

# **Euro HIV EDAT**

## **Work package 4**

### **Guidelines for Data Collection for Monitoring and Evaluation of Community Based Voluntary Counselling and Testing (CBVCT) for HIV in the COBATEST Network**

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## 1. INTRODUCTION

### 1.1 Community based voluntary counselling and testing for HIV

Early diagnosis of HIV infection is essential to decrease HIV related mortality and morbidity and to prevent further HIV transmission. It is a precondition for referral to treatment and HIV positive prevention. Community based voluntary counselling and testing (CBVCT) services are recognized as a good approach to improve access to early HIV diagnosis for key populations at higher risk of HIV infection such as men who have sex with men (MSM), sex workers (SW), people who inject drugs (PWID) and migrants who may not actively seek HIV testing and counselling within the formal health care system or may face barriers to do so.

The COBATEST network of CBVCT services has been created within the project “HIV community-based testing practices in Europe” (HIV-COBATEST) with co-funding from the Executive Agency for Health and Consumers (EAHC) under the EU Public Health Programme (Grant Agreement N° 2009 12 11) and continues to operate within the project “Operational knowledge to improve HIV early diagnosis and treatment among vulnerable groups in Europe” (Euro HIV EDAT) with co-funding from the Consumers, Health and Food Executive Agency (Chafea), acting under the powers delegated by the Commission of the European union (Grant Agreement N° 2013 11 01).

All CBVCT services, members of COBATEST network, had committed to monitor and evaluate (M&E) their activities using a standardised approach defined in the document “Core indicators to monitor HIV diagnosis at community based voluntary counselling and testing (CBVCT) services”, which has been developed within HIV-COBATEST project. In addition to many issues addressed, this document also defined objectives for M&E CBVCT activities, listed core CBVCT indicators, identified data sources and data items needed for estimating these indicators, the suggested frequency of measurement, and described measurement as well as calculation methods. This document is available at the EURO HIV EDAT website (<https://eurohivedat.eu/>).

**See Appendix 1: Core indicators to monitor HIV diagnosis at community based voluntary counselling and testing (CBVCT) services.**

For individual CBVCT services within COBATEST network M&E results provide information for improving their services and enable them to compare their performance to other similar services. M&E results may also be useful for advocacy for CBVCT services to be provided in addition to health care based HIV testing and counselling services and providing evidence of their activities and impact when seeking funding.

## 1.2 Core indicators to monitor HIV diagnosis at CBVCT services

The following 11 core CBVCT indicators (**level 1 indicators**) have been identified in the document Core indicators to monitor HIV diagnosis at community based voluntary counselling and testing (CBVCT) services and will be collected routinely within COBATEST network of CBVCT services within the Euro HIV EDAT project 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 (**level 2 indicators**) are suggested to be collected routinely within COBATEST network of CBVCT services within the Euro HIV EDAT project for M&E purposes:

- CBVCT 12: Proportion of clients who received a pre-test discussion<sup>5</sup> or pre-test counselling or

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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.

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

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, will be monitored in “disaggregated” form by gender, age (<25 and 25+ years old) and key population at risk (MSM, SW, PWID, migrants). If a client belongs to several key populations at risk (e.g. MSM and migrant), he or she 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, PWID, and migrants. In contrast, since some clients may not belong to any of the above mentioned key populations at risk, the number of all clients (All) might be higher than the sum of MSM, SW, PWID, and migrants.

In addition, some contextual CBVCT service level descriptive data are suggested to be collected routinely by CBVCT services within COBATEST network for M&E purposes, including the type of HIV tests used at CBVCT service, confirmatory HIV testing algorithm and whether confirmatory testing results are given to clients as part of CBVCT service or in a health care organization.

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 (**level 3 indicators**) to be considered by CBVCT services are:

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<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 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

## 2. OBJECTIVES

The objective of these Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network is to provide guidance to CBVCT services, members of COBATEST network, on:

- the data items to be collected for the purpose of M&E CBVCT activities and
- how and how often to submit the data

to the Centre d'Estudis Epidemiològics sobre les Infeccions de Transmissió Sexual i Sida de Catalunya (CEEISCAT) or the National Institute of Public Health (NIPH) where the data will be managed and analysed.

## 3. METHODS AND PROCEDURES

### 3.1. Data collected for monitoring and evaluation CBVCT

The common minimal data set needed to estimate the above mentioned core set of indicators has been identified in the document Core indicators to monitor HIV diagnosis at CBVCT services and will be collected routinely within COBATEST network of CBVCT services within the Euro HIV EDAT project for M&E purposes.

The following data items need to be collected routinely for each client seen at the CBVCT site to be able to estimate the 11 level 1 CBVCT M&E indicators (CBVCT 1 to CBVCT 11) and 3 level 2 CBVCT M&E indicators (CBVCT 12 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)

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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 6

**Clients' characteristics data:**

- gender (male, female, transgender)
- 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, PWID, migrant, other, does not want to tell, not asked)

**Data about requesting the test visit:**

- date of “requesting the test” visit or obtaining the specimen for HIV screening test (dd/mm/yyyy)
- 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/remember, 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<sup>8</sup> (yes, no, does not know/remember, does not want to tell, not asked)
- pre-test discussion or pre-test counselling or pre-result counselling (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>9</sup>:**

- date of receiving the screening HIV test result (dd/mm/yyyy)
- 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:

**Confirmatory HIV testing:**

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

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<sup>8</sup> Same CBVCT facility includes outreach.

<sup>9</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.

**Data about obtaining the confirmatory HIV test result visit:**

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

For estimating the level 2 CBVCT M&E indicators (CBVCT 15 and CBVCT 16) the total operational cost of CBVCT facility during a specified period (e.g. one year) is needed. Since some CBVCT facilities in addition to HIV testing also perform testing for some other sexually transmitted infections (STI) (e.g. syphilis, gonorrhoea, chlamydial infection) and hepatitis (e.g. hepatitis B and hepatitis C), they will include collecting all relevant information in their routine data collection procedures.

The contextual information about the type of HIV tests and other tests used at CBVCT facility during a specified period (e.g. half year) should be recorded.

For estimating the level 3 CBVCT M&E indicators (CBVCT 18 and CBVCT 19), the following information on clients who were diagnosed as HIV positive should try to be obtained from the local health care services to which they were referred or from the national HIV surveillance system:

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

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

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

Some CBVCT services, members of the COBATEST network, will opt for collecting the data necessary to estimate only the level 1 CBVCT M&E indicators (CBVCT 1 – CBVCT 11) and some may opt to collect data for estimating selected additional level 2 or level 3 CBVCT M&E indicators. Table 1 provides an overview of data items needed to estimate different CBVCT M&E indicators. For estimating some of these indicators several data items need to be collected for the respective numerator and denominator.

**Table 1: Overview of data items to be collected for estimating individual CBVCT M&E indicators**

| Data collected for M&E CBVCT   |                                   | Level 1 - Core CBVCT indicators |   |   |   |   |   |   |   |   |    |    | Level 2 - Optional CBVCT indicators |    |    |    |    | Level 3 - Optional CBVCT indicators |    |
|--|-----------------------------------|---------------------------------|---|---|---|---|---|---|---|---|----|----|-------------------------------------|----|----|----|----|-------------------------------------|----|
|  |                                   | 1                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                  | 13 | 14 | 15 | 16 | 17                                  | 18 |
| Clients' unique identifier   |                                   | ✓                               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓                                   | ✓  | ✓  |    |    | ✓                                   | ✓  |
| Gender (male, female, transgender)   |                                   | ✓                               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓                                   | ✓  | ✓  |    |    |                                     |    |
| Age  | Age (in years)                    |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|  | Age (<25years old, 25+ years old) | ✓                               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓                                   | ✓  | ✓  |    |    |                                     |    |
|  | Date of birth (dd/mm/yyyy)        |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Key population at higher risk (MSM, SW, PWID, migrant, other, does not want to tell, not asked)  |                                   | ✓                               | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓  | ✓  | ✓                                   | ✓  | ✓  |    |    |                                     |    |
| Date of "requesting the test" visit (dd/mm/yyyy)   | Numerator                         |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|  | Denominator                       |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Ever tested before (yes, no, does not know, does not want to tell, not asked)  | Numerator                         |                                 | ✓ |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|  | Denominator                       |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| 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)                            | Numerator                         |                                 |   | ✓ |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|  | Denominator                       |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| 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) | Numerator                         |                                 |   |   | ✓ |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|  | Denominator                       |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Pre-test discussion or pre-test counselling or pre-result counselling (yes, no, does not know)   | Numerator                         |                                 |   |   |   |   |   |   |   |   |    |    | ✓                                   |    |    |    |    |                                     |    |
|  | Denominator                       |                                 |   |   |   |   |   |   |   |   |    |    | ✓                                   |    |    |    |    |                                     |    |
| Screening HIV test performed, e.g. rapid HIV test or ELISA test (yes, no)  | Numerator                         | ✓                               |   |   |   |   | ✓ |   |   |   |    |    | ✓                                   |    |    |    |    |                                     |    |
|  | Denominator                       |                                 | ✓ | ✓ | ✓ | ✓ | ✓ |   |   | ✓ |    |    |                                     |    |    | ✓  |    |                                     |    |
| Screening HIV test result (reactive, non-reactive)   | Numerator                         |                                 |   |   |   | ✓ |   | ✓ | ✓ |   |    |    |                                     | ✓  |    |    |    |                                     |    |
|  | Denominator                       |                                 |   |   |   |   |   | ✓ | ✓ |   |    |    |                                     | ✓  |    |    |    |                                     |    |

| Data collected for M&E CBVCT  |             | Level 1 - Core CBVCT indicators |   |   |   |   |   |   |   |   |    |    | Level 2 - Optional CBVCT indicators |    |    |    |    | Level 3 - Optional CBVCT indicators |    |
|---|-------------|---------------------------------|---|---|---|---|---|---|---|---|----|----|-------------------------------------|----|----|----|----|-------------------------------------|----|
|   |             | 1                               | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12                                  | 13 | 14 | 15 | 16 | 17                                  | 18 |
| Date of receiving the screening HIV test result (dd/mm/yyyy)              | Numerator   |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Client received the screening HIV test result (yes, no, does not know)    | Numerator   |                                 |   |   |   |   | ✓ |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| HIV screening test post-result counselling (yes, no, does not know)       | Numerator   |                                 |   |   |   |   |   | ✓ |   |   |    |    |                                     | ✓  |    |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Confirmatory HIV test performed (yes, no, does not know)                  | Numerator   |                                 |   |   |   |   |   |   | ✓ |   |    |    |                                     |    |    |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Confirmatory HIV test result (positive, negative, inconclusive)           | Numerator   |                                 |   |   |   |   |   |   |   | ✓ | ✓  | ✓  |                                     |    | ✓  |    |    | ✓                                   | ✓  |
|   | Denominator |                                 |   |   |   |   |   |   |   |   | ✓  | ✓  |                                     |    | ✓  |    | ✓  | ✓                                   | ✓  |
| Date of receiving the confirmatory HIV test result (dd/mm/yyyy)           | Numerator   |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Post-test HIV counselling (yes, no, does not know)                        | Numerator   |                                 |   |   |   |   |   |   |   |   |    | ✓  |                                     |    |    |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Client received the confirmatory HIV test result (yes, no, does not know) | Numerator   |                                 |   |   |   |   |   |   |   |   | ✓  |    |                                     |    | ✓  |    |    |                                     |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Successful linkage into health care system (yes, no, does not know)       | Numerator   |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    | ✓                                   |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Date of entry into health care (dd/mm/yyyy)                               | Numerator   |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    | ✓                                   |    |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| CD4 count at entry into health care (count)                               | Numerator   |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     | ✓  |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |
| Date of CD4 count at entry into health care (dd/mm/yyyy)                  | Numerator   |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     | ✓  |
|   | Denominator |                                 |   |   |   |   |   |   |   |   |    |    |                                     |    |    |    |    |                                     |    |



### 3.2. Data collection period

Data will be collected for at least two years starting in January 2015.

### 3.3. Data submission modes

CBVCT services, members of the COBATEST network, will have different alternative options to submit the data necessary to estimate the above mentioned CBVCT M&E indicators to the ICO-CEEISCAT and/or the NIPH. Submission of disaggregated data is a preferred option.

