC-funded programs receiving CBA services related to prevention with PWH		
Intermediate Outcome 1B.24: Improved linkage to essential supportive services for PWH and HIV-negative persons	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.)	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	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 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: Number of CDC-funded	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			
			services related to prevention					
			with PWH					
	Question 1B.24b	Measure 1B.24b	Count:					
	To what extent did	Of the CDC-funded	Number of CDC-funded					
	CDC-funded programs,	programs receiving CBA	programs receiving CBA					
	which received CBA	services, the number and	services that met local					
	services, meet local	percentage of CDC-funded	objectives ⁺ for or increased [*]					
	objectives ⁺ for or	programs that met local	the percentage of HIV-negative					
	increase* the	objectives ⁺ for or	persons screened and referred					
	percentage of HIV-	increased* the percentage	to essential supportive services	-				
	negative persons	of HIV-negative persons	Numerator:					
	screened and referred	screened and referred to	Number of CDC-funded					
	to essential supportive	essential supportive	programs from the					
	services (i.e. housing,	services	denominator that met local					
	mental health, etc.)		objectives ⁺ for or increased [*]					
			the percentage of HIV-negative					
			persons screened and referred					
			to essential supportive services					
			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.

	Tra	Component 2: Regional T ck A: Clinical HIV Testing and Preven			
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	M&E Question	Measures/Indicators 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 Numerator: Number of CDC-funded programs from the denominator with CBA needs and service priorities cleared	CDC Online CBA Tracking System	Target
Output 2A.2:		Measure 2A.2:	by CDC Denominator: Number of CDC-funded programs Count:	CDC Online CBA	
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		Number and percentage of jurisdictional CBA plans cleared by CDC	Number of jurisdictional CBA plans cleared by CDC Numerator: Number of jurisdictional CBA plans from denominator cleared by CDC Denominator: Number of jurisdictions	Tracking System	
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					
		ck A: Clinical HIV Testing and Prever				
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target	
Output 2A.4:		Measure 2A.4:	Count:	Annual Performance		
Promotion of TA		Number and dates of regional	Number of regional meetings	Report (APR)		
communications,		TA provider meetings	with dates and agendas			
collaborations, and			recorded			
coordinated activities						
within regions						
Output 2A.5:		Measure 2A.5:	Count:	Component 4's APR		
Promotion of TA		Number and dates of cross-	Number of cross-regional			
communications,		regional TA provider meetings	meetings with dates and			
collaborations, and			agendas recorded			
coordinated activities						
across regions						
Output 2A.6:		Measure 2A.6:	Count:	CDC Online CBA		
Number of		Number of organizations	Number of organizations	Tracking System		
organizations provided		provided TA to build capacity	provided TA to build capacity	APR		
TA to build capacity to		to increase clinical HIV testing	to increase clinical HIV testing			
increase clinical HIV		and knowledge of HIV status	and knowledge of HIV status			
testing and knowledge						
of HIV status						
Output 2A.7:		Measure 2A.7:	Count:	CDC Online CBA		
Number of		Number of organizations	Number of organizations	Tracking System		
organizations provided		provided TA to build capacity	provided TA to build capacity			
TA to build capacity to		to prevent new HIV infections	to prevent new HIV infections			
prevent new HIV		and reduce transmission of HIV	and reduce transmission of			
infections and reduce			HIV			
transmission of HIV						
Output 2A.8:		Measure 2A.8:	Count:	CDC Online Training		
Provided TA to CDC-		Of the CDC-funded programs	Of the CDC-funded programs	System		
funded programs with		with identified intervention	with identified intervention			
implementation		implementation challenges, the	implementation challenges,	CDC Online CBA		
challenges within 60		number and percentage that	the number and percentage	Tracking System		
days of completing		received TA within 60 days of	that received TA within 60			
training		training	days of training			

