



**COBATEST**  
NETWORK

Core Indicators to Monitor  
Community-Based Voluntary Counselling  
and Testing (CBVCT) for HIV

Guidelines for CBVCT services

2017

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## Acronyms and abbreviations

AIDS	acquired immunodeficiency syndrome
ANC	antenatal care
ARV	antiretroviral
ART	antiretroviral therapy
CBVCT	community based voluntary counselling and testing
CEEISCAT	Centre d'Estudis Epidemiològics sobre les Infeccions de Transmissió Sexual i Sida de Catalunya
CITC	client-initiated HIV testing and counselling
DD	Dublin Declaration
EAHC	Executive Agency for Health and Consumers
ECDC	European Centre for Disease Prevention and Control
ELISA	enzyme-linked immunosorbent assay
FHI	Family Health International
GARP	Global AIDS Response Progress
HIV	human immunodeficiency virus
HIV-COBATEST	HIV community-based testing practices in Europe
HTC	HIV testing and counselling
IDU	injecting drug users
ICRH	International Centre for Reproductive Health
IMPACT	Implementing AIDS Prevention and Care Project
MARPs	most at risk populations
MDD	monitoring Dublin Declaration
MSM	men who have sex with men
M&E	monitor and evaluate
NA	not applicable
NGO	non-governmental organisation
PITC	provider-initiated HIV testing and counselling
PMTCT	prevention of mother-to-child transmission
STI	sexually transmitted infection
SW	sex workers
TB	tuberculosis
UA	Universal Access
UNAIDS	Joint United Nations Programme on HIV/AIDS
UNGASS	United Nations General Assembly Special Session on AIDS
UNICEF	United Nations Children's Fund
USAID	United States Agency for International Development
VCCT	voluntary confidential counselling and testing
VCT	voluntary counselling and testing
WHO	World Health Organisation

### 3. Core CBVCT indicators

#### 3.1. Core CBVCT indicators for CBVCT services

Based on the above stated goal and objectives for CBVCT, the following 11 core CBVCT indicators will be collected routinely within HIV-COBATEST network of CBVCT services and are suggested to be collected in other CBVCT services in Europe for M&E purposes:

- CBVCT 1: Number of clients<sup>1</sup> tested for HIV with a screening test<sup>2</sup>
- CBVCT 2: Proportion of clients who reported to have been previously tested for HIV
- CBVCT 3: Proportion of clients who reported to have been tested for HIV during preceding 12 months
- CBVCT 4: Proportion of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months
- CBVCT 5: Proportion of clients with reactive screening HIV test result
- CBVCT 6: Proportion of clients tested for HIV with a screening test who received the results
- CBVCT 7: Proportion of clients with reactive screening HIV test result who received post- result counselling
- CBVCT 8: Proportion of clients with reactive screening HIV test result who were tested with confirmatory HIV test<sup>3</sup>
- CBVCT 9: Proportion of clients with positive confirmatory HIV test result
- CBVCT 10: Proportion of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility
- CBVCT 11: Proportion of clients with positive confirmatory HIV test result who received post-result<sup>4</sup> counselling at CBVCT facility

In addition, the following 5 optional CBVCT indicators will be collected routinely within HIV-COBATEST network of CBVCT services and are suggested to be considered for collection in CBVCT services in Europe for M&E purposes:

- CBVCT 12: Proportion of clients who received a pre-test discussion<sup>5</sup> or pre-test counselling or pre-result counselling<sup>6</sup> and were tested for HIV with a screening test
- CBVCT 13: Proportion of clients with non-reactive screening HIV test result who received post-result counselling

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<sup>1</sup> A CBVCT service specific clients' unique identifiers must be used to eliminate duplicates and to link information obtained at different visits from the same client and information about the same client received from other services (e.g. HIV testing laboratory). For example Soundex code of a surname and date of birth can be used. Some CBVCT services may decide to collect personal data about their clients.

<sup>2</sup> Enzyme-linked immunosorbent assay (ELISA) HIV test or rapid HIV test.

<sup>3</sup> Only a positive result of a confirmatory HIV test is the conclusive evidence of HIV infection.

<sup>4</sup> The term post-result counselling is equivalent to the term post-test counselling.

<sup>5</sup> In accordance with the CBVCT code of good practice prepared by HIV-COBATEST project, it may be a shorter pre-test discussion instead of a pre-test or pre-result counselling session that precedes specimen collection. When rapid HIV tests are used, shorter pre-test discussion and post-test counselling may be conducted within one session with the client.

<sup>6</sup> The term "pre-result counselling" implies counselling while waiting for a rapid HIV test result.

CBVCT 14: Proportion of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility

CBVCT 15: Cost per client tested

CBVCT 16: Cost per HIV diagnosis

All these indicators, except for the latter two, should also be monitored in “disaggregated” form by gender, age (<25 and 25+ years old) and key population at risk (MSM, SW, IUD, migrants).