To submit the data in disaggregated format, participating CBVCT services will be able to use one of the following two approaches:

1. CBVCT services will be able to use the already existing data collection form and the web based tool for data entry developed by the HIV COBATEST project which is already used by some COBATEST network members and which is managed by ICO-CEEISCAT. This tool will be available on the project website (<https://eurohivedat.eu/>). The participating CBVCT service will have to log into the web-page with their account. Unique personal identifiers for entering data about individual participants will be used. This approach for submitting the data, will allow the CBVCT services to download their own CBVCT service data and request automatic computing of M&E indicators for a specified period for their own CBVCT service. See **Appendix 2: Manual for data entry: HIV COBATEST.**
2. CBVCT services that use their own data entry systems will be able to submit half year data files with the data for estimating CBVCT M&E core indicators according to the data file specifications prepared by the NIPH. See **Appendix 3: Data File specification for submitting disaggregated data for estimating core indicators to monitor HIV diagnosis at community based voluntary counselling and testing (CBVCT) services.**

Alternatively, CBVCT services will also have a possibility to submit the CBVCT M&E data in aggregated format by using one of the following two approaches:

3. EXCEL reporting form to report the core CBVCT indicators for M&E adapted from the paper reporting form developed by HIV COBATEST project and published in the document "Guidelines for Data Collection for Monitoring and Evaluating CBVCT for HIV in the COBATEST Network" has been developed by ICO-CEEISCAT. This EXCEL form will be available in the EURO-HIV-EDAT project website (<https://eurohivedat.eu/>). Unique personal identifiers for entering data about individual participants will be used. See **Appendix 4: Instructions for CBVCT M&E core indicators data entry into EXCEL reporting**

**form for COBATEST network.**

4. Paper reporting form for core CBVCT indicators for M&E developed by HIV COBATEST project and published in the document “Guidelines for Data Collection for Monitoring and Evaluating CBVCT for HIV in the COBATEST Network”. See **Appendix 5: Instructions for CBVCT core indicators data entry into EXCEL reporting form for COBATEST network.**

### **3.4. Data submission frequency**

CBVCT services submitting the data to estimate the CBVCT M&E core indicators in disaggregated form by using the already existing data collection form and the web based tool for data entry developed by the HIV COBATEST project available on the project website (<https://eurohivedat.eu/>), will have to enter the data for clients seen during the below defined four half year periods (dates of visit requesting the HIV test will be considered when defining the clients seen during the below specified half year periods) at least by the dates given below:

| <u>Data for clients seen during</u>                   | <u>should be entered by</u>     |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

CBVCT services submitting the data to estimate the CBVCT M&E core indicators in disaggregated form by using the data file specifications provided by the NIPH should submit the data for clients seen during the below defined four half year periods (dates of visit requesting the HIV test will be considered when defining the clients seen during the below specified half year periods) at least by the dates given below:

| <u>Data for clients seen during</u>                   | <u>should be submitted by</u>   |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

CBVCT services submitting the data to estimate the CBVCT M&E core indicators in aggregated form by using either EXCEL reporting form available in the Euro HIV EDAT project website (<https://eurohivedat.eu/>) or paper reporting form developed by HIV COBATEST project, will

have submit the data for clients seen during the below defined four half year periods (dates of visit requesting the HIV test will be considered when defining the clients seen during the below specified half year periods) at least by the dates given below:

| <u>Data for clients seen during</u>                   | <u>should be submitted by</u>   |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

In addition to information about individual clients, some contextual information about the CBVCT service should be provided with each data submission. Such information should include information about:

- type of specimens collected from clients,
- HIV test as well as other tests used (e.g. for diagnosing selected other STI such as syphilis, gonorrhoea, chlamydial infection and hepatitis B and hepatitis C),
- algorithm used for HIV confirmatory testing,
- whether confirmatory testing is performed by the CBVCT service or another organisation,
- whether confirmatory testing results is available to the CBVCT service if confirmatory testing is performed in another organisation,
- the total operational cost of CBVCT facility during a specified period (e.g. half a year),
- the source of linkage to care data, if available,
- the source of CD4 counts data, if available.

### **3.5. Data management and preparation of reports**

Data will be managed and analysed by the ICO-CEEISCAT and NIPH.

Three interim reports with data on M&E indicators will be prepared by the NIPH and will be distributed to the participating CBVCT services latest at the following dates:

- 1st interim report by 31<sup>st</sup> December 2015
- 2nd interim report by 30<sup>th</sup> June 2016
- 3rd interim report by 31<sup>st</sup> December 2016

Final Monitoring and Evaluation Report on Voluntary Counselling and HIV testing in the Euro HIV EDAT CBVCT network will be prepared by 30<sup>th</sup> June 2016 and distributed to the participating CBVCT services.

## 4. ETHICAL ISSUES

Personal data of participants (name, address, etc.) will not be included in data collection, nor in the data entry tool. Each participating CBVCT service will sign a letter of Agreement reflecting their commitment to proceed in line with the national laws for data protection.

## 5. PRODUCTS EXPECTED

First interim report with CBVCT M&E core indicators data will be included in the Technical Interim Report that will be submitted to the Chafea in December 2015.

A draft of the final Monitoring and Evaluation Report on Voluntary Counselling and HIV testing in the Euro HIV EDAT CBVCT network will be prepared by the Work Package 4 Task 2 working group under the coordination of the NIPH. The final draft will be distributed among the steering committee members and the Advisory board for their information and comments.

The final **Monitoring and Evaluation Report on Voluntary Counselling and HIV testing in the Euro HIV EDAT CBVCT network** will be prepared by 30<sup>th</sup> June 2016.

## **APPENDIX 1:**

### **“Core indicators to monitor HIV diagnosis at community based voluntary counselling and testing (CBVCT) services**



**CORE INDICATORS TO MONITOR  
COMMUNITY BASED  
VOLUNTARY COUNSELLING AND TESTING (CBVCT)  
FOR HIV**

**Guidelines for CBVCT services**

**Field-test version**

**July 2012**





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An early draft was developed by Irena Klavs (National Institute of Public Health-NIPH, Slovenia) in collaboration with Jordi Casabona (Centre d'Estudis Epidemiològics sobre les Infeccions de Transmissió Sexual i Sida de Catalunya – CEEISCAT, Spain), Cristina Agustí Benito (CEEISCAT), Laura Fernández López (CEEISCAT), Eduardo Ditzel (Projecte dels Noms-Hispanosida, Spain), Miha Lobnik (LEGEBITRA, Slovenia), and Per Slaaen Kaye (STOP AIDS, AIDS-Foundation, Denmark).

The draft document was discussed at the Workshop on the Core Group of Indicators to Monitor HIV Diagnosis in CBVCT Services in Barcelona on 24<sup>th</sup> of May 2012. Consensus on the list of core and optional CBVCT indicators was reached. Special thanks to Tobias Alfven (Joint United Nations Programme on HIV/AIDS - UNAIDS, Switzerland) for his contribution to the workshop and all his suggestions on how to improve the document. In addition to all individuals mentioned above, the following individuals participated at the workshop: Elena Adán (CAS Lluís Companys – Creu Roja, Spain), Maite Arrillaga (CEEISCAT), Alison Brown (Health Protection Agency-HPA, UK), Michele Breveglieri (ULSS 20, Italy), Laia Ferrer (CEEISCAT), Ricardo Fuertes (CheckpointLX, Portugal), Frank Funz (AIDS-Hilfe, Germany), Martina Furegato (ULSS 20, Italy), Jakob Haff (AIDS-Foundation, Denmark), Michael Melbroek (Projecte dels Noms-Hispanosida, Spain), Adriana Morales (Stop Sida, Spain), Galina Musat (ARAS, Romania), Félix Pérez (Projecte dels Noms-Hispanosida, Spain), Ivo Procházka (Institute of Sexology, Czech Republic), Ferran Pujol (Projecte dels Noms-Hispanosida, Spain), Daniela Rojas Castro (Association AIDES, France), Giorgio Sandrini (Arcigay, Italy), Sílvia Silva (Àmbit Prevenció-Àmbit Dona, Spain), Igor Sobolev (Estonian Network of People Living with HIV, Estonia), Július Szabó (Česka společnost AIDS pomoci, Czech Republic), Inga Upmace (The Baltic HIV association, Latvia), and Iwona Wawer (National AIDS Centre of Poland).

After the Workshop on the Core Group of Indicators to Monitor HIV Diagnosis in CBVCT Services, the document was sent for final comments to all members of the HIV-COBATEST Steering Committee and the members of the Advisory Board of the HIV-COBATEST Project who were: Cinthia Menel-Lemos, HIV-COBATEST Project Officer (Executive Agency for Health and Consumers – EAHC, Luxembourg), Marita Van der Laar (European Centre for Disease Prevention and Control – ECDC, Sweden), Luisa Frescura (UNAIDS), Martin C. Donoghoe (World Health Organisation – WHO, Europe, Denmark), Brenda Spencer (Laussane University Institute of Social and Preventive Medicine, Switzerland), Ricardo Fernandes (European AIDS Treatment Group, Belgium), Jens D. Lundgren (National University Hospital & University of Copenhagen HIV programme and HIV in Europe, Denmark).

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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  |



## 1. Introduction

### 1.1. Purpose

The purpose of this document is to provide guidance to human immunodeficiency virus (HIV) community based voluntary counselling and testing (CBVCT) services on use of indicators to monitor and evaluate (M&E) their 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 participating individual CBVCT services such M&E results will provide information for improving their services and enable them to compare their performance to other similar services. M&E results may also be useful for advocacy for CBVCT services to be provided in addition to health care based HIV testing and counselling (HTC) services and providing evidence of their activities and impact when seeking funding.

Recognising the difficulty of proposing the definition of CBVCT programmes or services and the heterogeneity of such services in Europe, for the purpose of "HIV community-based testing practices in Europe" (HIV-COBATEST) project and for the purpose of this document, CBVCT is defined as "any program or service that offers HIV counselling and testing on a voluntary basis outside the formal health system and that has been designed to target specific groups of the population most at risk and is clearly adapted for and accessible to those communities. Moreover, these services should ensure the active participation of the community with the involvement of community representatives either in planning or implementing HIV testing interventions and strategies".

The suggested core and optional CBVCT indicators will be field tested in the HIV-COBATEST CBVCT services network. Other CBVCT services in Europe are also encouraged to consider integrating these indicators into their ongoing M&E activities.

In addition, the document suggests which indicators could be considered by national HIV and acquired immunodeficiency syndrome (AIDS) prevention, treatment and care programmes for M&E CBVCT as a part of national HTC programmes M&E efforts.

These indicators are designed to help CBVCT services to assess the current state of CBVCT activities in achieving their objectives and/or targets with respect to the increasing proportion of people infected with HIV with early HIV diagnosis among key populations at higher risk of HIV exposure, such as men who have sex with men (MSM), sex workers (SW), injecting drug users (IDU), and migrants from countries with generalised epidemics. The guidelines are designed to improve the quality and consistency of the data collected at CBVCT services level for M&E purposes and thus also to enhance the accuracy of conclusions drawn from it, if collected at national and European level. The standardised M&E will allow for comparability of data within the European HIV-COBATEST network of CBVCT services, and between CBVCT services in member states.

When core CBVCT indicator data become available through HIV-COBATEST project or through M&E of HTC programmes on national level, European Centre for Disease Prevention and Control (ECDC) might consider incorporating these indicators into monitoring the implementation of the Dublin Declaration.



## 1.2. Background

Early diagnosis of HIV infection is essential to decrease HIV related mortality and morbidity and to prevent further HIV transmission. It is a precondition for referral to treatment and HIV positive prevention. An effective HTC national programme must be able to establish standards, and ensure the quality of and coverage with these services among key populations at highest risk and with the greatest need. This will result in larger proportion of people with HIV infection being diagnosed early. The CBVCT services are recognized as a good approach to improve access to early HIV diagnosis for key populations at higher risk of HIV infection such as MSM, SW, IDU and migrants who may not actively seek HIV testing and counselling within the formal health care system or may face barriers to do so.

The European Commission has included access to HIV testing as a priority in their “Community Action in the Field of Public Health Work Plan 2009”. Several actions related to HIV testing have been conducted or are currently being conducted in Europe. The expert meeting held in Stockholm in January 2008, organised by ECDC and the International Centre for Reproductive Health (ICRH), Ghent University, produced the report: “HIV testing in Europe: from policies to effectiveness” (1). In 2010, ECDC issued the Guidance “HIV testing: increasing uptake and effectiveness in the European Union” that suggested that increasing access to HIV testing might involve establishing outreach HIV services for marginalised groups in community settings (2).