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:		Measure 2A.9:	Count:	Cleared Product		
Increased number and		Number of tailored TA	Number of tailored TA	Inventory		
type of tailored TA		products, resources, and	products, resources, and			
products, resources, and		materials cleared and	materials cleared and			
materials developed to		determined to be 508	determined to be 508			
build capacity to		compliant (if applicable) by CDC	compliant (if applicable) by			
increase knowledge of		to build capacity to increase	CDC to build capacity to			
HIV status and prevent		knowledge of HIV status and	increase knowledge of HIV			
new HIV infections and		prevent new HIV infections and	status and prevent new HIV			
reduce transmission of		reduce transmission of HIV	infections and reduce			
HIV			transmission of HIV			
Short-term Outcome	Question 2A.10:	Measure 2A.10:	Count:	CDC Online CBA		
2A.10:	To what extent was	Of the CDC-funded programs	Number of the CDC-funded	Tracking System		
Strengthened capacity	the capacity to	with identified TA needs, the	programs with identified TA			
of CDC-funded	implement clinical	number and percentage of	needs, which received TA to			
programs to implement	HIV testing	CDC-funded programs, which	implement clinical HIV testing	4		
clinical HIV testing	strengthened	received TA to implement	Numerator:			
	among CDC-funded	clinical HIV testing	CDC-funded programs from			
	programs, with		the denominator, which have			
	identified TA		received TA to implement			
	needs?		clinical HIV testing			

	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 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	CDC Online CBA Tracking System			
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 Numerator: Number of CDC-funded programs from the denominator, that met local objectives [†] for or increased [*]	CDC's National HIV Prevention Program Monitoring and Evaluation (NHM&E) CDC-funded programs' work plans and 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	A: Clinical HIV Testing and Prever Measures/Indicators	Specifications	Data Source	Target	
Intermediate Outcome	Question 2A.13:	Measure 2A.13a:	the number of people tested for HIV in clinical settings Denominator: Number of CDC-funded programs receiving CBA services related to HIV testing Count:	NHM&E		
2A.13: Increased identification of newly and previously diagnosed HIV infections	To what extent did CDC-funded programs, which received CBA services, meet local objectives ⁺ for or increase [*] the identification of diagnosed HIV infections?	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	Number of CDC-funded programs receiving CBA services that met local objectives† for or increased* the identification of "newly" diagnosed HIV infections 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	CDC-funded programs' work plans and CDC Online CBA Tracking System		
		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			

	Component 2: Regional Technical Assistance					
Output (Outcome		A: Clinical HIV Testing and Prever	1		Target	
Output/Outcome Intermediate Outcome 2A.14: Improved linkage to HIV prevention services for HIV-negative persons	M&E Question Question 2A.14: To what extent did CDC-funded programs, which received CBA services, meet local objectives ⁺ for or	Measures/Indicators 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	Specifications 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 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	Data Source NHM&E CDC-funded programs' work plans and CDC Online CBA	Target	
	increase* the percentage of PWH linked to risk reduction services?	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	Tracking System		
Intermediate Outcome	Question 2A.15:	Measure 2A.15:	Count:	NHM&E		
2A.15:	To what extent did CDC-funded	Of the CDC-funded programs receiving CBA services, the	Number of CDC-funded programs receiving CBA			

		Component 2: Regional To			
		A: Clinical HIV Testing and Prever			T= -
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Improved linkage to and	programs, which	number and percentage of	services, that met local	CDC-funded programs'	
retention in HIV medical	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]	work plans	
care for PWH	services, meet local	local objectives ⁺ for or	the percentage of PWH linked		
	objectives ⁺ for or	increased* the percentage of	to HIV care	and	
	increase* the	PWH linked to HIV care	Numerator:	CDC Online CBA	
	percentage of PWH		Number of CDC-funded	Tracking System	
	linked to HIV care?		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	Question 2A.16:	Measure 2A.16:	Count:	NHM&E	
2A.16:	To what extent did	Of the CDC-funded programs	Number of CDC-funded		
Improved linkage to	CDC-funded	receiving CBA services, the	programs receiving CBA	CDC-funded programs'	
essential supportive	programs, which	number and percentage of	services that met local	work plans	
services for PWH	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]		
	services, meet local	local objectives ⁺ for or	the percentage of PWH	and	
	objectives† for or	increased* the percentage of	screened and referred to	CDC Online CBA	
	increase* the	PWH screened and referred to	essential supportive services	Tracking System	
	percentage of PWH	essential supportive services	Numerator:		
	screened and		Number of CDC-funded		
	referred to		programs from the		
	essential		denominator that met local		
	supportive services		objectives ⁺ for or increased [*]		
	(i.e. housing,		the percentage of PWH		
	mental health,		screened and referred to		
	etc.)?		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 Tage					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