In addition, some contextual CBVCT service level descriptive data are suggested to be collected routinely by CBVCT services for M&E purposes, including the type of HIV tests used.

Finally, it would be very useful for CBVCT services to be able to monitor successful linkage of HIV infected clients’ to health care and proportion of CBVCT services clients diagnosed late. *Linkage to health care is defined as entry into health care or follow-up by an HIV specialist or in an HIV unit within three months after HIV diagnosis at CBVCT facility and the linkage is facilitated by the CBVCT site. Late HIV diagnosis is defined as diagnosis when CD4 cells count within three months after HIV diagnosis is <350 CD4 cell/mm<sup>3</sup>.* The relevant two optional core CBVCT indicators to be considered by CBVCT services are:

CBVCT 17: Proportion of clients who tested HIV positive at CBVCT sites who were linked to health care

CBVCT 18: Proportion of clients who tested HIV positive at CBVCT sites who were diagnosed late

Although the list of core CBVCT indicators suggested above for M&E CBVCT services is already rather long, individual CBVCT sites may decide to monitor a few additional indicators that are relevant to their specific CBVCT service objectives and targets or are requested for monitoring by funding agencies or donors. Such additional indicators could include indicators on counselling quality and client satisfaction, counsellors’ requirements and satisfaction, etc. This might require not only more extensive data collection but also more complex data collection methods (e.g. exit interviews to monitor clients’ satisfaction (9) or direct observation of interaction between clients and providers to monitor adherence to national HTC service quality standards) and should be considered carefully.

### 3.1.1. Data sources

The information needed for estimating the first 16 of the suggested core and optional CBVCT indicators and the contextual CBVCT service level descriptive data can be collected as part of the routine CBVCT services records keeping system. The indicators from CBVCT 1 to CBVCT 14 are based on information about individual clients. The indicators CBVCT 15 and CBVCT 16 are specific for the whole CBVCT service.

The information needed for estimating the last two suggested optional CBVCT indicators (CBVCT 17 and CBVCT 18) might not be available at the CBVCT service. Since these two indicators are relevant for two of the four general CBVCT objectives, possibility to either obtain such information from local health care services to which the clients who tested positive were referred to or from the national HIV surveillance system should be explored.

### 3.1.2. Data items

A minimum of the following data items need to be collected routinely for each client seen at the CBVCT site to be able to obtain and/or calculate or compute the 11 core and 3 optional CBVCT indicators (CBVCT 1 to CBVCT 14):

#### Clients' unique identifier:

any specific unique identifier<sup>7</sup> used at an individual CBVCT service (e.g. : Soundex code of a surname and date of birth)

#### Clients' characteristics data:

gender (male, female)

age (in years or calculated in years from the date of visit and date of birth or only <25years old and 25+ years old)

key population at higher risk (MSM, SW, IDU, migrant, other, does not want to tell, not asked)

#### Data about requesting the test visit:

date of “requesting the test” visit (dd/mm/yy)

ever tested before (yes, no, does not know, does not want to tell, not asked)

tested previously – last time during 12 months preceding the “requesting the test” visit (yes, no, does not know, does not want to tell, not asked)

tested previously – last time during 12 months preceding the “requesting the test” visit at the same CBVCT facility (yes, no, does not know, does not want to tell, not asked)

pre-test discussion or pre-test counselling or pre-result counselling (yes, no)

specimen for HIV testing obtained (yes, no)

screening HIV test performed, e.g. rapid HIV test or ELISA test (yes, no)

#### Screening HIV test:

screening HIV test result (reactive, non-reactive)

#### Data about obtaining the screening HIV test result session/visit<sup>8</sup>:

obtaining the screening HIV test result session/visit (yes, no)

date of obtaining the screening HIV test result session/visit (dd/mm/yy)

client received the screening HIV test result (yes, no)

HIV screening test post-result counselling (yes, no)

The following data need to be collected only for clients with reactive screening HIV test result:

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<sup>7</sup> Some sort of clients' unique identifiers must be used to eliminate duplicates and to link information obtained at different visits from the same client and information about the same client received from other services (e.g. HIV testing laboratory). For example, Soundex code of a surname and date of birth can be used. See Soundex coding guide in Appendix 2.

<sup>8</sup> Obtaining the screening HIV test result session/visit may be the same as the requesting the HIV test session/visit if rapid HIV test are used.