Among several other HIV related projects, the Executive Agency for Health and Consumers (EAHC) is also co-funding the project “HIV community-based testing practices in Europe” (HIV-COBATEST) (Grant Agreement N° 2009 12 11). The general objective is to promote early diagnosis of HIV infection in Europe by improving the implementation and evaluation of community-based HIV testing practices. The project complements previous and current reports and actions, focusing on CBVCT practices, by obtaining a deeper understanding of these programmes and services across countries and standardizing protocols and indicators to improve their implementation and evaluation. The first of the several core work packages of the project had the objective to assess the characteristics of the implementation of CBVCT programs in European countries by conducting a survey among national focal points in HIV and CBVCT services operating in Europe. As a result of the second core work package, a code on CBVCT specific good practice guidelines by qualitative study among users and providers will be prepared. This contributed to the proposal of a core group of indicators for M&E CBVCT. The European HIV-COBATEST network of CBVCT services will be created within which CBVCT activity will be monitored and evaluated and operational research will be conducted.

The document “Core indicators to monitor CBVCT for HIV: Guidelines for CBVCT services” developed by the HIV-COBATEST project is consistent with the current recommendations for HIV testing related indicators suggested by Joint United Nations Programme on HIV/AIDS (UNAIDS), World Health Organisation (WHO), and ECDC as well as with the “Guide for monitoring and evaluating national HIV testing and counselling (HTC) programmes: field-test version” which was published by WHO in 2011 and the document “Monitoring and evaluating Voluntary Counseling and Testing Services: A facilitators training guide” published by Family Health International (FHI), in 2004.

This document defines a standardised approach to M&E CBVCT activities. For participating individual CBVCT services such M&E results will provide information for improving their services and enable them to compare their performance to other similar services. M&E results may also be useful for advocacy for CBVCT services to be provided in addition to health care based HTC services and



providing evidence of their activities and impact when seeking funding. The standardised M&E will also allow for comparability of data within the European HIV-COBATEST network of CBVCT services, between CBVCT services in member states and also at the international level.

### 1.2.1 UNAIDS, WHO and ECDC HIV testing related indicators

Several HIV testing related M&E indicators have been developed and suggested to be used by national HIV/AIDS prevention, treatment and care programmes and for the purpose of national response monitoring and reporting to UNAIDS, WHO and ECDC.

In 2011, UNAIDS suggested the following five HIV testing related indicators to monitor global AIDS response progress (GARP) towards the targets of reducing sexual transmission of HIV by 50% by 2015, reducing transmission of HIV among people who inject drugs by 50% by 2015, and eliminating mother-to-child transmission of HIV by 2015 and substantially reducing AIDS-related maternal deaths (GARP indicators) (3):

- GARP 1.5: HIV testing in the general population  
(Percentage of women and men aged 15-49 who received an HIV test in the past 12 months and know their result)
- GARP 1.9: Sex workers: HIV testing  
(Percentage of SW who have received an HIV test in the past 12 months and know their result);
- GARP 1.13: Men who have sex with men: HIV testing  
(Percentage of MSM that have received an HIV test in the past 12 months and know their result);
- GARP 2.4: People who inject drugs: HIV testing  
(Percentage of people who inject drugs that have received an HIV test in the past 12 months and know their result)
- GARP 3.2: Early infant diagnosis  
(Percentage of infants born to HIV-positive women receiving a virological test for HIV within 2 months of birth)

The information about the first four of these five GARP indicators has been already collected in previous reporting rounds for monitoring the Declaration of Commitment on HIV/AIDS adopted at the United Nations General Assembly Special Session (UNGASS) on AIDS in June 2001. These indicators were previously called UNGASS indicators (4).

In 2011, WHO, UNAIDS and United Nations Children's Fund (UNICEF) published the "Global HIV/AIDS Response: Epidemic update and health sector progress towards Universal Access: Progress report 2011" presenting the data on scaling up access to health sector interventions for HIV prevention, treatment, care and support that included available HIV testing data (5). In 2012, WHO collected data on the following "Universal Access" (UA) HIV testing related indicators in addition to the above mentioned GARP and also UA indicators GARP/UA 1.9, GARP/UA 1.13, and GARP/UA 3.2:

- UA 1.15: Health facilities that provide HIV testing and counselling services  
(Percentage of health facilities that provide HTC services (all facilities and also by facilities' status: public, private or unknown))
- UA 3.4: Pregnant women who know their HIV status  
(Percentage of pregnant women who were tested for HIV and received their results - during pregnancy, during labour and delivery, and during the post-partum period (<72 hours), including those with previously known HIV status)





- **UA 4.5: Late HIV diagnosis**  
(Percentage of people with HIV infection who already need antiretroviral treatment at the time of diagnosis)

In 2010, ECDC published the “Implementing the Dublin Declaration on Partnership to Fight HIV/AIDS in Europe and Central Asia: 2010 Progress Report” (6) that included available information on HIV testing among IDU, MSM and SW. Several “monitoring Dublin Declaration” (MDD) indicators or Dublin Declaration (DD) indicators related to HIV testing were proposed. HIV testing related data collected by ECDC in 2012 included the following DD HIV testing related indicator in addition to the above mentioned GARP or UA or DD indicators GARP/UA/DD 1.9, GARP/UA/DD 1.13, GARP/UA/DD 2.4, and UA/DD 4.5:

- **DD 1.19: Migrants: HIV testing**  
(Percentage of migrants from countries with generalized HIV epidemics who received an HIV test in the last 12 months and who know their results)

None of these indicators have been developed to monitor HTC activities specifically for CBVCT services and to evaluate their contribution on early diagnosis of HIV infection on national level.

### 1.2.2. Monitoring and evaluating national HIV testing and counselling programmes

In 2011, WHO published the “Guide for monitoring and evaluating national HIV testing and counselling (HTC) programmes: field-test version» (7). The purpose was to describe a set of indicators that can be used by national HIV/AIDS prevention, treatment and care programmes to monitor and evaluate HTC services.

The document defined the following HIV testing relevant terminology:

- The term HIV testing and counselling (HTC) is used to refer to all services involving HIV testing provided with counselling. Different countries may use different terms, for example:
- *Client-initiated HIV testing and counselling (CITC)* – HTC services where people actively seek HTC. This may be a stand-alone service or part of a clinical service, in the workplace or a youth centre. Some countries use the term voluntary counselling and testing (VCT), or voluntary confidential counselling and testing (VCCT) to describe CITC services.
- *Provider-initiated HIV testing and counselling (PITC)* – HTC is recommended routinely by health-care providers to people attending health facilities as a standard part of medical care. This may be a part of general medical services or special services, for example, for people attending tuberculosis (TB) or sexually transmitted infection (STI) clinics, antenatal services (including prevention of mother-to-child transmission [PMTCT]), family planning, or services for IDU.

The document also stated that HTC can also be conducted as part of a *campaign*, or through *outreach services* or through *home-based testing*. The term CBVCT services was not specifically mentioned, however is covered by the term special services.



#### CBVCT Core Indicators

In brief, the following indicators were suggested to be considered for use by national HTC programmes to M&E HTC services:

- Existence of national HTC policies and guidelines that are consistent with international standards
- Proportion of HTC sites which meet national service quality standards
- Number of health facilities that provide HTC services
- Proportion of facilities providing antenatal care (ANC) services which also provide HTC for pregnant women
- Proportion of facilities providing antenatal care (ANC) services with both HIV testing and antiretroviral (ARV) drugs for PMTCT on site
- Number of women and men aged 15+ years who received an HIV test in the past 12 months and who know the results
- Proportion of most at risk populations (MARPs) that have received an HIV test in the past 12 months and know the result
- Ratio of number of new patients receiving care/pre-antiretroviral therapy (ART) or ART services by number of new people who test positive for HIV
- Proportion of pregnant women who know their HIV status
- Proportion of TB patients who had an HIV test result recorded in the TB register
- Proportion of people tested through PITC
- Proportion of individuals aged 15+ years who received their result and who report ever having been previously tested for HIV
- Proportion of individuals aged 15+ years who received couples/partner HTC and learned their result of HIV test together with their partner in the past 12 months
- Proportion of pregnant women attending ANC whose male partner was tested for HIV
- Proportion of infants born to HIV-infected women who receive an HIV test within the first 12 months of life
- Proportion of health facilities that provide virological testing services
- Proportion of infants born to HIV- infected women, who receive a virological test for HIV within 2 months of birth

The following indicators were suggested to be considered for population-based surveys:

- Proportion of women and men aged 15-49 years who received an HIV test in the past 12 months and who know the result
- Proportion of women and men aged 15-24 years who received an HIV test in the past 12 months and who know the result
- Proportion of people aged 15-49 years who know their HIV status
- Proportion of MARPs who have received an HIV test in the past 12 months and know the result

None of these indicators have been developed to monitor HTC activities specifically for CBVCT services and to evaluate their impact on early diagnosis of HIV infection on the national level. However, some, if adapted for CBVCTs, would be appropriate to be used by CBVCT services and several also by national HTC programmes, if M&E of CBVCT services on early diagnosis of HIV infection had been introduced on national level.



### 1.2.3. Monitoring and evaluating voluntary counselling and testing services

In 2004, FHI together with Implementing AIDS Prevention and Care Project (IMPACT) and United States Agency for International Development (USAID) published a facilitators' training guide "Monitoring and evaluating Voluntary Counseling and Testing Services" as a part of "Monitoring HIV/AIDS Programs: a Facilitator's Training Guide (USAID resource for prevention and treatment)" (8). The purpose was to provide a facilitators guide for workshops to build participants' skills in monitoring VCT programmes and in planning programme evaluations with emphasis on VCT program objectives.

The document defined VTC as the process of providing counselling to an individual to enable him or her to make an informed choice about being tested for HIV and listed several VCT services models that had been used: free-standing, hospital services, non-governmental organisation (NGO) within hospital, integrated into general medical outpatient services in public hospitals, within specialist medical care (e.g. STI clinic), health center, private sector, workplace clinic, referral sites for legal requirements (e.g. pre-employment), youth health services and school health services, health services for vulnerable groups (e.g. MSM), attached to research projects/pilot projects, and blood transfusion services.

The term CBVCT services was not specifically mentioned, however is covered by the term "health services for vulnerable groups" with the following groups given in parenthesis: female SW, prison populations, refugees, IDU, MSM, children and orphans and street kids.

In brief, the following illustrative list of minimum process indicators for VCT programmes was suggested to be considered for use by VCT services to monitor and evaluate their activities:

- Number of trainings
- Number of counsellors trained
- Number of laboratory technicians trained in HIV testing (if rapid testing to be specified)
- Number of females provided HIV pre-test counselling
- Number of females accepting HIV test
- Number of females receiving HIV test result and post-test counselling
- Number of females testing positive for HIV
- Number of females testing positive for HIV referred for other care and support services
- Number of males provided HIV pre-test counselling
- Number of males accepting HIV test
- Number of males receiving HIV test result and post-test counselling
- Number of males testing positive for HIV
- Number of males testing positive for HIV referred for other care and support services
- Total number of clients who receive pre-test counselling at VCT centers
- Total number of clients tested for HIV at VCT services
- Proportion of all clients seen in site accepting HIV test
- Total number of clients receiving post-test counselling and results at VCT centers
- Proportion of all clients testing for HIV who receive results
- Total number of clients testing positive for HIV
- Proportion of clients testing positive for HIV
- Total number of clients referred for other care services
- Proportion of clients referred to other care services



#### CBVCT Core Indicators

- Number of support groups
- Number of people participating in support groups
- Number of new VCT sites established
- Total number of VCT sites with USAID assistance

Although these indicators have not been developed to M&E HIV testing and counselling activities specifically for CBVCT services, most would be appropriate to be used by CBVCT services and some also by national HTC programmes, if M&E the effect of CBVCT services on early diagnosis of HIV infection had been introduced on national level.







## 2. CBVCTS goal, objectives and targets

Selection of appropriate indicators for M&E CBVCT services activities depends on HIV related counselling and testing programme goals, objectives, and targets defined in the national HIV/AIDS prevention, treatment and care programme, as well as on national and international reporting requirements.

In general, national HTC programmes and services contribute to the goal of decreasing the proportion of late HIV diagnoses, since early HIV diagnosis is a precondition for early referral to treatment and HIV positive prevention.

Three overall objectives for HTC programmes in general could be stated as:

- to increase the number (proportion) of HIV infected individuals who are aware of their HIV status
- to reduce the proportion of late HIV diagnoses
- to reduce the proportion of people diagnosed with HIV not enrolled into treatment and care

These objectives should be reached with high quality HTC programme that ensures adherence to international or national HTC quality standards and has a good coverage.