	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:		Measure 2B.1:	Count:	CDC Online CBA				
Number of CDC-funded		Number and percentage CDC-	Number of CDC-funded	Tracking System				
programs with capacity		funded programs with CBA	programs with CBA needs and					
building assistance		needs and service priorities	service priorities cleared by					
(CBA) needs and service		cleared by CDC	CDC					
priorities to increase			Numerator:					
knowledge of HIV status			Number of CDC-funded					
and to prevent new HIV			programs from the					
infections and reduce			denominator with CBA needs					
transmission of HIV			and service priorities cleared					
			by CDC					
			Denominator:					
			Number of CDC-funded					
			programs					
Output 2B.2:		Measure 2B.2:	Count:	CDC Online CBA				
Number of jurisdictional		Number and percentage of	Number of jurisdictional CBA	Tracking System				
CBA plans that include		jurisdictional CBA plans a	plans cleared by CDC					
to increase knowledge		cleared by CDC	Numerator:					
of HIV status and to								

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

	Component 2: Regional Technical Assistance								
Output /Outpages		ck B: Nonclinical HIV Testing and Pre			Townsh				
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target				
Output 2B.7:		Measure 2B.7:	Count:	CDC Online CBA					
Number of		Number of organizations	Number of organizations	Tracking System					
organizations provided		provided TA to build capacity	provided TA to build capacity						
TA to build capacity to		to prevent new HIV infections	to prevent new HIV infections						
prevent new HIV		and reduce transmission of HIV	and reduce transmission of						
infections and reduce			HIV						
transmission of HIV									
Output 2B.8:		Measure 2B.8:	Count:	CDC Online Training					
Provided TA to CDC-		Of CDC-funded programs with	Of CDC-funded programs with	System					
funded programs with		identified intervention	identified intervention						
implementation		implementation challenges, the	implementation challenges,	CDC Online CBA					
challenges within 60		number and percentage that	the number that received TA	Tracking System					
days of completing		received TA within 60 days of	within 60 days of training	-					
training		training	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:		Measure 2B.9:	Count:	Cleared Product					
Increased number and		Number of tailored TA	Number of tailored TA	Inventory					
type of tailored TA		products, resources, and	products, resources, and						
products, resources, and		materials cleared and	materials cleared and						
materials developed to		determined to be 508	determined to be 508						
build capacity to		compliant (if applicable) by CDC							
increase knowledge of		to build capacity to increase	CDC to build capacity to						
HIV status and prevent		knowledge of HIV status and	increase knowledge of HIV						
new HIV infections and		prevent new HIV infections and	status and prevent new HIV						
		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			
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 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	CDC Online CBA Tracking System				
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 Numerator: CDC-funded programs from the denominator, which have received TA to prevent new HIV infections and reduce transmission of HIV	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		
			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 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	CDC's National HIV Prevention Program Monitoring and Evaluation (NHM&E) CDC-funded programs' work plans and CDC Online CBA Tracking System			
Intermediate Outcome	Question 2B.13:	Measure 2B.13a:	Count:	NHM&E			
2B.13:	To what extent did	Of the CDC-funded programs	Number of CDC-funded				
Increased identification	CDC-funded	receiving CBA services, the	programs receiving CBA	CDC-funded programs'			
of newly and previously	programs, which	number and percentage of	services that met local	work plans			
diagnosed HIV infections	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]				
	services, meet local	local objectives ⁺ for or	the identification of "newly"	and			
	objectives ⁺ for or	increased* the identification of	diagnosed HIV infections?				

