

THE COBATEST NETWORK:

A platform to perform monitoring and evaluation of HIV
community-based testing practices in Europe

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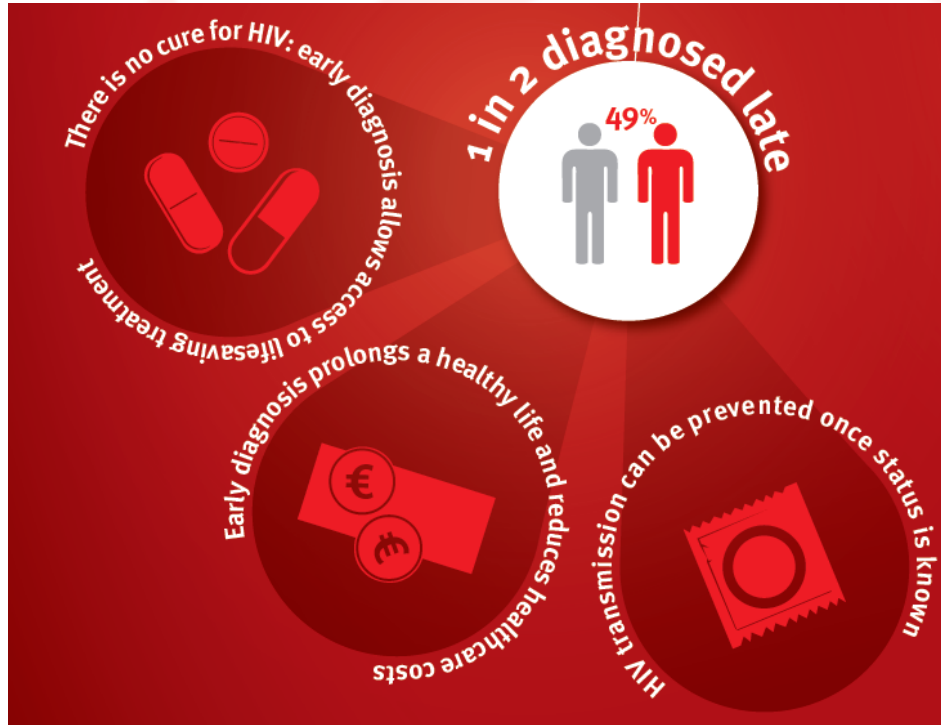
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Malta, February 1st

Background

- Early testing helps to prevent transmission and lowers the risk of severe health complications



Low HIV testing:
Less than 50%
of members of key populations
were tested last year.

Programatic objective:
To increase the percentage of HIV + persons who know they are infected