CBVCT services in particular, complement other types of HTC programme services as they improve access to early HIV diagnosis for key populations at increased risk such as MSM, SW, IDU and migrants from countries with generalised epidemics to HTC, who may not actively seek HTC within the formal health care system or may face barriers to do so. This should be achieved at an acceptable cost of CBVCT services.

General CBVCT objectives could be stated as:

- to facilitate access to HIV counselling and testing for key populations at increased risk
- to increase the number (proportion) of HIV infected individuals among key populations at increased risk who are aware of their HIV status
- to reduce the proportion of late HIV diagnoses among key populations at increased risk
- to reduce the proportion of people among key populations at increased risk diagnosed with HIV not enrolled into treatment and care

These objectives should be reached with high quality CBVCT services and ensuring that they adhere to international or national HTC or CBVCT quality standards and have a good coverage of targeted key populations at increased risk. The high quality standards include:

- provision of pre-test (pre-result) counselling or pre-test discussion to all individuals seeking counselling and/or testing at CBVCT services
- ensuring that a high proportion of individuals tested at CBVCT facilities receive testing results
- provision of post-test (post-result) counselling to a high proportion of individuals with HIV positive test result at CBVCT facilities
- provision of post-test (post-result) counselling to a high proportion of individuals with HIV negative test result at CBVCT facilities

Specific CBVCT targets may be defined according to the national HTC programme objectives and targets and/or CBVCT objectives stated above taking into account the baseline assessment results.



#### CBVCT Core Indicators

For example, with the aim of improving the CBVCT services through time and with respect to the objective provision of post-test (post-result) counselling to a high proportion of individuals with HIV positive test result at CBVCT facilities a target 90% of individuals with HIV positive test result at CBVCT facilities are provided with post-test (post-result) counselling at CBVCT facilities could be aimed for.

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 participating individual CBVCT services M&E results will provide information for improving their services and enable them to compare their performance to other similar services. The list of core indicators for M&E CBVCT services activities should be short and relevant for core goal, objectives and targets of CBVCT. Aims and objectives of special studies or research projects that may be conducted within CBVCT services generally require much more extensive data collection than routine M&E activities and often more sophisticated data collection methods, should not be confused with the core goal and objectives of routine CBVCT activities.

Appropriate balance between M&E data needs and data collection workload at the level of the CBVCT services as well as M&E resources at the level of the national HIV/AIDS prevention, treatment and care programme should be carefully considered. Also, feasibility of introducing, conducting and also sustaining M&E efforts in time should be carefully considered.

Additional objectives that are not related to the general CBVCT objectives stated above may also be identified by individual CBVCT sites and relevant targets identified according to their baseline assessment or results. Thus, individual CBVCT sites might consider identifying additional M&E indicators relevant for their specific CBVCT service objectives and targets, as well as funding agencies or donors' requirements.



### 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 other 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

<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 Core Indicators

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 content, 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.

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### 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:

<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.



## CBVCT Core Indicators

### 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 specified 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 service.

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:

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#### CBVCT Core Indicators

- 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 [%])

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**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 with reactive screening HIV test result (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, IUD, migrants). For example,

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

Proportion of clients who are 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 Core Indicators

##### 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 [%])

<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 /  $\text{mm}^3$ ) 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 for 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 national M&E of CBVCT within the national HTC programme.





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CBVCT Core Indicators

## Appendix 1

### CBVCT indicators data collection form for HIV-COBATEST network

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### 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 for 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 Core Indicators

**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  |     |       |         |               |               |

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**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 Core Indicators

**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                              |     |       |         |               |               |

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CBVCT Core Indicators

**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   |     |       |         |               |               |

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CBVCT Core Indicators

**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 with reactive screening HIV test result                                    |     |       | 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 with reactive screening HIV test result                                    |     |       |         |               |               |
| <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 with reactive screening HIV test result                                    |     |       |         |               |               |
| <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 with reactive screening HIV test result                                    |     |       |         |               |               |
| <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 with reactive screening HIV test result                                    |     |       |         |               |               |




**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 Core Indicators

**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 Core Indicators

**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  |     |       |         |               |               |

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CBVCT Core Indicators

**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  |     |       |         |               |               |

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**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  |     |       |         |               |               |

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**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 who tested HIV positive 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 who tested HIV positive at CBVCT site \_\_\_\_\_

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



COMMENTS

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CBVCT Core Indicators

## Appendix 2

### Soundex coding guide

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#### CBVCT Core Indicators

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>

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## **APPENDIX 2:**

### **Manual for data entry**

### **For HIV COBATEST network**

This appendix was prepared for CBVCT services, members of the COBATEST network, that will use the already existing data collection form and the web based tool for data entry developed by the HIV COBATEST project. This approach for submitting the data, will allow the CBVCT services to download their own CBVCT service data and request automatic computing of M&E indicators for a specified period for their own CBVCT service.

To be able to accede to the data entry tool, a personal user and a code has to be requested to ICO-CEEISCAT (Laura Fernández: [lflopez@iconcologia.net](mailto:lflopez@iconcologia.net) ). The participating CBVCT services will have to log into the web-page with their account. Unique personal identifiers for entering data about individual participants will be used.

This manual shows step by step how to proceed to enter data with the data entry tool, how to extract the data entered and how to request automatic computing of M&E indicators for a specified period for their own CBVCT service.

Some CBVCT services, members of the COBATEST network, may opt to collect the data necessary to estimate all CBVCT M&E indicators (level 1, 2 and 3), some only the level 1 CBVCT M&E indicators and some may opt to collect the data for estimating the level 1 and/or also selected level 2 and/or also level 3 CBVCT M&E indicators. Overview of data items needed to estimate different CBVCT M&E indicators is given in Table 1 in the chapter 3.1 Data collection for monitoring and evaluation CBVCT in the Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network.

Data necessary for estimating CBVCT 18 and CBVCT 19 together with the unique identifier used at the CBVCT service should try to be obtained from the local health care services to which HIV infected were referred or from the national HIV surveillance system.

CBVCT M&E data for the half year periods defined below should be entered to by the following deadlines:

| <u>Data for clients seen during*</u>                  | <u>should be entered by</u>     |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

\* Dates of visit requesting the HIV test or will be considered when defining the clients seen during the below specified half year periods



The following contextual information about the CBVCT service should be provided with each data submission:

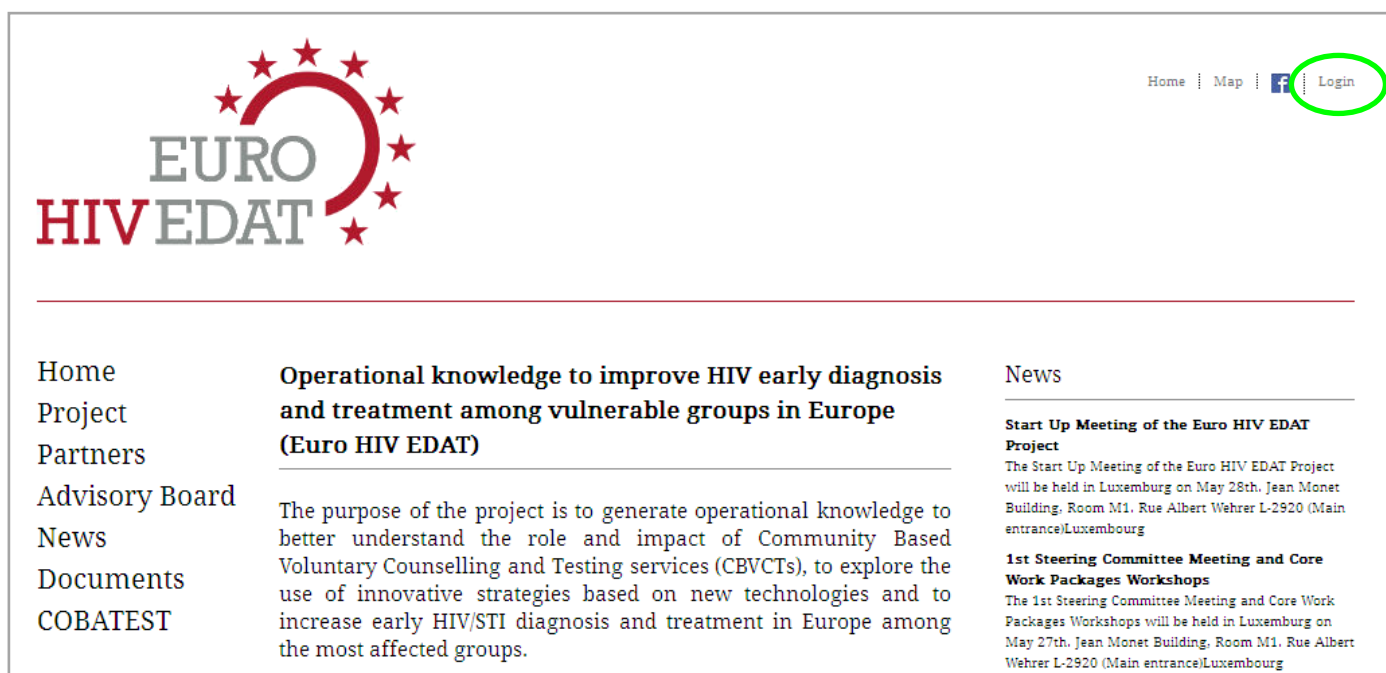
- type of specimens collected from clients at the CBVCT service;
  - HIV test used at the CBVCT service as well as other tests used (e.g. for diagnosing selected other STI such as syphilis, gonorrhoea, chlamydial infection and hepatitis B and hepatitis C);
  - algorithm used for HIV confirmatory testing;
  - whether confirmatory testing is performed by the CBVCT service or another organisation;
  - whether confirmatory testing results is available to the CBVCT service, if confirmatory testing is performed in another organisation;
  - the total operational cost of CBVCT facility during the respective half year;
  - the source of linkage to care data, if available;
  - the source of CD4 counts data, if available and
- any other contextual information assumed to be useful.

Each half year all the contextual information has to be send to ICO-CEEISCAT (Laura Fernàndez: [lflopez@iconcologia.net](mailto:lflopez@iconcologia.net) ) and to the NIPH ([tanja.kustec@nijz.si](mailto:tanja.kustec@nijz.si) with cc to [irena.klavs@nijz.si](mailto:irena.klavs@nijz.si)).

# Manual for data entry

## HIV-COBATEST network

1. To accede to the web-based tool for data entry, we have to enter on the EURO-HIV-EDAT website (<https://eurohivedat.eu/>), and introduce our user and password to accede to the private part of the website.



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# EURO HIV EDAT

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## Operational knowledge to improve HIV early diagnosis and treatment among vulnerable groups in Europe (Euro HIV EDAT)

The purpose of the project is to generate operational knowledge to better understand the role and impact of Community Based Voluntary Counselling and Testing services (CBVCTs), to explore the use of innovative strategies based on new technologies and to increase early HIV/STI diagnosis and treatment in Europe among the most affected groups.