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	"newly" diagnosed HIV	Numerator:	CDC Online CBA				
	identification of	infections?	Number of CDC-funded	Tracking System				
	diagnosed HIV		programs from the					
	infections?		denominator that met local					
			objectives ⁺ for or increased [*]					
			identification of "newly"					
			diagnosed HIV infections?					
			Denominator:					
			Number of CDC-funded					
			programs receiving CBA					
			services related to HIV testing					
		Measure 2B.13b:	Count:					
		Of the CDC-funded programs	Number of CDC-funded					
		receiving CBA services, the	programs receiving CBA					
		number and percentage of	services that met local					
		CDC-funded programs that met	objectives ⁺ for or increased*					
		local objectives ⁺ for or	the identification of					
		increased* the identification of	"previously" diagnosed HIV					
		"previously" diagnosed HIV	infections?					
		infections?	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?					
			Denominator:					

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	Question 2B.14:	Measure 2B.14:	Count:	NHM&E				
2B.14: Improved linkage to HIV prevention services for HIV-negative persons	To what extent did CDC-funded programs, which received CBA services, meet	Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met local objectives ⁺ for or	Number of CDC-funded programs receiving CBA services that met local objectives ⁺ for or increased [*] the percentage of HIV-	CDC-funded programs' work plans and				
	local objectives [†] for or increase [*]	increased* the percentage of HIV-negative persons linked to	negative persons linked to risk reduction services	CDC Online CBA Tracking System				
	the percentage of HIV-negative persons linked to risk reduction services?	risk reduction services	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	Question 2B.15:	Measure 2B.15:	Count:	NHM&E				
2B.15: Improved linkage to essential supportive services for HIV-	To what extent did CDC-funded programs, which received CBA	Of the CDC-funded programs receiving CBA services, the number and percentage of CDC-funded programs that met	Number of CDC-funded programs receiving CBA services that met local objectives ⁺ for or increased [*]	CDC-funded programs' work plans				
negative persons	services, meet local objectives [†] for or increase [*] the percentage of HIV-	local objectives ⁺ for or increased [*] the percentage of HIV-negative persons screened	the percentage of HIV- negative persons screened and referred to essential supportive services	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	and referred to essential	Numerator:						
	screened and	supportive services	Number of CDC-funded						
	referred to		programs from the						
	essential		denominator that met local						
	supportive services		objectives ⁺ for or increased [*]						
	(i.e. housing,		the percentage of HIV-						
	mental health,		negative persons screened						
	etc.)?		and referred to essential						
			supportive services						
			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.

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

	Component 2: Regional Technical Assistance Track C: Integrated HIV Prevention Activities and Structural Interventions								
Output/Outcome	M&E Question	Measures/Indicators	Specifications	S Data Source	Target				
Output 2A.5: Promotion of TA communications,		Measure 2A.5: Number and dates of cross- regional TA provider meetings	Count: Number of cross-regional meetings with dates and	Component 4's APR					
collaborations, and coordinated activities across regions			agendas recorded						
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 Numerator: Number from the	CDC Online Training System CDC Online Request Tracking System					
			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 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	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 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 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 the CDC-funded programs with identified TA needs, which received TA to implement integrated HIV activities Numerator: Number from the denominator, which have received TA to implement	Cleared Product Inventory CDC Online CBA Tracking System				
Short-term Outcome 2C.11:	needs? Question 2C.11: To what extent was	Measure 2C.11 : Of the CDC-funded programs	integrated HIV activities Denominator: CDC-funded programs with identified TA needs to implement integrated HIV activities Count: Number of the CDC-funded	CDC Online CBA Tracking System				
Strengthened capacity of CDC-funded	the capacity to implement	with identified TA needs, the number and percentage of	programs with identified TA needs, which received TA to					