diagnosed HIV +

Relevant groups

At risk
individuals
and core
groups

**NON HEALTH CARE
SETTINGS (CBVCTS)**

Vulnerable
groups

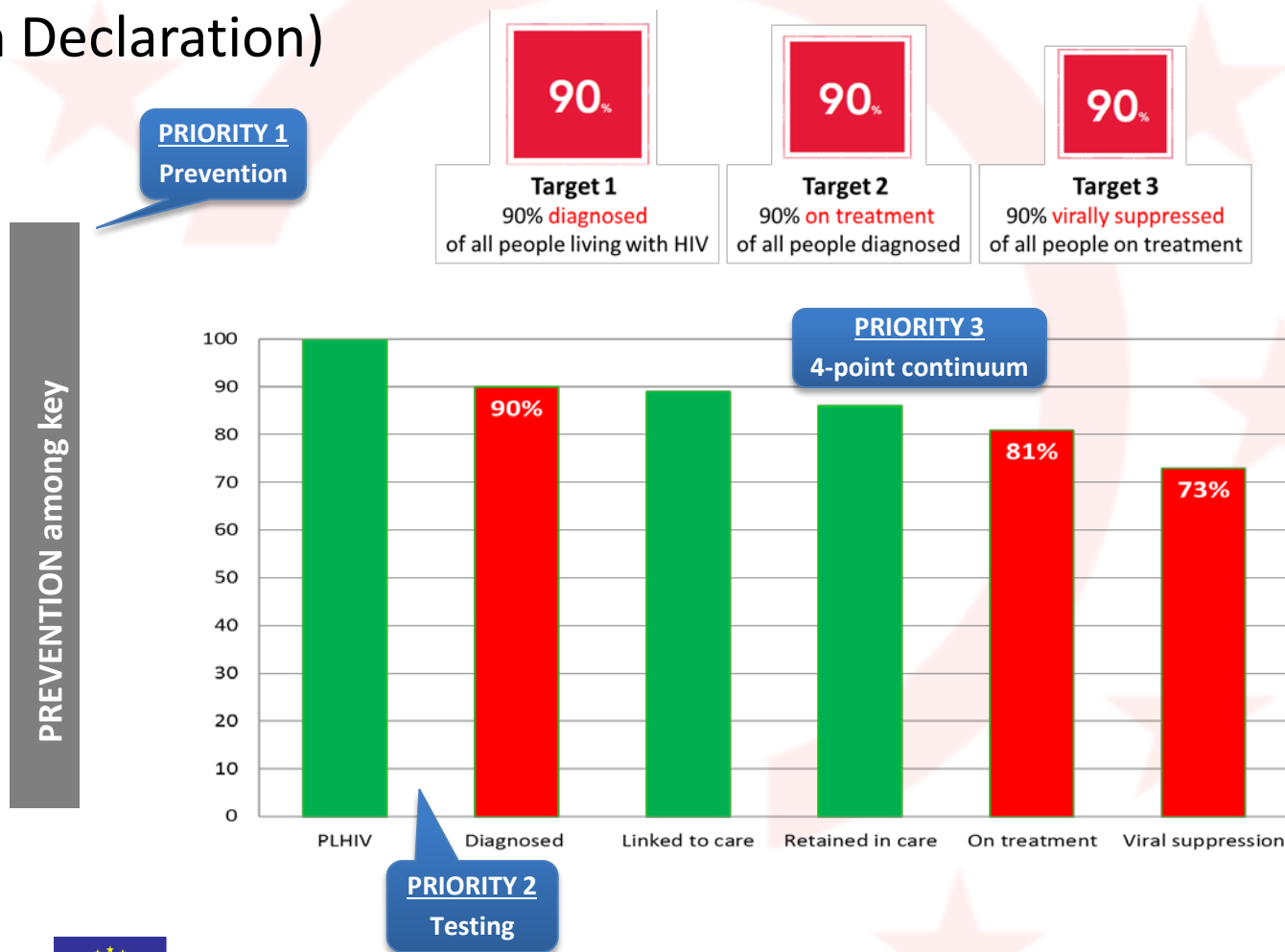
**KEY
POPULATIONS
FOR TESTING**

undiagnosed HIV +

Background

UNAIDS 90-90-90 targets (by 2020)

Framework for monitoring the HIV response in Europe
(Dublin Declaration)



HIV-COBATEST project (2010-2013)

HIV Community-based practices in Europe

co-funded by the Executive Agency for Health and Consumer (EAHC) under the EU Public Health Programme.



Specific objectives :

1. To gain a deep understanding of CBVCT programs and services in different countries.
2. To identify and describe good practices in the implementation of CBVCT.
3. To identify a core group of indicators that can be used to monitor and evaluate CBVCT.
4. To establish a network of community-based VCT in which to perform operational research
- 5.- To assess the acceptability, feasibility and impact of introducing oral rapid test technologies at community-based VCTs.

COBATEST NETWORK

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Routledge
Taylor & Francis Group

OPEN ACCESS

The COBATEST network: a platform to perform monitoring and evaluation of HIV community-based testing practices in Europe and conduct operational research

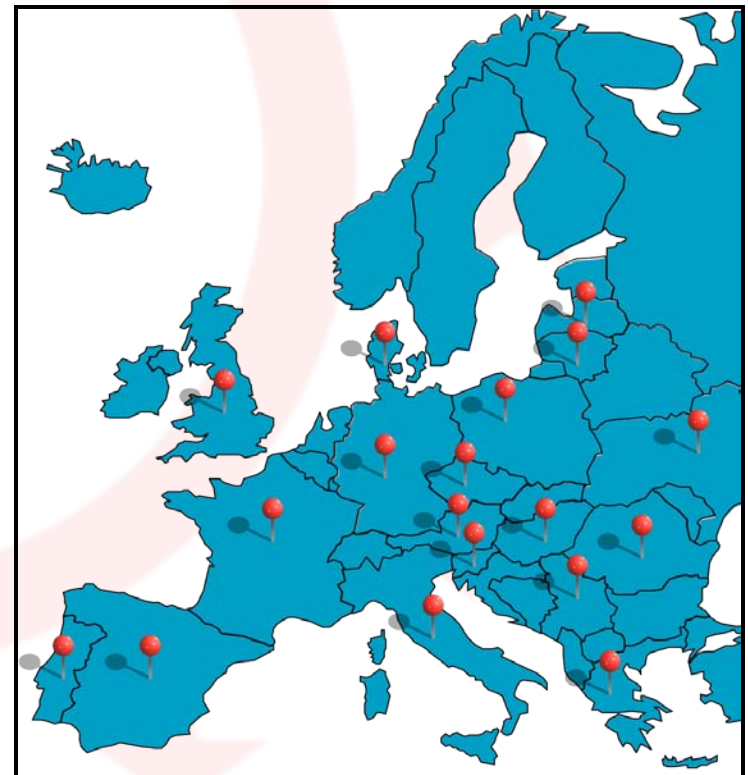
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Objectives:

- To develop and implement standardized questionnaires and procedures for monitoring and evaluation of CBVCT activity.
- To evaluate the potential impact of CBVCT services in the improvement of HIV early diagnosis and linkage to care.
- To consolidate a network of CBVCT services in which to perform operational research.
- To use the network for advocacy and good practices dissemination.

40 CBVCTs of 19 European countries

(Germany, Denmark, Czech Republic, Poland, France, Slovenia, Belgium, Romania, Portugal, Lithuania, Latvia, UK, Hungary, Ukraine, Austria, Greece, Italy, Switzerland and Spain)




Standardized tools

STANDARDIZED DATA COLLECTION FORM

<https://eurohivedat.eu/>

HIV TESTING DATA COLLECTION FORM

Funded by the 

Name of the CBVCT site: _____ Testing site: CBVCT office Public venue (pharmacy, library, ...)
 Outdoors/Van Amusement venue (coffee, bar, ...)
 Sex work venue Needle exchange venue
 Sauna/sex venue Other: _____

City of the CBVCT site: _____

Date of visit: _____
(Month) (Day) (Year)

User's unique identifier (used by the CBVCT service): _____
 OR
 User's unique identifier (COBATEST): _____
(1st name) (2nd name) (3rd name) (Day) (Month) (Year) (No. of other children) (No. of other partners) (Initial) (Year of mother's first name)

Client's characteristics data:

Gender: Male Female Transgender Date of birth: _____
(Day) (Month) (Year)

Foreign national: Yes No Don't know Country of birth: _____ Year of arrival to this country: _____
(if migrant)

Is the client a: Resident Tourist

Municipality or home town: _____

Reasons for HIV testing: (multiresponse)

Risk exposition Seroprevalence screening Window period in the last test Clinical symptoms

Unprotected vaginal sex My partner asked to me
 Unprotected oral sex Before dropping using condom with my partner
 Unprotected oral sex I wish to have a baby
 Broken condom Prenatal screening: before delivery
 Unprotected sex with sex worker Regular control
 My partner has tested positive recently Only to know my health status
 Episode of sharing injection material Other: _____

Other: _____

Reasons for come to this CBVCT service to be tested: (multiresponse)

I've come here before I've seen this CBVCT in a pamphlet Other: _____
 A friend told me about this CBVCT I've found this CBVCT in internet

Previous HIV tests:

HIV test in the past? Yes No Don't know Date of last test: _____
(Month) (Year)

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 women and men I haven't had sex Don't know

Condom use in the 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 the last 12 months with:

Sex workers: Yes No Don't know

IDU: Yes No Don't know

Known HIV positive partner: Yes No Don't know

MSM: Yes No Don't know

Intravenous drug use? Yes No Don't know Date of last time: _____
(Month) (Year)

Share of materials of injection in the last 12 months, as:

Syringes or needles? Yes No Don't know

Spoons, filters, water, ...? Yes No Don't know

Pre-test counselling:

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

Screening HIV test:

Date of specimen collection: _____
(Day) (Month) (Year)

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

Screening test result: Reactive Non reactive

Did the client receive the screening HIV test result? Yes No Don't know Date of receiving screening test result: _____
(Day) (Month) (Year)

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: _____
(Day) (Month) (Year)

Confirmatory HIV test result: Positive Negative Inconclusive

Did the client receive the confirmatory HIV test result? Yes No Don't know Date of receiving confirmatory test result: _____
(Day) (Month) (Year)

Access to health system for those HIV positive:

Patient linked to healthcare system? Yes No Don't know Date of linkage: _____
(Day) (Month) (Year)

First CD4 count result: _____ Date of the first CD4 count: _____
(Day) (Month) (Year)

MODULE B

Syphilis test:

Previous syphilis diagnosis? Yes No Don't know Date of last syphilis diagnoses: _____
(Day) (Month) (Year)