## News

**Start Up Meeting of the Euro HIV EDAT Project**  
The Start Up Meeting of the Euro HIV EDAT Project will be held in Luxembourg on May 28th, Jean Monet Building, Room M1. Rue Albert Wehrer L-2920 (Main entrance)Luxembourg

**1st Steering Committee Meeting and Core Work Packages Workshops**  
The 1st Steering Committee Meeting and Core Work Packages Workshops will be held in Luxembourg on May 27th, Jean Monet Building, Room M1. Rue Albert Wehrer L-2920 (Main entrance)Luxembourg



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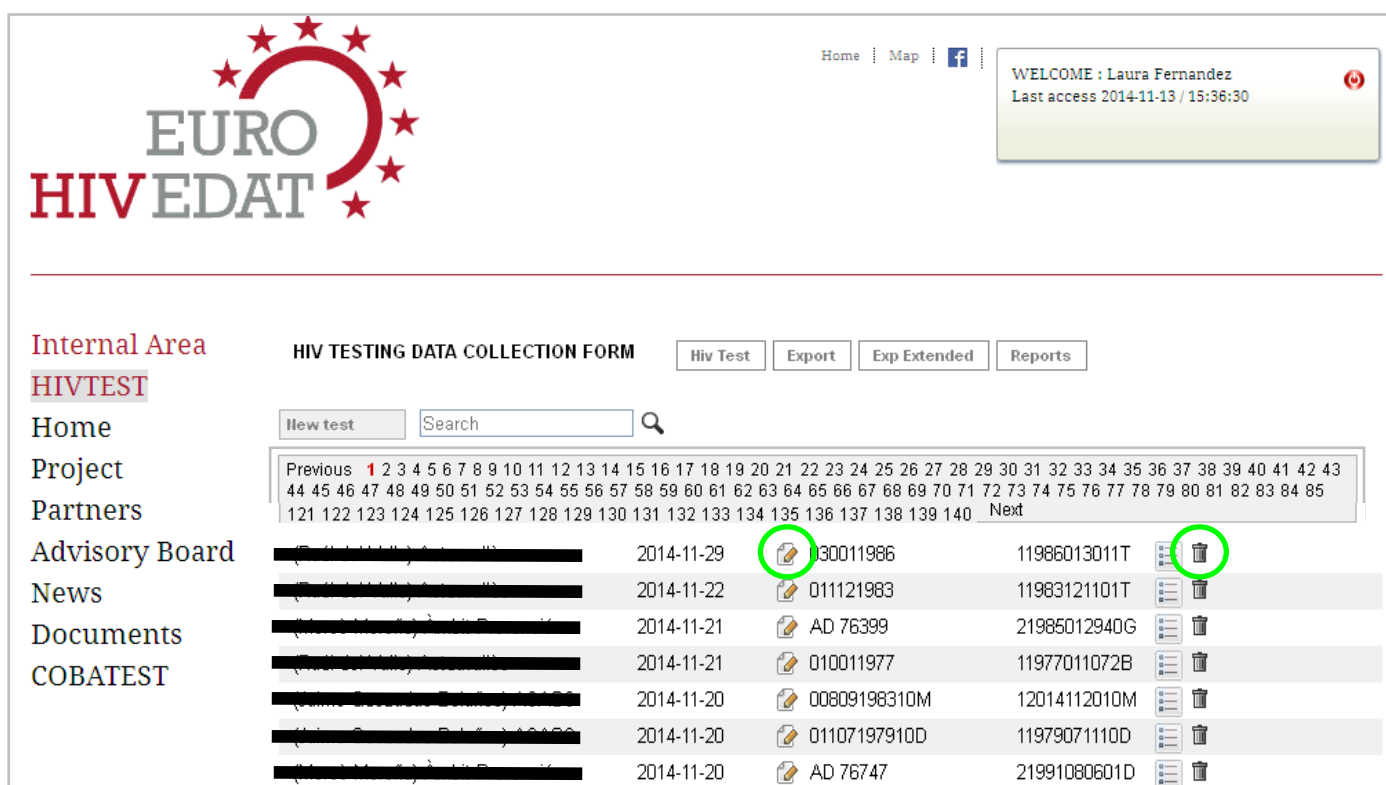
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2. In the private part of the web, we have to click on the “HIV test” section.



The screenshot shows the EURO HIV EDAT website. The header includes the logo, navigation links (Home, Map, Facebook), and a welcome message for Laura Fernandez. The main content area is divided into three columns. The left column contains a menu with 'Internal Area' and 'HIVTEST' (highlighted with a green circle). The middle column is titled 'Operational knowledge to improve HIV early diagnosis and treatment among vulnerable groups in Europe (Euro HIV EDAT)' and describes the project's purpose. The right column is titled 'News' and contains two news items about meetings in Luxembourg.


3. Once we have accede to “HIV Test” section, the list of data entered will appear. Clicking on the button  we will accede to the questionnaire introduced. And clicking on the button  we eliminate the questionnaire introduced



The screenshot shows the 'HIV TESTING DATA COLLECTION FORM' page. It includes a header with the logo, navigation links, and a welcome message. The main content area has a sidebar with 'Internal Area' and 'HIVTEST' (highlighted with a green circle). The main panel displays a table of test data with columns for ID, Date, and Test Result. The table is paginated, showing 140 records. The first row is highlighted, and the 'Hiv Test' button is circled in green. The 'Export' button is also circled in green. The table data is as follows:

| ID           | Date       | Test Result  |
|--------------|------------|--------------|
| 030011986    | 2014-11-29 | 11986013011T |
| 011121983    | 2014-11-22 | 11983121101T |
| AD 76399     | 2014-11-21 | 21985012940G |
| 010011977    | 2014-11-21 | 11977011072B |
| 00809198310M | 2014-11-20 | 12014112010M |
| 01107197910D | 2014-11-20 | 11979071110D |
| AD 76747     | 2014-11-20 | 21991080601D |

- There is a searcher engine to look for the questionnaires introduced, using the client user code



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**WELCOME : Laura Fernandez**  
 Last access 2014-11-13 / 15:36:30

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43


44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140

Next

|                            |            |              |              |                     |                     |
|----------------------------|------------|--------------|--------------|---------------------|---------------------|
| (b) (4) (EU), (b) (6) (EU) | 2014-11-29 | 030011986    | 11986013011T | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-22 | 011121983    | 11983121101T | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-21 | AD 76399     | 21985012940G | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-21 | 010011977    | 11977011072B | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-20 | 00809198310M | 12014112010M | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-20 | 01107197910D | 11979071110D | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-20 | AD 76747     | 21991080601D | <a href="#">...</a> | <a href="#">...</a> |

- To add new data we have to click on “New test”.



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**WELCOME : Laura Fernandez**  
 Last access 2014-11-13 / 15:36:30

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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43

44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85

121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140

Next

|                            |            |              |              |                     |                     |
|----------------------------|------------|--------------|--------------|---------------------|---------------------|
| (b) (4) (EU), (b) (6) (EU) | 2014-11-29 | 030011986    | 11986013011T | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-22 | 011121983    | 11983121101T | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-21 | AD 76399     | 21985012940G | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-21 | 010011977    | 11977011072B | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-20 | 00809198310M | 12014112010M | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-20 | 01107197910D | 11979071110D | <a href="#">...</a> | <a href="#">...</a> |
| (b) (4) (EU), (b) (6) (EU) | 2014-11-20 | AD 76747     | 21991080601D | <a href="#">...</a> | <a href="#">...</a> |

Commission

6. The form is divided in 5 pages. The core questions are highlighted with a red rectangle.

Pag 1.
Pag 2
Pag 3
Pag 4
Pag 5
Save [11]

**HIV TESTING DATA COLLECTION FORM:**

Name of the CBVCT site::

City of CBVCT:

Testing site:

Date visit:

**Client's unique identifier (used by the CBVCT service)**

Identifier :

**or Client's unique identifier (COBATEST)**

# Older brothers:  # Older sisters:  initial letter of mother's first name:

**Client characteristics data:**

Gender: ☒ Male ☐ Female ☐ Transgender

Date of birth

Foreign national ☐ Yes ☐ No ☐ Don't know

Municipality or home town

7. Some questions are hidden. For example, in the reasons for HIV testing:

Pag 1.
Pag 2
Pag 3
Pag 4
Pag 5
Save [10]

**Reasons for HIV testing ( multiresponse ):**

☐ Risk exposition
☐ For control / screening

☐ Window period in the last test
☐ Clinical symptoms

☐ Other

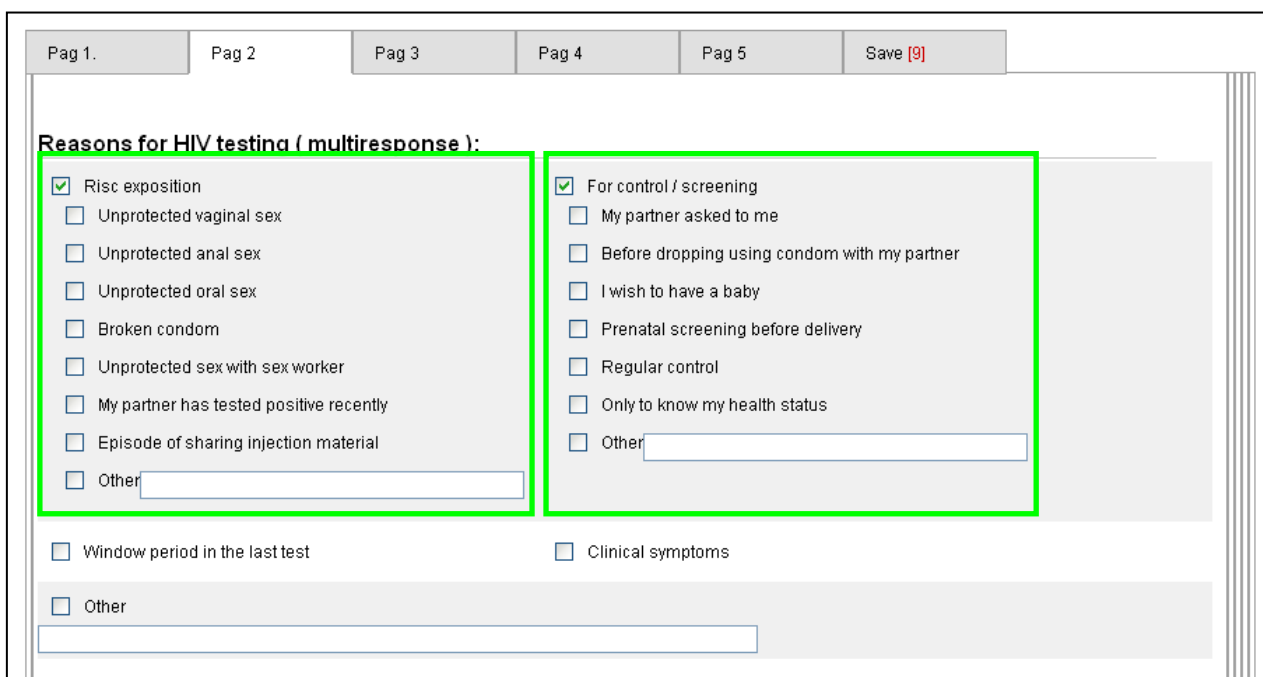
**Reasons for come to this CBVCT service to be tested:**

☐ I've come here before
☐ I've seen this CBVCT in a pamphlet

☐ A friend told me about this CBVCT
☐ I've found this CBVCT in internet

☐ Other

8. If we click on “risk exposition” and/or “For control/screening”, then the hidden related questions appear.



Pag 1. Pag 2 Pag 3 Pag 4 Pag 5 Save [9]