Confirmatory HIV testing:

- confirmatory HIV test performed (yes, no)
- confirmatory HIV test result (positive, negative, inconclusive)

Data about obtaining the confirmatory HIV test result visit:

- obtaining confirmatory HIV test result visit (yes, no)
- date of “obtaining the confirmatory HIV test result” visit (dd/mm/yy)
- post-test HIV counselling (yes, no)
- client received the confirmatory HIV test result (yes, no)

For estimating the core indicators CBVCT 15 and CBVCT 16 the total operational cost of CBVCT facility during a specified period (e.g. one year) is needed.

The contextual information about the type of HIV tests used at CBVCT facility during a ~~period~~ (e.g. one year) is available at the facility.

For estimating the indicators CBVCT 18 and CBVCT 19, the following information on clients who were diagnosed as HIV positive at CBVCT sites should try to be obtained from the local health care services to which they were referred or from the national HIV surveillance system:

- successful linkage into health care system (yes, no)
- date of entry into health care (dd/mm/yy)
- CD4 count at entry into health care (count)
- date of CD4 count at entry into health care (dd/mm/yy)

The last four data items should be linked to the unique identifier used at the individual ~~CBVCT~~.

Individual CBVCT services that will use these core and optional CBVCT indicators for M&E of their services should ensure the collection of these data items within their own data collection or records keeping system.

**3.1.3. Frequency of measurement**

Annual estimation of all CBVCT indicators is suggested. This would correspond to one year reference time period for all indicators.

Individual CBVCT sites may decide on more frequent estimation of at least some of the core CBVCT indicators (e.g. monthly monitoring of the number of clients tested for HIV).

**3.1.4. Measurement and calculation methods**

For the core indicator CBVCT 1 a simple count during a specified period (e.g. a year) is needed. This indicator should also be estimated in a “disaggregated” form: for men and women and for at least two different age groups (< 25 years old and 25+ years old) and by key populations at higher risk (MSM, SW, IUD, migrants from countries with generalised epidemics). Some examples for a “disaggregated” indicator CBVCT 1 are:



Number of clients tested for HIV with a screening test that were female SW  
 Number of clients tested for HIV with a screening test that were male SW  
 Number of clients tested for HIV with a screening test that were SW and < 25 years old  
 Number of clients tested for HIV with a screening test that were SW and 25+ years old

For obtaining estimates of all other core and optional CBVCT indicators (CBVCT 2 to CBVCT 18) data for the numerators and denominators are needed:

CBVCT 2:

Proportion of clients who reported to have been previously tested for HIV (during a specified period, e.g. a year)

Numerator: number of clients who reported to have been previously tested for HIV (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 3:

Proportion of clients who reported to have been tested for HIV during preceding 12 months (during a specified period, e.g. a year)

Numerator: number of clients who reported to have been tested for HIV during preceding 12 months (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 4:

Proportion of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months (during a specified period, e.g. a year)

Numerator: number of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 5:

Proportion of clients with HIV reactive screening HIV test result (during a specified period, e.g. a year)

Numerator: number of clients with reactive screening HIV test result (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 6:

Proportion of clients tested for HIV with a screening HIV test who received the results (during a specified period, e.g. a year)

Numerator: number of clients tested for HIV with a screening test who received the results (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 7:

Proportion of clients with reactive screening HIV test result who received post-result counselling (during a specified period, e.g. a year)

Numerator: number of clients with reactive screening HIV test result who received post-result counselling (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 8:

Proportion of clients with reactive screening HIV test result who were tested with confirmatory HIV test (during a specified period, e.g. a year)

Numerator: number of clients with reactive screening HIV test result who were tested with confirmatory HIV test (in a given year)

Denominator: number of clients with reactive result of the screening HIV test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 9:

Proportion of clients with positive confirmatory HIV test result (during a specified period, e.g. a year)

Numerator: number of clients with positive confirmatory HIV test result (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 10:

Proportion of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility (during a specified period, e.g. a year)

Numerator: number of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility (in a given year)

Denominator: number of clients with positive confirmatory HIV test result (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 11:

Proportion of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility (during a specified period, e.g. a year)

Numerator: number of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility (in a given year)

Denominator: number of clients with positive confirmatory HIV test result (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

CBVCT 12:

Proportion of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test (during a specified period, e.g. a year)

Numerator: number of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test (in a given year)

Denominator: number of clients who received pre-test discussion or pre-test counselling (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

**CBVCT 13:**

Proportion of clients with non-reactive screening HIV test result who received post-result counselling (during a specified period, e.g. a year)

Numerator: number of clients with non-reactive screening HIV test result who received post-result counselling (in a given year)

Denominator: number of clients with non-reactive screening HIV test (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

**CBVCT 14:**

Proportion of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility (during a specified period, e.g. a year)

Numerator: number of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility (in a given year)

Denominator: number of clients with negative confirmatory HIV test result (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

The CBVCT indicators (CBVCT2 to CBVCT 14) should also be estimated or calculated in a “disaggregated” form by gender, age and key populations at increased risk (MSM, SW, SW, migrants). For example,

“Disaggregated” CBVCT 5 indicator for clients who are SW and <25 years old:

Proportion of clients who are male SW and < 25 years old with reactive screening HIV test result (during a specified period, e.g. a year)

Numerator: number of clients who are SW and < 25 years old with reactive screening HIV test result (in a given year)

Denominator: number of clients who are SW and < 25 years (in a given year)

Calculation:  $\text{numerator} / \text{denominator} \times 100$  (to give a percent [%])

The indicators CBVCT 15 and CBVCT 16 are indicators specific for the whole CBVCT service.