Syphilis test performed? Yes No Don't know Date of specimen collection: _____
(Day) (Month) (Year)

Type of test used: Rapid test Conventional test

Rapid test result: Reactive Non reactive

Diagnosis test performed? Yes No Don't know Date of specimen collection: _____
(Day) (Month) (Year)

Syphilis diagnosis: Active infection Serological scar (old or cured infection) Not known

HCV test:

Previous HCV diagnosis? Yes No Don't know Date of last HCV diagnoses: _____
(Day) (Month) (Year)

HCV test performed? Yes No Don't know Date of specimen collection: _____
(Day) (Month) (Year)

Type of test used: Rapid oral test Rapid blood test Conventional test

Rapid test result: Reactive Non reactive

HCV RNA test performed? Yes No Don't know Date of specimen collection: _____
(Day) (Month) (Year)

HCV diagnosis: Active infection Serological scar (old or cured infection) Not known

Hepatitis A and B vaccination:


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

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

Comments: _____

Standardized tools

Common data base and Web based tool for data entry

 **COBATEST NETWORK DATA COLLECTION FORM**

Pag 1.

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)

Gender: Male Female Transgender

Date of birth ▼ ▼

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

Client characteristics data:

Foreign national Yes No Don't know

Municipality or home town

Standardized tools

<https://eurohivedat.eu/>



Core indicators for M&E

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

Guidelines for CBVCT services

Field-test version

July 2012



Euro HIV-EDAT Project (2014-2017)

Operational knowledge to improve HIV early diagnosis and treatment among vulnerable groups in Europe

co-funded by the Executive Agency for Health and Consumer (EAHC) under the EU Public Health Programme.



Specific objectives :

1. To monitor and evaluate CBVCT services in Europe;
2. To identify determinants for HIV test seeking behaviour and sexual risk behaviour among MSM in Europe;
3. To describe and improve approaches of point of care and linkage to health services for HIV/STI among MSM in Europe;
4. To improve the implementation of CBVCT services specifically addressed to MSM in Europe;
5. To describe HIV testing patterns and identify barriers to testing and care among migrant populations in Europe;
6. To assess acceptability and feasibility of innovative strategies and interventions aimed at increasing HIV counselling and testing

Core CBVCT indicators for CBVCT services I

Level 1

CBVCT 1: **# of clients tested for HIV with a screening test**

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

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

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

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

CBVCT 6 % of clients tested for HIV with a screening test who received the results

CBVCT 7: % of clients with reactive screening HIV test result who received post-result

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

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

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

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

Core CBVCT indicators for CBVCT services II

Level 2 (Optional CBVCT indicators):

CBVCT 12: % 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

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

CBVCT 14: % 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

Level 3 (2 additional optional core CBVCT indicators to be considered):

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

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

All these indicators, except for CBVCT14 and CBVCT15, should be monitored in “disaggregated” form by gender, age (<25 and 25+ years old) and key population at risk (MSM, SW, IDU, migrants).