**Reasons for HIV testing ( multiresponse ):**

☒ Risc exposition

☐ Unprotected vaginal sex

☐ Unprotected anal sex

☐ Unprotected oral sex

☐ Broken condom

☐ Unprotected sex with sex worker

☐ My partner has tested positive recently

☐ Episode of sharing injection material

☐ Other

☒ For control / screening

☐ My partner asked to me

☐ Before dropping using condom with my partner

☐ I wish to have a baby

☐ Prenatal screening before delivery

☐ Regular control

☐ Only to know my health status

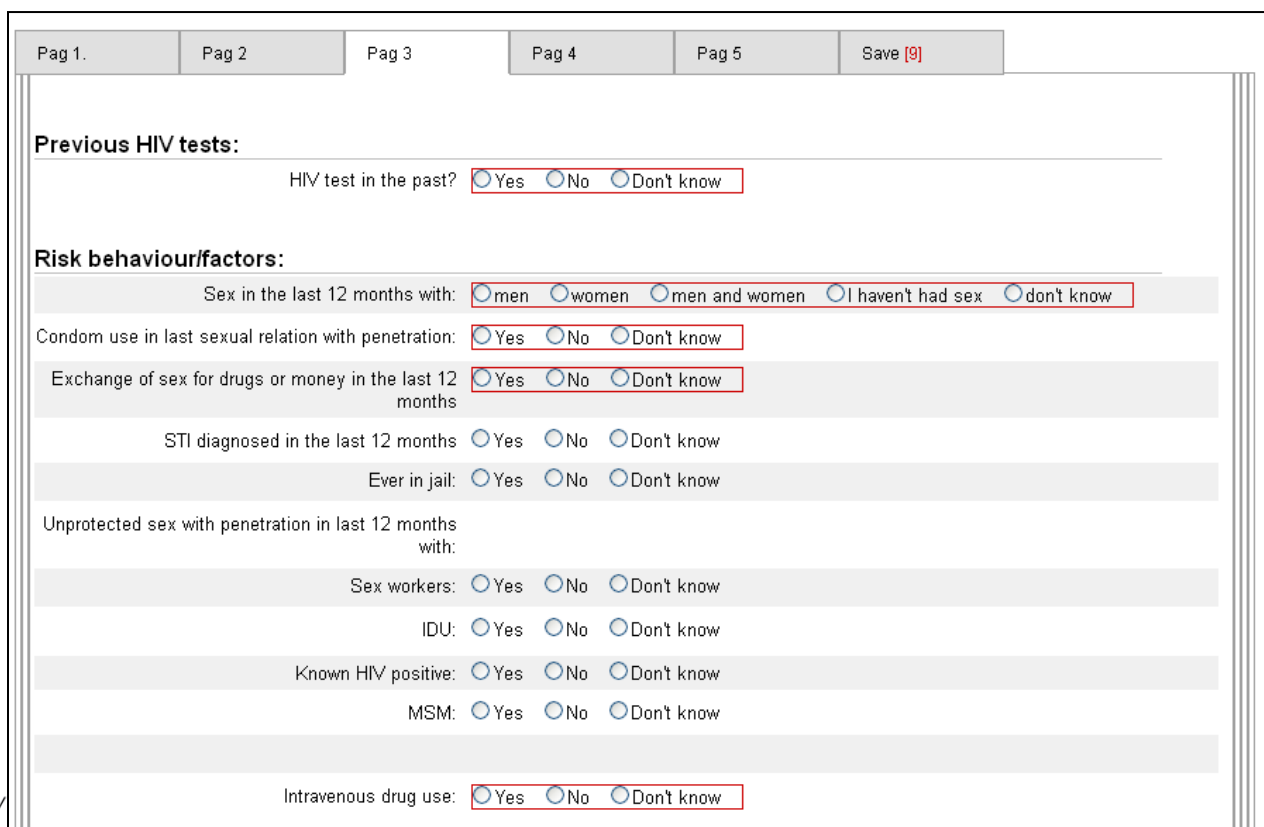
☐ Other

☐ Window period in the last test

☐ Clinical symptoms

☐ Other

9. Here we can see the questions about previous HIV tests and risk behaviours. Again, if we click “yes” at the question “HIV tests in the past”:



Pag 1. Pag 2 Pag 3 Pag 4 Pag 5 Save [9]

**Previous HIV tests:**

HIV test in the past? ☒ Yes ☐ No ☐ Don't know

**Risk behaviour/factors:**

Sex in the last 12 months with: ☒ men ☐ women ☐ men and women ☐ I haven't had sex ☐ don't know

Condom use in last sexual relation with penetration: ☒ Yes ☐ No ☐ Don't know

Exchange of sex for drugs or money in the last 12 months: ☒ Yes ☐ No ☐ Don't know

STI diagnosed in the last 12 months ☐ Yes ☐ No ☐ Don't know

Ever in jail: ☐ Yes ☐ No ☐ Don't know

Unprotected sex with penetration in last 12 months with:

Sex workers: ☐ Yes ☐ No ☐ Don't know

IDU: ☐ Yes ☐ No ☐ Don't know

Known HIV positive: ☐ Yes ☐ No ☐ Don't know

MSM: ☐ Yes ☐ No ☐ Don't know

Intravenous drug use: ☒ Yes ☐ No ☐ Don't know



**10. The hidden related questions appear:**

|        |       |       |       |       |          |
|--------|-------|-------|-------|-------|----------|
| Pag 1. | Pag 2 | Pag 3 | Pag 4 | Pag 5 | Save [7] |
|--------|-------|-------|-------|-------|----------|

**Previous HIV tests:**

HIV test in the past? ☒ Yes ☐ No ☐ Don't know

Date of last test:

Result of last test ☐ Positive ☐ Negative ☐ Don't know

HIV test in the last 12 months in this CBVCT facility? ☐ Yes ☐ No ☐ Don't know

**Risk behaviour/factors:**

Sex in the last 12 months with: ☐ men ☐ women ☐ men and women ☐ I haven't had sex ☐ don't know

Condom use in last sexual relation with penetration: ☐ Yes ☐ No ☐ Don't know

Exchange of sex for drugs or money in the last 12 months ☐ Yes ☐ No ☐ Don't know

STI diagnosed in the last 12 months ☐ Yes ☐ No ☐ Don't know

Ever in jail: ☐ Yes ☐ No ☐ Don't know

Unprotected sex with penetration in last 12 months with:

Sex workers: ☐ Yes ☐ No ☐ Don't know

IDU: ☐ Yes ☐ No ☐ Don't know

Known HIV positive: ☐ Yes ☐ No ☐ Don't know

**11. In the page 4 are the questions related to the counselling and the screening HIV test.**

|        |       |       |       |       |          |
|--------|-------|-------|-------|-------|----------|
| Pag 1. | Pag 2 | Pag 3 | Pag 4 | Pag 5 | Save [7] |
|--------|-------|-------|-------|-------|----------|

**Pre test counselling:**

Pre test pre result counselling performed? ☐ Yes ☐ No ☐ Don't know

**Screening HIV test:**

Date of specimen collection:

Type of test used: ☐ Blood rapid test ☐ Oral rapid test ☐ Conventional blood test (Elisa)

Screening test result: ☐ Reactive ☐ Non reactive ☐ Undone

The client received screening HIV test result? ☐ Yes ☐ No ☐ Don't know

**Post test counselling:**

Post test HIV counselling performed? ☐ Yes ☐ No ☐ Don't know

12. If the screening test result is reactive, then appears all the section of confirmatory HIV test.

|        |       |       |       |       |          |
|--------|-------|-------|-------|-------|----------|
| Pag 1. | Pag 2 | Pag 3 | Pag 4 | Pag 5 | Save [6] |
|--------|-------|-------|-------|-------|----------|

**Pre test counselling:**

Pre test pre result counselling performed? ☒ Yes ☐ No ☐ Don't know

**Screening HIV test:**

Date of specimen collection: ▼ ▼

Type of test used: ☒ Blood rapid test ☐ Oral rapid test ☐ Conventional blood test (Elisa)

Screening test result: ☒ Reactive ☐ Non reactive ☐ Undone

The client received screening HIV test result? ☒ Yes ☐ No ☐ Don't know

Date of receiving screening test result: ▼ ▼

**Post test counselling:**

Post test HIV counselling performed? ☒ Yes ☐ No ☐ Don't know

**Confirmatory HIV test:**

Confirmatory test performed? ☒ Yes ☐ No ☐ Don't know

Date of specimen collection: ▼ ▼

Confirmatory HIV test result: ☐ Positive ☐ Negative ☐ inconclusive

Did the client receive the confirmatory HIV test result?? ☐ Yes ☐ No ☐ Don't know

**Access to health system for those HIV positive:**

Patient linked to healthcare system? ☒ Yes ☐ No ☐ Don't know

Date of linkage: ▼ ▼

First CD4 count result:

**13.** The last page is for the Module B, and the comments.

|        |       |       |       |       |           |
|--------|-------|-------|-------|-------|-----------|
| Pag 1. | Pag 2 | Pag 3 | Pag 4 | Pag 5 | Save [11] |
|--------|-------|-------|-------|-------|-----------|

**MODULE B:**

---

**Syphilis test:**

Previous syphilis diagnosis? ☐ Yes ☐ No ☐ Don't know

Syphilis test performed? ☐ Yes ☐ No ☐ Don't know

**HCV test:**

Previous HCV diagnosis? ☐ Yes ☐ No ☐ Don't know

HCV test performed? ☐ Yes ☐ No ☐ Don't know

**Hepatitis A and B vaccination:**

Vaccination for Hepatitis A (with all required dosis)? ☐ Yes ☐ No ☐ Don't know

Vaccination for Hepatitis B (with all required dosis)? ☐ Yes ☐ No ☐ Don't know

**Comments:**

Comments

14. In the save page, to save the data we have to click on the “update” button. On red will appears the number of core questions we haven’t respond.

Pag 1. Pag 2 Pag 3 Pag 4 Pag 5 Save [13]

**Include report:**

Include report : ☒ Si ☐ No

**Update:**


**FORM INCOMPLETE 13 Items pending**

15. And once we have saved the data, it will appear on the top of the list.

New test Search Previous 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 Next

|                                |            |         |             |      |
|--------------------------------|------------|---------|-------------|------|
| (Laura Fernandez) ICO-CEEISCAT | 2013-09-20 |         | 0000000000  | [13] |
| [REDACTED]                     | 2013-09-19 | M110585 | 11985051100 |      |
| [REDACTED]                     | 2013-09-19 | 163     | 21966112800 |      |
| [REDACTED]                     | 2013-09-18 | 162     | 11959080400 |      |
| [REDACTED]                     | 2013-09-17 | L130182 | 11982011300 |      |
| [REDACTED]                     | 2013-09-12 | M290396 | 11996032900 |      |
| [REDACTED]                     | 2013-09-12 | R251192 | 21992112500 |      |
| [REDACTED]                     | 2013-09-12 | 161     | 21974020100 |      |
| [REDACTED]                     | 2013-09-12 | 160     | 31983051600 |      |
| [REDACTED]                     | 2013-09-05 | H060670 | 11970060600 |      |
| [REDACTED]                     | 2013-09-05 | M130581 | 11981051300 |      |

16. We can export the data entered to an Excel File, clicking on the “Export” or “Exp Extended” buttons. With the “Exp Extended” button, the data will appear with all the complete titles and codifications.



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HIV TESTING DATA COLLECTION FORM

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| (Name Redacted) | 2014-11-29 | 030011986    | 11986013011T |  |  |
| (Name Redacted) | 2014-11-22 | 011121983    | 11983121101T |  |  |
| (Name Redacted) | 2014-11-21 | AD 76399     | 21985012940G |  |  |
| (Name Redacted) | 2014-11-21 | 010011977    | 11977011072B |  |  |
| (Name Redacted) | 2014-11-20 | 00809198310M | 12014112010M |  |  |
| (Name Redacted) | 2014-11-20 | 01107197910D | 11979071110D |  |  |
| (Name Redacted) | 2014-11-20 | AD 76747     | 21991080601D |  |  |



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Next

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|-----------------|------------|--------------|--------------|--|--|
| (Name Redacted) | 2014-11-29 | 030011986    | 11986013011T |  |  |
| (Name Redacted) | 2014-11-22 | 011121983    | 11983121101T |  |  |
| (Name Redacted) | 2014-11-21 | AD 76399     | 21985012940G |  |  |
| (Name Redacted) | 2014-11-21 | 010011977    | 11977011072B |  |  |
| (Name Redacted) | 2014-11-20 | 00809198310M | 12014112010M |  |  |
| (Name Redacted) | 2014-11-20 | 01107197910D | 11979071110D |  |  |
| (Name Redacted) | 2014-11-20 | AD 76747     | 21991080601D |  |  |

**18.** We can indicate the reporting period, and we will obtain the report of indicators according the indicators generated in WP6 of the HIV-COBATEST Project.