**CBVCT 15:**

Cost per client tested (during a specified period, e.g. one year)

Numerator: total operational cost of CBVCT service (in a given year)

Denominator: number of clients tested for HIV with a screening test (in a given year)

Calculation:  $\text{numerator} / \text{denominator}$

**CBVCT 16:**

Cost per HIV diagnosis (during a specified period, e.g. one year)

Numerator: total operational cost of CBVCT service (in a given year)

Denominator: number of clients diagnosed with HIV infection (in a given year)

Calculation:  $\text{numerator} / \text{denominator}$

CBVCT 17:

Proportion of clients who tested HIV positive<sup>9</sup> at CBVCT sites who were linked to health care<sup>10</sup> (during a specified period, e.g. one year)

Numerator: number of clients who tested HIV positive at CBVCT sites who were linked to health care (in a given year)

Denominator: number of clients who tested HIV positive at CBVCT site (in a given year)

Calculation: numerator / denominator (to give a percent [%])

CBVCT 18:

Proportion of clients who tested HIV positive at CBVCT sites who were diagnosed late<sup>11</sup> (during a specified period, e.g. one year)

Numerator: number of clients who tested HIV positive at CBVCT sites who were diagnosed late<sup>9</sup> (in a given year)

Denominator: number of clients who tested HIV positive at CBVCT site (in a given year)

Calculation: numerator / denominator (to give a percent [%])

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<sup>9</sup> Positive confirmatory test result.

<sup>10</sup> Linkage to health care is defined as entry into health care or follow-up by an HIV specialist or in an HIV unit within three months after HIV diagnosis at CBVCT facility and the linkage was facilitated by the CBVCT facility.

<sup>11</sup> Late HIV diagnosis is defined as diagnosis when CD4 cells count within three months after HIV diagnosis is <350 CD4 cell/mm<sup>3</sup>.

### 3.2. Candidate core CBVCT indicators for national level monitoring of CBVCT

#### 3.2.1. UNAIDS, WHO and ECDC HIV related testing indicators adapted for CBVCT

European national HIV/AIDS prevention, treatment and care programmes that in their HTC programmes emphasize the importance of CBVCT programmes might consider using “adapted” HIV related testing indicators proposed by UNAIDS, WHO and ECDC for monitoring and evaluation of CBVCT services.

Relevant for CBVCT adapted UNAIDS, WHO and ECDC indicators would be:

CBVCT GARP/UA/DD 1.9:

Percentage of SW who have received an HIV test in the past 12 months at CBVCT service and know their result;

CBVCT GARP/UA/DD 1.13:

Percentage of MSM who have received an HIV test in the past 12 months at CBVCT service and know their result;

CBVCT GARP/UA/DD 2.4:

Percentage of IDU who have received an HIV test in the past 12 months at CBVCT service and know their result.

Additional relevant for CBVCT adapted ECDC (DD indicator) would be:

CBVCT DD 1.19:

Percentage of migrants from countries with generalized epidemics who received an HIV test in the last 12 months and know their result.

Suggesting methods for data collection for regular estimation of these CBVCT specific indicators is beyond the scope of this guidelines and would require the involvement of relevant stakeholder such as national HIV/AIDS prevention, treatment and care programme M&E team. Data collection methods would depend on specific national approach to M&E of the national HTC programme impact.

In countries where GARP/UA/DD indicators 1.9, 1.13, and 2.4 and DD 1.19 are estimated for the purpose of M&E of national HIV/AIDS prevention, treatment and care programmes as well as international reporting requirements, and CBVCT activities are perceived an important part of national HTC programmes, the above listed to CBVCT adapted GARP/UA/DD indicators 1.9, 1.13, 2.4 and DD 1.19 could be estimated with the inclusion of only one additional question per indicator into the relevant behaviour surveillance surveys.