		Component 2: Regional T			
		C: Integrated HIV Prevention Activ			
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
programs to implement	structural	CDC-funded programs, which	implement structural		
structural interventions	interventions	received TA to implement	interventions		
	strengthened	structural interventions			
	among CDC-funded		Numerator:		
	programs with		Number of the CDC-funded		
	identified TA		programs from the		
	needs?		denominator, which have		
			received TA to implement		
			structural interventions		
			Denominator:		
			CDC-funded programs with		
			identified TA needs to		
			implement structural		
			interventions		
Intermediate Outcome	Question 2A.12:	Measure 2A.12:	Count:	CDC's National HIV	
2C.12:	To what extent did	Of the CDC-funded programs	Number of CDC-funded	Prevention Program	
Increased identification	CDC-funded	receiving CBA services, the	programs receiving CBA	Monitoring and	
of newly and previously	programs, which	number and percentage of	services that met local	Evaluation (NHM&E)	
diagnosed HIV infections	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]		
	services, meet local	local objectives ⁺ for or	the identification of diagnosed	CDC-funded programs'	
	objectives† for or	increased* the identification of	HIV infections	work plans	
	increase* the	diagnosed HIV infections	Numerator:		
	identification of		Number of CDC-funded	and	
	diagnosed HIV		programs from the	CDC Online CBA	
	infections?		denominator that met local	Tracking System	
			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								
	1							
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target			
Intermediate Outcome	Question 2C.13a:	Measure 2C.13a:	Count:	NHM&E				
2C.13:	To what extent did	Of the CDC-funded programs	Number of CDC-funded					
Improved linkage to HIV	CDC-funded	receiving CBA services, the	programs receiving CBA	CDC-funded programs'				
prevention services for	programs, which	number and percentage of	services that met local	work plans				
PWH and HIV-negative	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]					
persons	services, meet local	local objectives ⁺ for or	the percentage of PWH linked	and				
	objectives ⁺ for or	increased* the percentage of	to risk reduction services	CDC Online CBA				
	increase* the	PWH linked to risk reduction	Numerator:	Tracking System				
	percentage of PWH	services	Number of CDC-funded					
	linked to risk		programs from the					
	reduction services?		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					
	Question 2C.13b:	Measure 2C.13b:	Count:					
	To what extent	Of the CDC-funded programs	Number of CDC-funded					
	did CDC-funded	receiving CBA services, the	programs receiving CBA					
	programs, which	number and percentage of	services that met local					
	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]					
	services, meet	local objectives ⁺ for or	the percentage of HIV-					
	local objectives ⁺	increased* the percentage of	negative persons linked to risk					
	for or increase*	HIV-negative persons linked to	reduction services					
	the percentage of	risk reduction services	Numerator:]				
	HIV-negative		Number of CDC-funded					
	persons linked to		programs from the					
	risk reduction		denominator that met local					
	services?		objectives ⁺ for or increased*					
			the percentage of HIV-					

	Component 2: Regional Technical Assistance								
	Track	C: Integrated HIV Prevention Activ	vities and Structural Intervention	S					
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	Question 2C.14:	Measure 2C.14:	Count:	NHM&E	1				
2C. 14:	To what extent did	Of the CDC-funded programs	Number of CDC-funded						
Improved linkage to and	CDC-funded	receiving CBA services, the	programs receiving CBA	CDC-funded programs'					
retention in HIV medical	programs, which	number and percentage of	services that met local	work plans					
care for PWH	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]						
	services, meet local	local objectives ⁺ for or	the percentage of PWH linked	and					
	objectives [†] for or	increased* the percentage of	to HIV care	CDC Online CBA					
	increase* the	PWH linked to HIV care	Numerator:	Tracking System					
	percentage of PWH		Number of CDC-funded						
	linked to HIV care?		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	Question 2C.15a:	Measure 2C.15a:	Count:	NHM&E	1				
2C.15:	To what extent did	Of the CDC-funded programs	Number of CDC-funded						
Improved linkage to	CDC-funded	receiving CBA services, the	programs receiving CBA	CDC-funded programs'					
essential supportive	programs, which	number and percentage of	services that met local	work plans					
services for PWH and	received CBA	CDC-funded programs that met	objectives ⁺ for or increased [*]						
HIV-negative persons	services, meet local	local objectives ⁺ for or	the percentage of PWH	and					