Here we can see 2 pages of the report generated as an example:

**CBVCT PROGRAMME M&E REPORT FROM**  
  
**HIV-COBATEST CBVCT services network**  
  
 CBVCT service name : **ICO-CEEISCAT**  
 CBVCT service address :  
 Responsible individual  
     Name :  
     Email adress :  
     Telephone number :  
 Reporting period : from **03-01-2013** to **31-08-2013**  
 Contextual information about CBVCT service :  
  
 Type of HIV tests used ::

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

| Number of clients tested for HIV width a screening test | All | Males | Females | <25 | 25+ |
|---|-----|-------|---------|-----|-----|
| MSM   | 593 | 593   | 0       | 140 | 432 |
| SW  | 38  | 10    | 28      | 4   | 29  |
| IDU   | 76  | 53    | 23      | 12  | 55  |
| MIGRANT   | 767 | 671   | 96      | 160 | 503 |
| All   | 981 | 841   | 140     | 193 | 641 |

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

|  | All   | Males | Females | <25   | 25+   |
|--|-------|-------|---------|-------|-------|
| <b>MSM</b>   |       |       |         |       |       |
| Proportion(%) of clients who reported to have been previously tested for HIV     | 82.8  | 82.8  | 0       | 66.43 | 88.66 |
| Numerator: number of clients who reported to have been previously tested for HIV | 491   | 491   | 0       | 93    | 383   |
| Denominator: number of clients tested for HIV                                    | 593   | 593   | 0       | 140   | 432   |
| <b>SW</b>  |       |       |         |       |       |
| Proportion(%) of clients who reported to have been previously tested for HIV     | 73.68 | 70    | 75      | 100   | 75.86 |
| Numerator: number of clients who reported to have been previously tested for HIV | 28    | 7     | 21      | 4     | 22    |
| Denominator: number of clients tested for HIV                                    | 38    | 10    | 28      | 4     | 29    |
| <b>IDU</b>   |       |       |         |       |       |
| Proportion(%) of clients who reported to have been previously tested for HIV     | 84.21 | 84.91 | 82.61   | 75    | 87.27 |
| Numerator: number of clients who reported to have been previously tested for HIV | 64    | 45    | 19      | 9     | 48    |
| Denominator: number of clients tested for HIV                                    | 76    | 53    | 23      | 12    | 55    |
| <b>MIGRANT</b>   |       |       |         |       |       |
| Proportion(%) of clients who reported to have been previously tested for HIV     | 74.71 | 77.79 | 53.13   | 60.63 | 83.3  |
| Numerator: number of clients who reported to have been previously tested for HIV | 573   | 522   | 51      | 97    | 419   |
| Denominator: number of clients tested for HIV                                    | 767   | 671   | 96      | 160   | 503   |
| <b>ALL</b>   |       |       |         |       |       |
| Proportion(%) of clients who reported to have been previously tested for HIV     | 73.39 | 76.69 | 53.57   | 61.66 | 82.84 |
| Numerator: number of clients who reported to have been previously tested for HIV | 720   | 645   | 75      | 119   | 531   |
| Denominator: number of clients tested for HIV                                    | 981   | 841   | 140     | 193   | 641   |



## **APPENDIX 3:**

### **Data File specification for submitting disaggregated data for estimating core indicators to monitor HIV diagnosis at community based voluntary counselling and testing (CBVCT) services**

This appendix was prepared for CBVCT services, members of the COBATEST network, that use their own data entry system (and not for example the web based tool for data entry developed by the HIV COBATEST project) as guidance how to submit the data for estimating monitoring and evaluation (M&E) indicators. The guidelines provide the list of data items needed for estimating CBVCT M&E indicators that need to be collected and the data file specifications (variables names for data items, values for variables and variables format specification). The M&E indicators data should be extracted from the CBVCT service own data management system and prepared according to the data file specification.

Table 1 provides the overview of the data items needed to be collected for each client seen at the CBVCT service to be able to estimate all level 1 CBVCT M&E indicators (CBVCT 1 to CBVCT 11), 3 level 2 CBVCT M&E indicators (CBVCT 12 to CBVCT 14), and 2 level 3 CBVCT M&E indicators (CBVCT 17 and CBVCT 18) together with the suggested variables names, values (codes) for individual variables, and variables format specifications (data file specifications).

Some CBVCT services, members of the COBATEST network, may opt to collect the data necessary to estimate all CBVCT M&E indicators (level 1, 2 and 3), some only the level 1 CBVCT M&E indicators and some may opt to collect the data for estimating the level 1 and/or also selected level 2 and/or also level 3 CBVCT M&E indicators. Overview of data items needed to estimate different CBVCT M&E indicators is given in Table 1 in the chapter 3.1. Data collection for monitoring and evaluation CBVCT in the Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network.

Data necessary for estimating CBVCT 18 and CBVCT 19 together with the unique identifier used at the CBVCT service should try to be obtained from the local health care services to which HIV infected were referred or from the national HIV surveillance system.

CBVCT M&E data files for the half year periods defined below should be submitted to the NIPH by the following deadlines:

| <u>Data for clients seen during*</u>                  | <u>should be submitted by</u>   |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

\* Dates of visit requesting the HIV test or will be considered when defining the clients seen during the below specified half year periods

The following contextual information about the CBVCT service should be provided with each data submission:

- type of specimens collected from clients at the CBVCT service;
  - HIV test used at the CBVCT service as well as other tests used (e.g. for diagnosing selected other STI such as syphilis, gonorrhoea, chlamydial infection and hepatitis B and hepatitis C);
  - algorithm used for HIV confirmatory testing;
  - whether confirmatory testing is performed by the CBVCT service or another organisation;
  - whether confirmatory testing results is available to the CBVCT service, if confirmatory testing is performed in another organisation;
  - the total operational cost of CBVCT facility during the respective half year;
  - the source of linkage to care data, if available;
  - the source of CD4 counts data, if available and
- any other contextual information assumed to be useful.

Each half year CBVCT M&E data file should be submitted to the NIPH as an attachment to e-mail that contains all the contextual information to [tanja.kustec@nijz.si](mailto:tanja.kustec@nijz.si) with cc to [irena.klavs@nijz.si](mailto:irena.klavs@nijz.si).

**Table A1: Data file specifications for CBVCT M&E within COBATEST network**

| Data collected for M&E CBVCT  |               | Variable name                   | Values  | Format |
|---|---------------|---------------------------------|---|--------|
| Clients' unique identifier*   |               | Id                              |   | String |
| Gender  |               | Gender                          | 1 male, 2 female, 3 transgender   | Number |
| Age   | Age in years  | AgeInYears                      | 2 digits  | Number |
|   | Date of birth | DateOfBirth                     | dd/mm/yyyy  | Date   |
|   | Age group     | AgeGroup                        | 1 <25years old, 2 25+ years old   | Number |
| Key population at higher risk   |               | KeyPopulation                   | 1 MSM, 2 SW, 3 PWID, 4 migrant, 5 other, 6 does not want to tell, 7 not asked | Number |
| Date of "requesting the test" visit   |               | DateOfVisit                     | dd/mm/yyyy  | Date   |
| Ever tested before  |               | EverTested                      | 1 yes, 2 no, 3 does not know, 4 does not want to tell, 5 not asked            | Number |
| Tested previously – last time during 12 months preceding the "requesting the test" visit (last year)                |               | TestedLastYear                  | 1 yes, 2 no, 3 does not know, 4 does not want to tell, 5 not asked            | Number |
| Tested previously – last time during 12 months preceding the "requesting the test" visit at the same CBVCT facility |               | TestedLastYearSameCBVCT         | 1 yes, 2 no, 3 does not know, 4 does not want to tell, 5 not asked            | Number |
| Pre-test discussion or pre-test counselling or pre-result counselling   |               | PreTestCounselling              | 1 yes, 2 no   | Number |
| Screening HIV test performed, e.g. rapid HIV test or ELISA test   |               | ScreeningHIVTest                | 1 yes, 2 no   | Number |
| Screening HIV test result   |               | ScreeningTestResult             | 1 reactive, 2 non-reactive  | Number |
| Date of receiving the screening HIV test result   |               | DateScreeningTestResult         | dd/mm/yyyy  | Date   |
| Client received the screening HIV test result   |               | ScreeningTestResultReceived     | 1 yes, 2 no   | Number |
| HIV screening test post-result counselling  |               | ScreeningPostTestCounselling    | 1 yes, 2 no   | Number |
| Confirmatory HIV test performed   |               | ConfirmatoryHIVTest             | 1 yes, 2 no   | Number |
| Confirmatory HIV test result  |               | ConfirmatoryHIVTestResult       | 1 positive, 2 negative, 3 inconclusive  | Number |
| Date of receiving the confirmatory HIV test result  |               | DateConfirmatoryTestResult      | dd/mm/yyyy  | Date   |
| Post-test HIV counselling   |               | ConfirmatoryPostTestCounselling | 1 yes, 2 no, 9 missing  | Number |
| Client received the confirmatory HIV test result  |               | ConfirmatoryTestResultReceived  | 1 yes, 2 no, 9 missing  | Number |
| Linkage into health care system   |               | LinkageToHealthCare             | 1 yes, 2 no, 9 missing  | Number |
| Date of entry into health care  |               | DateOfLinkage                   | dd/mm/yyyy  | Date   |
| CD4 count at entry into health care (count)   |               | CD4Count                        | 4 digits, 9999 missing  | Number |
| Date of CD4 count at entry into health care   |               | DateCD4Count                    | dd/mm/yyyy  | Date   |

\* any specific unique identifier used at an individual CBVCT service 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). E.g.: Soundex code of a surname and date of birth

## **APPENDIX 4:**

### **Instructions for CBVCT core indicators data entry into EXCEL reporting form**

### **For HIV COBATEST network**

This appendix was prepared for CBVCT services, members of the COBATEST network that will be submitting the data for estimating CBVCT monitoring and evaluation (M&E) indicators during the EURO HIV EDAT project to the National Institute of Public Health (NIPH) in aggregated format using the EXCEL reporting form, developed by HIV COBATEST Project.

This EXCEL form will be available in the EURO HIV EDAT project website (<https://eurohivedat.eu/>)

This Excel form is based on the document “Core Indicators to Monitor Community Based Voluntary Counselling and Testing (CBVCT) for HIV”.

The list of data items needed for estimating CBVCT M&E indicators that need to be collected is provided in the chapter 3.1 Data collection for monitoring and evaluation CBVCT in the Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network.

Some CBVCT services, members of the COBATEST network, may opt to collect the data necessary to estimate all CBVCT M&E indicators (level 1, 2 and 3), some only the level 1 CBVCT M&E indicators and some may opt to collect the data for estimating the level 1 and/or also selected level 2 and/or also level 3 CBVCT M&E indicators. Overview of data items needed to estimate different CBVCT M&E indicators is given in Table 1 in the chapter 3.1 Data collection for monitoring and evaluation CBVCT in the Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network.

Data necessary for estimating CBVCT 18 and CBVCT 19 together with the unique identifier used at the CBVCT service should try to be obtained from the local health care services to which HIV infected were referred or from the national HIV surveillance system.

CBVCT M&E data files for the half year periods defined below should be submitted to the NIPH by the following deadlines:

| <u>Data for clients seen during*</u>                  | <u>should be submitted by</u>   |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

\* Dates of visit requesting the HIV test or will be considered when defining the clients seen during the below specified half year periods

The following contextual information about the CBVCT service should be provided with each data submission:

- type of specimens collected from clients at the CBVCT service;
  - HIV test used at the CBVCT service as well as other tests used (e.g. for diagnosing selected other STI such as syphilis, gonorrhoea, chlamydial infection and hepatitis B and hepatitis C);
  - algorithm used for HIV confirmatory testing;
  - whether confirmatory testing is performed by the CBVCT service or another organisation;
  - whether confirmatory testing results is available to the CBVCT service, if confirmatory testing is performed in another organisation;
  - the total operational cost of CBVCT facility during the respective half year;
  - the source of linkage to care data, if available;
  - the source of CD4 counts data, if available and
- any other contextual information assumed to be useful.

Completed CBVCT M&E reporting EXCEL form with data for CBVCT M&E indicators and necessary contextual information should be submitted to the NIPH as an attachment to an e-mail to [tanja.kustec@nijz.si](mailto:tanja.kustec@nijz.si) with cc to [irena.klavs@nijz.si](mailto:irena.klavs@nijz.si).



## Instructions to fill in the Excel form:

1. The **first sheet** of the Excel document refers about the CBVCT service information. It has to be indicated:
  - The CBVCT service name and address
  - The name, e-mail address and telephone number of the responsible of the reporting.
  - The reporting period
  - The submission data
  - Contextual information about the CBVCT service
  - Type of test used at CBVCT service
2. The **second sheet** of the Excel document refers about the indicators to be filled.

|  |                          |
|--|--------------------------|
|  | automatically calculated |
|  | not answer (NA)          |
|  | fill in it               |

- The spaces coloured in light grey will be automatically calculated, so it's no needed to fill in.
- The spaces coloured in dark grey have not to be filled.
- The spaces in white have to be filled.

### INDICATORS:

- **CBVCT1: Number of clients tested for HIV with a screening test**  
All the fields except the one colored in dark grey have to be filled in.
- **CBVCT2: Proportion of clients who reported to have been previously tested for HIV**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 3: Proportion of clients who reported to have been tested for HIV during preceding 12 months**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 4: Proportion of clients who reported to have been tested for HIV at the same CBVCT facility during preceding 12 months**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.

- **CBVCT 5: Proportion of clients with reactive screening HIV test result**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 6: Proportion of clients tested for HIV with a screening test who received the results**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 7: Proportion of clients with reactive screening HIV test result who received post-result counseling**  
It's only necessary to fill in the numerator and the denominator fields. The proportion field is calculated automatically, so it's not necessary to fill in it.
- **CBVCT 8: Proportion of clients with reactive screening HIV test result who were tested with confirmatory HIV test**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 9: Proportion of clients with positive confirmatory HIV test result**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 10: Proportion of clients with positive confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 11: Proportion of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility**  
It's only necessary to fill in the numerator field. The denominator and proportion fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 12: Proportion of clients who received a pre-test discussions or pre-test counselling or preresult counselling<sup>6</sup> and were tested for HIV with a screening test**  
It's only necessary to fill in the numerator and the denominator fields. The proportion field is calculated automatically, so it's not necessary to fill in it.
- **CBVCT 13: Proportion of clients with non-reactive screening HIV test result who received post-result counseling**  
It's only necessary to fill in the numerator and the denominator fields. The proportion field is calculated automatically, so it's not necessary to fill in it.