### 3.2.2. Additional candidate national level core indicators to monitor CBVCT

European national HIV/AIDS prevention, treatment and care programmes that in their HTC programmes emphasize the importance of CBVCT programmes might consider using the following CBVCT indicators for monitoring and evaluation of the contribution of CBVCT services to HTC programme within monitoring and evaluating their HTC programme:

- Number of CBVCT sites

- Proportion of individuals tested for HIV at CBVCT site among all people tested for HIV

- Proportion of new HIV diagnoses at CBVCT services among all new HIV diagnoses

- Proportion of new HIV diagnoses that were late (CD4 count <350 cells / mm<sup>3</sup>) among all new HIV diagnoses at CBVCT services

- Proportion of new HIV diagnoses among MSM at CBVCT services among all new HIV diagnoses among MSM

- Proportion of new HIV diagnoses among SW at CBVCT services among all new HIV diagnoses among SW

- Proportion of new HIV diagnoses among IDU at CBVCT services among all new HIV diagnoses among IDU

- Proportion of new HIV diagnoses among migrants at CBVCT services among all new HIV diagnoses among migrants from countries with generalised epidemics

- Proportion of CBVCT services clients who tested HIV positive and were linked to health care

- Proportion of positive HIV test results of all HIV tests performed at CBVCT services

- Average cost per client tested at CBVCT services

- Average cost per HIV diagnosis at CBVCT services

- Proportion of CBVCT services that adhere to international or national HTC service quality standards

Suggesting methods for necessary data collection for regular estimation of such CBVCT specific indicators is beyond the scope of these guidelines and would require the involvement of relevant stakeholders such as national HIV/AIDS prevention, treatment and care programme M&E team. Data collection methods would depend on specific national approach to M&E of the national HTC programme impact.

#### 4. Recommendations for the implementation of guidelines for CBVCT services

All CBVCT services members of the HIV-COBATEST network will implement these guidelines to field-test these CBVCT indicators. Commitment to use the suggested core and optional CBVCT indicators for M&E of CBVCT services activities will be a precondition to become a member.

Other CBVCT services in Europe are also encouraged to integrate the suggested CBVCT indicators into their M&E activities.

M&E of CBVCT at individual services level requires the allocation of needed resources such as personnel time and logistic support which should be planned for and ensured. For individual CBVCT services, incorporating core and optional CBVCT indicators into their M&E will provide internationally standardised information for improving their services and enable them to compare their performance over time and to other similar services. Individual CBVCT services may also use such M&E results for advocating for CBVCT services in addition to health care based HTC services and for providing evidence of their good performance and impact when seeking funding. Such standardised approach will also allow for comparability of CBVCT M&E data within the European HIV-COBATEST network, between CBVCT services in member states and also at the international level.

The great majority of necessary data items for the suggested CBVCT indicators can be collected at the CBVCT site through routine records keeping. Most operating CBVCT services probably already collect a great majority of data items if not all, that are necessary for estimating the suggested core and optional CBVCT indicators within their routine data collection or records keeping systems. Thus only minor adaptations of their data collection might be needed in individual CBVCT services for the purpose of standardisation or harmonization of M&E data.

For estimating the last two very important optional CBVCT indicators, additional information on clients who were diagnosed as HIV positive at CBVCT sites should be obtained from either local health care services to which they were referred to or from the national HIV surveillance system. This will require involvement and cooperation of relevant local stakeholders and the use of a common unique identifier data (e.g. SOUNDEX code of a surname and date of birth). In negotiating access to such data, personal data protection issues should be considered carefully and, if necessary, a local medical ethical committee consent should be sought.

An example of a core CBVCT indicators data collection form is given in Appendix 1. This form was designed to be used by CBVCT services that will be members of the HIV-COBATEST network sending the data to the HIV-COBATEST coordinator. The form can also be used to send the data to the national HIV/AIDS prevention, treatment and care programme to be used for the purpose of optional M&E of CBVCT within the national HTC programme.

## 5. References

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3. UNAIDS. Global AIDS Response progress reporting: monitoring the 2011 political declaration on HIV/AIDS: guidelines on construction of core indicators: 2012 reporting. Geneva: UNAIDS; 2011.
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5. World Health Organisation (WHO). Global HIV/AIDS Response: Epidemic update and health sector progress towards Universal Access: Progress report 2011. Geneva: WHO; 2011
6. European Centre for Disease Prevention and Control (ECDC). Implementing the Dublin Declaration on Partnership to Fight HIV/AIDS in Europe and Central Asia: 2010 progress report. Stockholm: ECDC; 2010.
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8. Family Health International (FHI). Monitoring and evaluating Voluntary Counseling and Testing Services (Module 7). In: Monitoring HIV/AIDS Programs: a Facilitators Training Guide (a USAID Resource for Prevention, Care and Treatment). Durham: FHI; 2004.
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**CBVCT indicators data collection form  
for HIV-COBATEST network**

## Instructions for using the CBVCT PROGRAMME M&E REPORT FORM

This form was designed to be used by CBVCT services that will be members of the HIV-COBATEST network for sending the results of M&E to the HIV-COBATEST coordinator.