		Component 2: Regional T			
0.1.1/0.1		C: Integrated HIV Prevention Activ			
Output/Outcome	M&E Question	Measures/Indicators	Specifications screened and referred to	Data Source CDC Online CBA	Target
	objectives ⁺ for or increase [*] the	increased* the percentage of PWH screened and referred to			
			essential supportive services	Tracking System	
	percentage of PWH	essential supportive services	Numerator:		
	screened and		Number of CDC-funded		
	referred to		programs from the		
	essential		denominator that met local		
	supportive services		objectives ⁺ for or increased [*]		
	(i.e. housing,		percentage of PWH screened		
	mental health,		and referred to essential		
	etc.)??		supportive services	-	
			Denominator:		
			Number of CDC-funded		
			programs receiving CBA		
			services related to prevention		
			with PWH	_	
	Question 2C.15b:	Measure 2C.15b:	Count:		
	To what extent did	Of the CDC-funded programs	Number of CDC-funded		
	CDC-funded	receiving CBA services, the	programs receiving CBA		
	programs, which	number and percentage of	services that met local		
	received CBA	CDC-funded programs that met	objectives ⁺ for or increased*		
	services, meet local	local objectives ⁺ for or	the percentage of HIV-		
	objectives ⁺ for or	increased* the percentage of	negative person screened and		
	increase* the	HIV-negative person screened	referred to essential		
	percentage of HIV-	and referred to essential	supportive services		
	negative person	supportive services	Numerator:		
	screened and		Number of CDC-funded		
	referred to		programs from the		
	essential		denominator that met local		
	supportive services		objectives ⁺ for or increased [*]		
	(i.e. housing,		the percentage of HIV-		
	mental health,		negative person screened and		
	etc.)??		referred to essential		
			supportive services		

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.

(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		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						
organizational sustainability, including a curriculum, products, tools, and materials		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							

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

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

Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Output 4.1		Measure 4.1:	CDC-approved national and	Annual Performance	
CDC-approved national		CDC-approved national	regional marketing plan	Report (APR)	
and regional marketing		and regional marketing			
plan in collaboration		plan			
with the other NOFO					
recipients to increase					
visibility of the capacity					
building assistance					
(CBA) program and					
services					
Output 4.2:		Measure 4.2a:	Count:	APR	
Implementation of CDC-		Number of CDC-approved	Number of CDC-approved		
approved national and		marketing products and	marketing products and	Cleared Product	
regional marketing plan		materials disseminated as	materials disseminated as	Inventory	
including products,		defined in CDC-approved	defined in CDC-approved		
materials, and		marketing plan and in	marketing plan and in		
marketing activities in		collaboration with other	collaboration with other NOFO		
collaboration with the		NOFO recipients	recipients		
other NOFO recipients		Measure 4.2b:	Count:	APR	
to increase visibility of		Number of national and	Number of national and regional		
the CBA program and		regional marketing	marketing activities and events		
services		activities and events	completed as outlined in the		
		completed as outlined in	CDC-approved marketing plan		
		the CDC-approved			
		marketing 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 4.3:		Measure 4.3a:	Count:	APR			
Workgroup meetings		Number and dates of	Number and dates of committee				
and other professional		committee and	and workgroup meetings, and				
activities planned and		workgroups meetings, and	other professional activities				
facilitated with CDC and		other professional	organized and attended by				
NOFO recipients to		activities organized and	NOFO recipients				
further communication,		attended by NOFO					
coordination, and collaboration among		recipients Measure 4.3b:	Count:	-			
CPN members		Agenda, minutes, and	Agenda, minutes, and summary				
CFN members		summary reports from	reports from committee and				
		committee and workgroup	workgroup meetings, and other				
		meetings, and other	professional activities organized				
		professional activities	and attended by NOFO				
		organized and attended	recipients				
		by NOFO recipients					
Output 4.4:		Measure 4.4:	Count:	APR			
Documented		Periodic reports that	Periodic reports that summarize				
communication,		summarize various	various quantitative and				
coordination, and		quantitative and	qualitative data (i.e., agendas,				
collaboration among		qualitative data (i.e.,	identification of success stories,				
CPN members		agendas, identification of	and best practices) as a result of				
		success stories, and best	committee and workgroup				
		practices) as a result of	meetings, and other				
		committee and workgroup	professional activities with CDC				
		meetings, and other	and NOFO recipients				
		professional activities with					
Chart tarra Outaars -	Overtien 4 Fee	CDC and NOFO recipients	Countr				
Short-term Outcome 4.5:	Question 4.5a: To what extent was	Measure 4.5a:	Count:	Training: CDC Online			
4.J.	there an increase in	Number and percentage of training and TA	Number of training and TA recipients who report knowing	Training System			
		or training and TA	recipients who report knowing				