Data sending

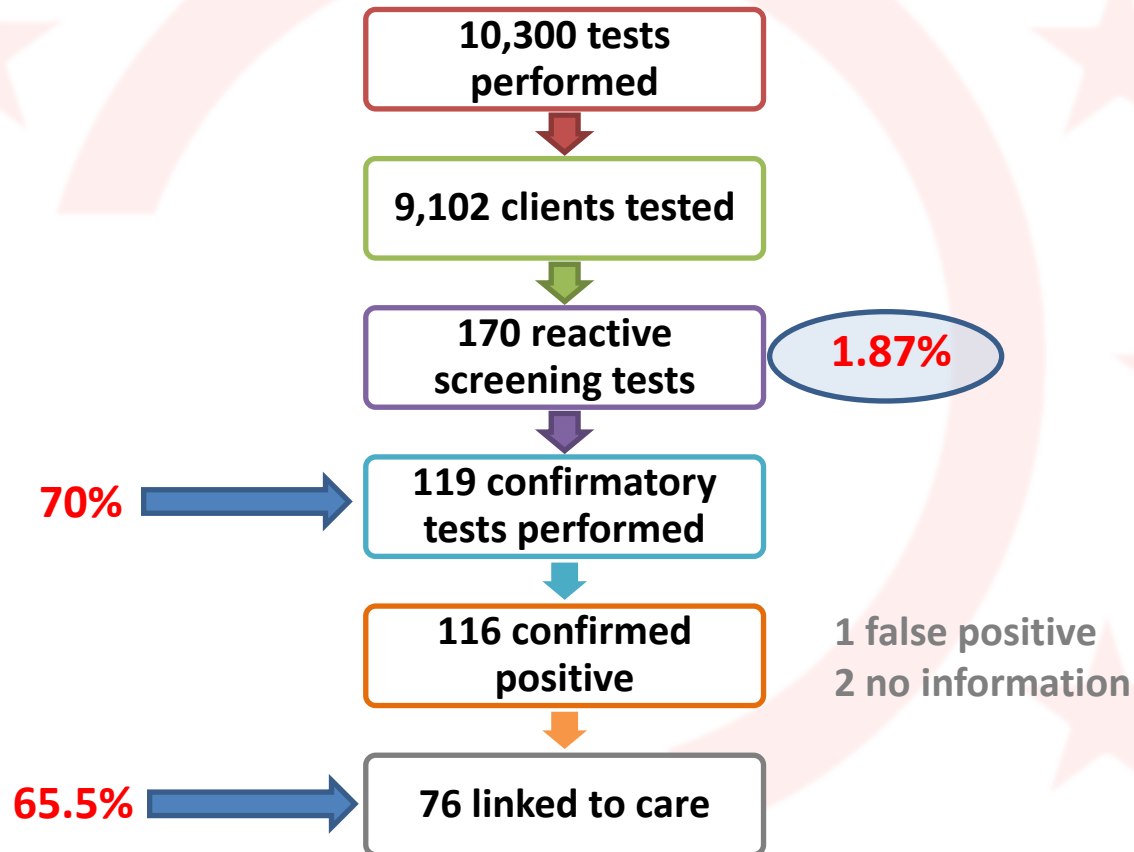
- CBVCTs participating in the network can share their data in different ways:
 - Using the COBATEST common tools (Standardized questionnaire and the web-based data entry tool)
 - Sending disaggregated data according to the data file specifications prepared by the NIPH.
 - Sending aggregated data using EXCEL reporting form to report the core CBVCT indicators for M&E

PRELIMINARY RESULTS - 2015

- ❑ Data submitted by **37 CBVCT services/networks from 15 countries** (Denmark, France, Slovenia, Switzerland, Portugal, Latvia, Lithuania, Ukraine, Austria, Italy, Spain, Czech Republic, Croatia, Poland and Germany).
 - 25 CBVCT used data entry tool;
 - 3 CBVCT sent disaggregated data;
 - 9 CBVCT (3 networks) sent aggregated data.
- ❑ **95,493 clients** were **tested** for HIV (screening) - individual CBVCTs: 8 - 43,097.
- ❑ Of 34 CBVCTs with at least 1 reactive HIV screening test result, 6 had not submitted information on HIV confirmatory testing results.
- ❑ % with **HIV reactive screening HIV test result** varied between **0% - 5.7% (mean 1.7%; median 1.3%)**
- ❑ Of 22 CBVCTs (complete information), 14 reported 100% of reactive results had been tested with confirmatory tests and of other 8 the % varied: 42.5% - 99.5%.
- ❑ Of 6 CBVCTs (complete information), positivity rate varied: 0.3% - 3.4%.
- ❑ Among **13 CBVCTs (complete information)**, **11 had 100% linkage to health care and two 92% and 91%.**

Results 2015 Data from centres using common tools

- 25 CBVCT centres from 7 different countries (Spain, Denmark, Greece, Italy, Lithuania, Latvia, Ukraine)



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Clients tested for HIV		
	N	%
Age groups (N= 8,890)		
<20	792	8,9%
>=21-35	5301	59,6%
>=36-50	2250	25,3%
>50	547	6,2%
Gender (N=9,098)		
Male	6603	72,6%
Female	2350	25,8%
Transgender	145	1,6%
Migrants (N= 8,745)		
yes	2794	31,9%
Transmission Groups (N= 8,925)		
IDU	104	1,2%
Male sex worker	391	4,4%
MSM	4055	45,4%
Women sex worker	464	5,2%
Heterosexual women	1857	20,8%
Heterosexual men	2054	23,0%

Clients tested for HIV		
	N	%
Type of test used (N=9,095)		
Rapid blood test	7114	78,2%
Rapid oral test	1871	20,6%
Conventional test	110	1,2%
Testing sites (N=9,102)		
CBVCT office	8083	88,8%
Outdoors/Van	61	0,7%
Sex work venue	87	1,0%
Sauna/sex venue	146	1,6%
Public venue	187	2,1%
Amusement venue	355	3,9%
Needle exchange venue	31	0,3%
Other	152	1,7%
Previous HIV test (N=8,970)		
yes	5872	65,5%
no	3098	34,5%