For all members of the HIV-COBATEST network it will be mandatory to report the M&E data indicators CBVCT 1 to CBVCT 16 at least once during the HIV-COBATEST project. All necessary data items for these indicators can be collected at the CBVCT service level. Most operating CBVCT services probably already collect a great majority of data items if not all, that are necessary for estimating the suggested core and optional CBVCT indicators within their routine data collection or records keeping systems. Thus only minor adaptations of their data collection might be needed in individual CBVCT services for the purpose of standardisation or harmonization of M&E data. In case HIV testing is conducted in external laboratory all necessary information should be provided to the CBVCT service.

For estimating the last two very important optional CBVCT indicators, additional information on clients who were diagnosed as HIV positive at CBVCT sites should be obtained from either ~~local~~ health care services to which they were referred to or from the national HIV surveillance system. This will require involvement and cooperation of relevant local stakeholders and the use of a common unique identifier data (e.g. SOUNDEX code of a surname and date of birth).

For most indicators, the data should be reported in “disaggregated” form by gender, age (<25 and 25+ years old) and key population at risk (MSM, SW, IUD, migrants). In case some clients belong to several key populations at risk (e.g. MSM and migrant), they should be reported as such (e.g. under MSM and migrant). Thus the number of all clients (All) might be lower than the sum of MSM, SW, IDU, and migrants.

The form can also be used to send the data to the national HIV/AIDS prevention, treatment and care programme to be used for the purpose of national monitoring and evaluation of CBVCT within the national HIV testing and counselling programme.

Finally, the form seems rather long, but for most CBVCT services that serve mostly one of the key populations at higher risk only roughly one third of the data asked for in the reporting form will have to be submitted.

Alternative way of submitting data by the CBVCT services that will be members of HIV-COBATEST network, such as disaggregated individual records data submission, can be agreed upon with individual CBVCT services. All necessary data items collection for the CBVCT indicators will also be integrated into the data collection instruments for the HIV-COBATEST Work package 7.

**CBVCT PROGRAMME M&E REPORT FORM  
HIV-COBATEST CBVCT services network**

**CBVCT service name:** \_\_\_\_\_

**CBVCT service address:** \_\_\_\_\_

**Responsible individual:**

**Name:** \_\_\_\_\_

**E-mail address:** \_\_\_\_\_

**Telephone number:** \_\_\_\_\_

**Reporting period:** from (dd/mm/yy): \_\_\_\_\_ to (dd/mm/yy): \_\_\_\_\_

**Submission date:** (dd/mm/yy): \_\_\_\_\_

**Contextual information about CBVCT service:**

**Type of HIV tests used:**

**CBVCT 1: Number of clients tested for HIV**

Number of clients tested for HIV with a screening test	All	Males	Females	<25 years old	25+ years old
MSM			NA		
SW					
IDU					
Migrants					
All					

**CBVCT 2: Proportion of clients who reported to have been tested for HIV**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients who reported to have been previously tested for HIV		NA			
<b>Numerator:</b> number of clients who reported to have been previously tested for HIV		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients who reported to have been previously tested for HIV					
<b>Numerator:</b> number of clients who reported to have been previously tested for HIV					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients who reported to have been previously tested for HIV					
<b>Numerator:</b> number of clients who reported to have been previously tested for HIV					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients who reported to have been previously tested for HIV					
<b>Numerator:</b> number of clients who reported to have been previously tested for HIV					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All</b>					
<b>Proportion (%)</b> of clients who reported to have been previously tested for HIV					
<b>Numerator:</b> number of clients who reported to have been previously tested for HIV					
<b>Denominator:</b> number of clients tested for HIV with a screening test					

**CBVCT 3: Proportion of clients who reported to have been tested for HIV during preceding 12 months**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months		NA			
<b>Numerator:</b> number of clients who reported to have been tested for HIV during preceding 12 months		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All clients</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					

**CBVCT 4: Proportion of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months		NA			
<b>Numerator:</b> number of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All clients</b>					
<b>Proportion (%)</b> of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Numerator:</b> number of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months					
<b>Denominator:</b> number of clients tested for HIV with a screening test					

**CBVCT 5: Proportion of clients with reactive screening HIV test result**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients with HIV reactive screening HIV test result		NA			
<b>Numerator:</b> number of clients with reactive screening HIV test result		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients with HIV reactive screening HIV test result					
<b>Numerator:</b> number of clients with reactive screening HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients with HIV reactive screening HIV test result					
<b>Numerator:</b> number of clients with reactive screening HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients with HIV reactive screening HIV test result					
<b>Numerator:</b> number of clients with reactive screening HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All</b>					
<b>Proportion (%)</b> of clients with HIV reactive screening HIV test result					
<b>Numerator:</b> number of clients with reactive screening HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					