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 Numerator: Number of the denominator who report knowing how to access CBA services based on training and TA data Denominator: Number of training and TA recipients	TA: CDC Online CBA Tracking System	
	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 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	Training: CDC Online Training System TA: CDC Online CBA Tracking System	

Comp	onent 4: Marketing and A	dministrative Support for Ca	pacity Building Assistance (CBA) Pr	ovider Network (CPN)	
Output/Outcome	M&E Question	Measures/Indicators	Specifications	Data Source	Target
Short-term Outcome 4.6:	Question 4.6a: To what extent was	Measure 4.6a: Number and percentage	Count: Number of visits to	Effectiveinterventions.	
Increased HIV prevention workforce use of CBA services and resources	there an increase in the number and percentage of visits to effectiveinterventions.	of visits to effectiveinterventions.cdc. gov as the result of CDC- approved marketing	effectiveinterventions.cdc.gov as the result of CDC-approved marketing activities, events, products, materials	gov	
	cdc.gov as a result of CDC-approved marketing activities, events, products, materials?	products, materials	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		
T t t t	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	Measure 4.6b: Number and percentage of visits to national training calendar as the result of CDC-approved marketing activities, events, products,	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	
	CDC-approved marketing activities, events, products, materials?	materials	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 F	Project Period: Apri	l 1, 2019 March 31, 2024		
Data Source	Data Provider	Data Submission Method	Description	Data Submission Frequency
CDC Online Training System, post-course	Capacity Building Branch	CDC Online Training System	CDC will maintain a database of all CBA	Ongoing
evaluations, and training	Building Bruilein	CDC Online CBA Tracking	trainees through the CDC	
follow-up surveys		System	Online Training System	
Tonow-up surveys		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.	
CDC Online CBA Tracking	Capacity	CDC Online CBA Tracking	PS19-1904 regional TA	Ongoing
System	Building Branch	System	providers are required to	Ongoing
System	building branch	System	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.	
Technical Assistance	Capacity	CDC Online CBA Tracking	CDC will collect CBA	Ongoing
	Building Branch	System	consumer satisfaction	Oligoling
follow-up data collection	Bulluling Branch	System	and outcome	
			information from TA	
			recipients. CDC will	
			provide PS19-1904	
			recipients with de-	
			identified data.	
Annual Performance	Capacity	GrantSolutions	Used to document	Annual
Reports (APR)	Building Branch	Grantoolutions	recipients' progress on	
			NOFO program	
			requirements over 12	
			months.	
End of Vear Roport (EOV)	Canacity	GrantSolutions	Used to document	Annual
End of Year Report (EOY) Performance Report	Capacity Building Branch		recipients' progress on	Ailliudi
	Building Branch			
			NOFO program	1

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	 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. CDC will provide PS19-1904 recipients with additional data collected by CDC, as defined earlier. 				
Data quality assurance (QA) procedures	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. 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.				
Provisions of data security	PS19-1904 funding requires full compliance with the National Center for				
Mechanisms for providing access to and sharing data	HIV/AIDS, Viral Hepatitis, TB, and STD Prevention (NCHHSTP) Data Security and Confidentiality guidelines				
Provisions for storage and backup of data	(http://www.cdc.gov/nchhstp/programintegration/Data-Security.htm),				
Provisions for protection of privacy and confidentiality	including plans for NOFO partner(s) or subcontractor(s) compliance.				
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
 - o 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.
 - o 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: <u>ftp://ftp.cdc.gov/pub/Publications/mmwr/rr/rr4811.pdf</u>