Results 2015 Data from centres using common tools

- 25 CBVCT centres from 7 different countries (Spain, Denmark, Greece, Italy, Lithuania, Latvia, Ukraine)

All clients	All	Males	Females	<25	>=25
% of clients with a reactive screening HIV test result	1,9%	2,4%	0,4%	1,2%	2,1%
Numerator	170	161	9	27	139
Denominator	9102	6748	2350	2324	6566

Key groups

MSM	All	Males	Females	<25	>=25
% of clients with a reactive screening HIV test result	2,6%	2,6%		2,3%	3,6%
Numerator	114	114		25	117
Denominator	4399	4399		1081	3234

IDU	All	Males	Females	<25	>=25
% of clients with a reactive screening HIV test result	1,9%	2,6%	0,0%	0,0%	2,2%
Numerator	2	2	0	0	2
Denominator	104	77	26	12	90

SW	All	Males	Females	<25	>=25
% of clients with a reactive screening HIV test result	3,0%	6,3%	0,2%	1,4%	3,3%
Numerator	26	25	1	2	23
Denominator	872	395	477	142	705

Migrants	All	Males	Females	<25	>=25
% of clients with a reactive screening HIV test result	2,3%	3,2%	0,7%	1,6%	2,6%
Numerator	65	58	7	10	53
Denominator	2794	1823	971	643	2077

Limitations of data

Limitations	Actions for improvement
<p>1. Quality of information submitted to the network</p>	<p>1. Validation and analysis of HIV testing data in the community setting (with ECDC) To perform a data quality assessment of the data collected by the COBATEST network based on five dimensions of the data quality: data consistency, content and completeness, data utility and data collection processes.</p>
<p>2. Representativeness of the data</p>	<p>2. Enlarge the already existing network: (Core funding from Gilead)</p> <ul style="list-style-type: none"> • Integration of community in the governance and management of the network • Development of a specific Website and Logo • Improvement of the tool: <ul style="list-style-type: none"> – specific annexes for each CBVCT – Adaptation for Tablets and Phones
<p>3. Data integration with National Surveillance Systems</p>	<p>3. New joint Action:</p> <ul style="list-style-type: none"> • WP6: Monitoring and Evaluation of HIV, STIs and viral hepatitis testing and linkage to care <ul style="list-style-type: none"> – Consensus recommendations for integration of health care and CBVCT settings testing and linkage to care data into national surveillance and M&E systems

Opportunities

- ❑ CBVCT programs and services in Europe have been expanding during last years and preliminary data shows they can be effective in both reaching the right target populations and facilitating periodical testing to high risk groups.
- ❑ Nevertheless, there is a huge heterogeneity in terms of organization, stability, size of reached population, observed prevalence and coordination with the formal system.
- ❑ The HIV-COBATEST and EURO-HIV-EDAT Projects have developed tools to facilitate both harmonization and M&E of CBVCT programs and services.
- ❑ The COBATEST network, can help ECDC and National Ministries to strength both the implementation and M&E of CBVCT in Europe.

Acknowledgements

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- AIDS Fondet* (Denmark)
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- PRAKSIS*
- CAS Gibraltar*
- OMSIDA* (Spain)
- StopSida* (Spain)
- Àmbit Prevenció* (Spain)
- Gais Positius*(Spain)
- SAPS-Creu Roja* (Spain)
- Centre Jove d'Anticoncepció i Sexualitat* (CJAS) (Spain)
- Creu Roja Tarragona* (Spain),
- Actuavallès* (Spain)
- ACASC* (Spain)
- Associació Antisida de Lleida* (Spain)
- Assexora'Tgn* (Spain)
- ACCAS* (Spain)
- Baltic HIV Association* (Latvia)
- ACAS Girona* (Spain)
- Asociación SILOÉ* (Spain)
- Associació Lambda* (Spain)
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- Gay-alliance (Ukraine)
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- Czech AIDS Help Societ (Czech Republic)
- Association "Prevent"(Serbia)
- Positive Voice (Greece)
- AIDS Hilfe Wien (Austria)
- CBVCT network Poland
- LASS (UK)
- Le Kioske (France)
- Anonymous AIDS Association (Hungary)
- ISKORAK(Croatia)

Switzerland Checkpoints

*BCN-Checkpoint is not a COBATEST member but has contributed with data