**CBVCT 6: Proportion of clients tested for HIV with a screening test who received the results**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results		NA			
<b>Numerator:</b> number of clients tested for HIV with a screening test who received the results		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results					
<b>Numerator:</b> number of clients tested for HIV with a screening test who received the results					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results					
<b>Numerator:</b> number of clients tested for HIV with a screening test who received the results					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results					
<b>Numerator:</b> number of clients tested for HIV with a screening test who received the results					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All</b>					
<b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results					
<b>Numerator:</b> number of clients tested for HIV with a screening test who received the results					
<b>Denominator:</b> number of clients tested for HIV with a screening test					



**CBVCT 7: Proportion of clients with reactive screening HIV test result who received post-result counselling**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling		NA			
<b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling					
<b>Denominator:</b> number of clients tested for HIV with a screening test					

**CBVCT 8: Proportion of clients with reactive screening HIV test result who were tested with confirmatory HIV test**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test		NA			
<b>Numerator:</b> number of clients with reactive screening HIV test result who were tested with confirmatory HIV test		NA			
<b>Denominator:</b> number of clients with a reactive result of the screening HIV test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Numerator:</b> number of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Denominator:</b> number of clients with a reactive result of the screening HIV test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Numerator:</b> number of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Denominator:</b> number of clients with a reactive result of the screening HIV test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Numerator:</b> number of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Denominator:</b> number of clients with a reactive result of the screening HIV test					
<b>All</b>					
<b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Numerator:</b> number of clients with reactive screening HIV test result who were tested with confirmatory HIV test					
<b>Denominator:</b> number of clients with a reactive result of the screening HIV test					

**CBVCT 9: Proportion of clients with positive confirmatory HIV test result**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result		NA			
<b>Numerator:</b> number of clients with positive confirmatory HIV test result		NA			
<b>Denominator:</b> number of clients tested for HIV with a screening test		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>IDU</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					
<b>All</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result					
<b>Denominator:</b> number of clients tested for HIV with a screening test					

**CBVCT 10: Proportion of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion</b> (%) of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility		NA			
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility		NA			
<b>Denominator:</b> number of clients with positive confirmatory HIV test result		NA			
<b>SW</b>					
<b>Proportion</b> (%) of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					
<b>IDU</b>					
<b>Proportion</b> (%) of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					
<b>Migrants</b>					
<b>Proportion</b> (%) of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					
<b>All</b>					
<b>Proportion</b> (%) of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					

**CBVCT 11: Proportion of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility		NA			
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility		NA			
<b>Denominator:</b> number of clients with positive confirmatory HIV test result		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					
<b>IDU</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					
<b>All</b>					
<b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Numerator:</b> number of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility					
<b>Denominator:</b> number of clients with positive confirmatory HIV test result					

**CBVCT 12: Proportion of clients who received a pre-test discussion or pre-test counselling or pre-result counselling and were tested for HIV with a screening test**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test		NA			
<b>Numerator:</b> number of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test		NA			
<b>Denominator:</b> number of clients who received pre-test discussion or pre-test counselling		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Numerator:</b> number of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Denominator:</b> number of clients who received pre-test discussion or pre-test counselling					
<b>IDU</b>					
<b>Proportion (%)</b> of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Numerator:</b> number of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Denominator:</b> number of clients who received pre-test discussion or pre-test counselling					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Numerator:</b> number of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Denominator:</b> number of clients who received pre-test discussion or pre-test counselling					
<b>All</b>					
<b>Proportion (%)</b> of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Numerator:</b> number of clients who received pre-test discussion or pre-test counselling and were tested for HIV with a screening test					
<b>Denominator:</b> number of clients who received pre-test discussion or pre-test counselling					

**CBVCT 13: Proportion of clients with non-reactive screening HIV test result who received post-result counselling**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion (%)</b> of clients with non-reactive screening HIV test result who received post-result counselling		NA			
<b>Numerator:</b> number of clients with non-reactive screening HIV test result who received post result counselling		NA			
<b>Denominator:</b> number of clients with non-reactive screening HIV test result		NA			
<b>SW</b>					
<b>Proportion (%)</b> of clients with non-reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with non-reactive screening HIV test result who received post result counselling					
<b>Denominator:</b> number of clients with non-reactive screening HIV test result					
<b>IDU</b>					
<b>Proportion (%)</b> of clients with non-reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with non-reactive screening HIV test result who received post result counselling					
<b>Denominator:</b> number of clients with non-reactive screening HIV test result					
<b>Migrants</b>					
<b>Proportion (%)</b> of clients with non-reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with non-reactive screening HIV test result who received post result counselling					
<b>Denominator:</b> number of clients with non-reactive screening HIV test result					
<b>All</b>					
<b>Proportion (%)</b> of clients with non-reactive screening HIV test result who received post-result counselling					
<b>Numerator:</b> number of clients with non-reactive screening HIV test result who received post result counselling					
<b>Denominator:</b> number of clients with non-reactive screening HIV test result					