- **CBVCT 14: Proportion of clients with negative confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility**  
It's only necessary to fill in the numerator and the denominator fields. The proportion field is calculated automatically, so it's not necessary to fill in it.
- **CBVCT 15: Cost per client tested**  
It's only necessary to fill in the numerator field. The denominator and calculation fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 16: Cost per HIV diagnosis**  
It's only necessary to fill in the numerator field. The denominator and calculation fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 17: Proportion of clients who tested HIV positive at CBVCT sites who were linked to health care**  
It's only necessary to fill in the numerator field. The denominator and calculation fields are calculated automatically, so it's not necessary to fill in them.
- **CBVCT 18: Proportion of clients who tested HIV positive at CBVCT sites who were diagnosed late**  
It's only necessary to fill in the numerator field. The denominator and calculation fields are calculated automatically, so it's not necessary to fill in them.

## 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 PROGRAMME M&E REPORT FORM                        |     |                          |         |               |               |
|--|-----|--------------------------|---------|---------------|---------------|
| HIV-COBATEST CBVCT services network                    |     |                          |         |               |               |
|  |     |                          |         |               |               |
|  |     |                          |         |               |               |
|  |     | automatically calculated |         |               |               |
|  |     | not answer (NA)          |         |               |               |
|  |     | fill in it               |         |               |               |
|  |     |                          |         |               |               |
| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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              | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been previously tested for HIV    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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              | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been previously tested for HIV    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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              | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been previously tested for HIV    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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              | 0         | 0         | 0         | 0             | 0             |
| <b>All</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been previously tested for HIV    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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              | 0         | 0         | 0         | 0             | 0             |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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                              | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                              | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                              | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                              | 0         | 0         | 0         | 0             | 0             |
| <b>All clients</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients who reported to have been tested for HIV during preceding 12 months    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                              | 0         | 0         | 0         | 0             | 0             |



| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | NA        | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |

| 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 | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with HIV reactive screening HIV test result | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with HIV reactive screening HIV test result | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with HIV reactive screening HIV test result | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |
| <b>All</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with HIV reactive screening HIV test result | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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   | 0         | 0         | 0         | 0             | 0             |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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                        | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                        | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                        | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                        | 0         | 0         | 0         | 0             | 0             |
| <b>All</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients tested for HIV with a screening test who received the results    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                        | 0         | 0         | 0         | 0             | 0             |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling |           |           | NA        |               |               |
| <b>Denominator:</b> number of clients with reactive screening HIV test result                                    |           |           | NA        |               |               |
| <b>SW</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling |           |           |           |               |               |
| <b>Denominator:</b> number of clients with reactive screening HIV test result                                    |           |           |           |               |               |
| <b>IDU</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling |           |           |           |               |               |
| <b>Denominator:</b> number of clients with reactive screening HIV test result                                    |           |           |           |               |               |
| <b>Migrants</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling |           |           |           |               |               |
| <b>Denominator:</b> number of clients with reactive screening HIV test result                                    |           |           |           |               |               |
| <b>All</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who received post-result counselling    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <b>Numerator:</b> number of clients with reactive screening HIV test result who received post-result counselling |           |           |           |               |               |
| <b>Denominator:</b> number of clients with reactive screening HIV test result                                    |           |           |           |               |               |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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                                 | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                                 | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                                 | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                                 | 0         | 0         | 0         | 0             | 0             |
| <b>All</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with reactive screening HIV test result who were tested with confirmatory HIV test    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                                 | 0         | 0         | 0         | 0             | 0             |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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     | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>  |           |           |           |               |               |
| <b>Proportion</b> (%) of clients with positive confirmatory HIV test result    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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     | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>   |           |           |           |               |               |
| <b>Proportion</b> (%) of clients with positive confirmatory HIV test result    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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     | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>  |           |           |           |               |               |
| <b>Proportion</b> (%) of clients with positive confirmatory HIV test result    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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     | 0         | 0         | 0         | 0             | 0             |
| <b>All</b>   |           |           |           |               |               |
| <b>Proportion</b> (%) of clients with positive confirmatory HIV test result    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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     | 0         | 0         | 0         | 0             | 0             |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | NA        | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |

| 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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | NA        | 0             | 0             |
| <b>SW</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |
| <b>IDU</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |
| <b>Migrants</b>   |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |
| <b>All</b>  |           |           |           |               |               |
| <b>Proportion (%)</b> of clients with positive confirmatory HIV test result who received post-result counselling at CBVCT facility    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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  | 0         | 0         | 0         | 0             | 0             |



| 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                            | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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                            | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                            | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                            | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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                            | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | NA        | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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    | #i DIV/0! | #i DIV/0! | #i DIV/0! | #i DIV/0!     | #i DIV/0!     |
| <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>CBVCT 15: Cost per client tested</b>  |   |  |         |          |
| Numerator. total operational cost of CBVCT service:  |   |  |         | €        |
| Denominator. number of clients tested:   |   |  |         | 0        |
| Calculation tested. numerator / denominator:   |   |  | #DIV/0! | €/client |
| <b>CBVCT 16: Cost per HIV diagnosis</b>  |   |  |         |          |
| Numerator. total operational cost of CBVCT service:  |   |  |         | €        |
| Denominator. number of clients diagnosed with HIV infection:   |   |  |         | 0        |
| Calculation diagnosis. numerator / denominator:  |   |  | #DIV/0! | €/HIV    |
| <b>CBVCT 17: Proportion of clients who tested HIV positive at CBVCT sites who were linked to health care</b> |   |  |         |          |
| Numerator:   | number of clients who tested HIV positive at CBVCT sites who were linked to health care |  |         |          |
| Denominator: number of clients who tested HIV positive at CBVCT site   |   |  |         | 0        |
| Calculation:   | numerator / denominator X 100   |  | #DIV/0! | %        |
| <b>CBVCT 18: Proportion of clients who tested HIV positive at CBVCT sites who were diagnosed late</b>        |   |  |         |          |
| Numerator:   | number of clients who tested HIV positive at CBVCT sites who were diagnosed late        |  |         |          |
| Denominator: number of clients who tested HIV positive at CBVCT site   |   |  |         | 0        |
| Calculation:   | numerator / denominator X 100   |  | #DIV/0! | %        |
| <b>COMMENTS</b>  |   |  |         |          |
|  |   |  |         |          |

## **APPENDIX 5:**

### **CBVCT indicators data collection form**

#### **For HIV COBATEST network**

dix was prepared for CBVCT services, members of the COBATEST network, that will be submitting the data for estimating CBVCT monitoring and evaluation (M&E) indicators during the Euro HIV EDAT project to the National Institute of Public Health (NIPH) in aggregated format on a paper form.

The list of data items needed for estimating CBVCT M&E indicators that need to be collected is provided in the chapter 3.1 Data collection for monitoring and evaluation CBVCT in the Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network.

Some CBVCT services, members of the COBATEST network, may opt to collect the data necessary to estimate all CBVCT M&E indicators (level 1, 2 and 3), some only the level 1 CBVCT M&E indicators and some may opt to collect the data for estimating the level 1 and/or also selected level 2 and/or also level 3 CBVCT M&E indicators. Overview of data items needed to estimate different CBVCT M&E indicators is given in Table 1 in the chapter 3.1 Data collection for monitoring and evaluation CBVCT in the Guidelines for data collection for monitoring and evaluation of CBVCT for HIV in the COBATEST network.

Data necessary for estimating CBVCT 18 and CBVCT 19 together with the unique identifier used at the CBVCT service should try to be obtained from the local health care services to which HIV infected were referred or from the national HIV surveillance system.

CBVCT M&E data files for the half year periods defined below should be submitted to the NIPH by the following deadlines:

| <u>Data for clients seen during*</u>                  | <u>should be submitted by</u>   |
|---|---------------------------------|
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2015  | 30 <sup>th</sup> September 2015 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2015 | 31 <sup>st</sup> March 2016     |
| 1 <sup>st</sup> January - 30 <sup>th</sup> June 2016  | 30 <sup>th</sup> September 2016 |
| 1 <sup>st</sup> July - 31 <sup>st</sup> December 2016 | 31 <sup>st</sup> March 2017     |

\* Dates of visit requesting the HIV test or will be considered when defining the clients seen during the below specified half year periods

The following contextual information about the CBVCT service should be provided with each data submission:

- type of specimens collected from clients at the CBVCT service;
  - HIV test used at the CBVCT service as well as other tests used (e.g. for diagnosing selected other STI such as syphilis, gonorrhoea, chlamydial infection and hepatitis B and hepatitis C);
  - algorithm used for HIV confirmatory testing;
  - whether confirmatory testing is performed by the CBVCT service or another organisation;
  - whether confirmatory testing results is available to the CBVCT service, if confirmatory testing is performed in another organisation;
  - the total operational cost of CBVCT facility during the respective half year;
  - the source of linkage to care data, if available;
  - the source of CD4 counts data, if available and
- any other contextual information assumed to be useful.

Completed CBVCT M&E reporting form with data for CBVCT M&E indicators and necessary contextual information should be submitted to the NIPH as an attachment to an e-mail to [tanja.kustec@nijz.si](mailto:tanja.kustec@nijz.si) with cc to [irena.klavs@nijz.si](mailto:irena.klavs@nijz.si).

**CBVCT M&E REPORTING FORM for COBATEST 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 (see above):**



**Contextual information about CBVCT service continued (see above):**

**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   |     |       |         |               |               |
| PWID   |     |       |         |               |               |
| 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>PWID</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>PWID</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>PWID</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>PWID</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>PWID</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 with reactive screening HIV test result                                    |     |       | 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 with reactive screening HIV test result                                    |     |       |         |               |               |
| <b>PWID</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 with reactive screening HIV test result                                    |     |       |         |               |               |
| <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 with reactive screening HIV test result                                    |     |       |         |               |               |
| <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 with reactive screening HIV test result                                    |     |       |         |               |               |

**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>PWID</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>PWID</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 posit. confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility      |     |       | NA      |               |               |
| <b>Numerator:</b> number of clients with posit. confirmatory HIV test result who received the conclusive confir. 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 posit. confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility      |     |       |         |               |               |
| <b>Numerator:</b> number of clients with posit. confirm. HIV test result who received the conclusive confirm. HIV test result at CBVCT facility           |     |       |         |               |               |
| <b>Denominator:</b> number of clients with positive confirmatory HIV test result  |     |       |         |               |               |
| <b>PWID</b>   |     |       |         |               |               |
| <b>Proportion</b> (%) of clients with posit. confirmatory HIV test result who received the conclusive confirm. HIV test result at CBVCT facility          |     |       |         |               |               |
| <b>Numerator:</b> number of clients with posit. confirm. HIV test result who received the conclusive confirm. 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 posit. confirmatory HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility      |     |       |         |               |               |
| <b>Numerator:</b> number of clients with posit. confirm. HIV test result who received the conclusive confirm. 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>PWID</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>PWID</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>PWID</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 confirm. HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility    |     |       | NA      |               |               |
| <b>Numerator:</b> number of clients with negative confirm. HIV test result who received the conclusive confirm. 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 confirm. 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 confirm. HIV test result at CBVCT facility |     |       |         |               |               |
| <b>Denominator:</b> number of clients with a negative confirmatory HIV test result  |     |       |         |               |               |
| <b>PWID</b>   |     |       |         |               |               |
| <b>Proportion (%)</b> of clients with negative confirmatory HIV test result who received the conclusive confirm. HIV test result at CBVCT facility    |     |       |         |               |               |
| <b>Numerator:</b> number of clients with negative confirm. HIV test result who received the conclusive confirm. 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 confirm. HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility    |     |       |         |               |               |
| <b>Numerator:</b> number of clients with negative confirm. HIV test result who received the conclusive confirm. 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 confirm. HIV test result who received the conclusive confirmatory HIV test result at CBVCT facility    |     |       |         |               |               |
| <b>Numerator:</b> number of clients with negative confirm. HIV test result who received the conclusive confirm. 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 who tested HIV positive 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 who tested HIV positive at CBVCT site \_\_\_\_\_

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

## COMMENTS



COMMENTS continued

## **APPENDIX 6:**

### **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>