**CBVCT 14: Proportion of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility**

	All	Males	Females	<25 years old	25+ years old
<b>MSM</b>					
<b>Proportion</b> (%) of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility		NA			
<b>Numerator:</b> number of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility		NA			
<b>Denominator:</b> number of clients with a negative confirmatory HIV test result		NA			
<b>SW</b>					
<b>Proportion</b> (%) of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with a negative confirmatory HIV test result					
<b>IDU</b>					
<b>Proportion</b> (%) of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with a negative confirmatory HIV test result					
<b>Migrants</b>					
<b>Proportion</b> (%) of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with a negative confirmatory HIV test result					
<b>All</b>					
<b>Proportion</b> (%) of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Numerator:</b> number of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility					
<b>Denominator:</b> number of clients with a negative confirmatory HIV test result					



**CBVCT 15: Cost per client tested**

Numerator: total operational cost of CBVCT service: \_\_\_\_\_ €

Denominator: number of clients tested: \_\_\_\_\_

Calculation: numerator / denominator: \_\_\_\_\_ € / client tested

**CBVCT 16: Cost per HIV diagnosis**

Numerator: total operational cost of CBVCT service: \_\_\_\_\_ €

Denominator: number of clients diagnosed with HIV infection: \_\_\_\_\_

Calculation: numerator / denominator: \_\_\_\_\_ € / HIV diagnosis

**CBVCT 17: Proportion of clients who tested HIV positive at CBVCT sites who were linked to health care**

Numerator: number of clients who tested HIV positive at CBVCT sites who were linked to health care \_\_\_\_\_

Denominator: number of clients with reactive HIV test at CBVCT site \_\_\_\_\_

Calculation: numerator / denominator X 100 \_\_\_\_\_ %

**CBVCT 18: Proportion of clients who tested HIV positive at CBVCT sites who were diagnosed late**

Numerator: number of clients who tested HIV positive at CBVCT sites who were diagnosed late \_\_\_\_\_

Denominator: number of clients with reactive HIV test at CBVCT site \_\_\_\_\_

Calculation: numerator / denominator X 100 \_\_\_\_\_ %

**COMMENTS**

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**Appendix 2**

**Soundex coding guide**

The Soundex Code of a surname is always one letter followed by three numbers, such as E235 or W-262 (the hyphen is optional and can be disregarded). The letter is always the first letter of the surname. The numbers are assigned to the remaining letters of the surname according to the guide below. If necessary, zeroes are added at the end to produce a four-character code. Additional letters are disregarded.

Each number represents letters:

1 = B, F, P and V

2 = C, G, J, K, Q, S, X and Z

3 = D and T

4 = L

5 = M and N

6 = R

Disregard the letters A, E, I, O, U, H, W, and Y.

Some of the simpler examples:

Washington is coded W252 (W, 2 for the S, 5 for the N, 2 for the G, remaining letters disregarded).

Lee is coded L000 (L, there is no Soundex Code for E so the numbers 000 are added).

Some of the more complex rules:

Any double letters in a name are treated as one letter. For example:

Gutierrez is coded G-362 (G, 3 for the T, 6 for the first R, second R ignored, 2 for the Z).

If the surname has different letters side-by-side that have the same number in the Soundex coding guide, they are treated as one letter. Examples:

Pfister is coded as P-236 (P, F ignored, 2 for the S, 3 for the T, 6 for the R).

Jackson is coded as J-250 (J, 2 for the C, K ignored, S ignored, 5 for the N, 0 added).

Tymczak is coded as T-522 (T, 5 for the M, 2 for the C, Z ignored, 2 for the K). Since the vowel "A" separates the Z and K, the K is coded.

If a surname has a prefix, such as Van, Con, De, Di, La, or Le, the code should ignore these prefixes.

Example:

VanDeusen is coded as D-250 (D, 2 for the S, 5 for the N, 0 added).

If a vowel (A, E, I, O, U) separates two consonants that have the same Soundex Code, the consonant to the right of the vowel is coded. Example:

Tymczak is coded as T-522 (T, 5 for the M, 2 for the C, Z ignored (see "Side-by-Side" rule above), 2 for the K). Since the vowel "A" separates the Z and K, the K is coded.

If "H" or "W" separate two consonants that have the same Soundex Code, the consonant to the right of the vowel is not coded. Example:

Ashcraft is coded A-261 (A, 2 for the S, C ignored, 6 for the R, 1 for the F). It is not coded A-226.

Online Soundex Machines are available. For example:

<http://resources.rootsweb.com/cgi-bin/soundexconverter>