

Processes of data collection on HIV, viral hepatitis and STI testing and linkage to care at national level in European countries: a review for the Integrate Joint Action

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Why monitor testing?

- Monitor and evaluate the performance of testing programmes at all levels
- Measure coverage and accessibility of testing programmes
- To better interpret trends in disease prevalence
- Evaluation of policies and resource allocation

Why map testing and linkage to care monitoring in Europe now?

- To understand gaps in monitoring
- To identify tools, methods and processes which facilitate integration of data into national surveillance systems

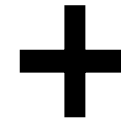
Methods

HepHIV 2019
28-30 JANUARY · BUCHAREST

Desk review of key
European reports from:
HIV in Europe
EuroHIV-EDAT
COBATEST Network
OptTest



The preliminary results from
the Dublin Declaration
Monitoring 2018



 **Integrate**

Baseline Survey of all partners (7
CBVCTs, 14 public health
institutes, 7 research centres)
in 16 European countries

Questions on
-national monitoring of testing
- organisation-specific testing
monitoring
-Linkage to care monitoring
-Integration of CBVCT service
testing data

 **Integrate**

Results: European data sources

- Minimum metrics for HIV testing (*Tavoschi & Hale 2016*):
 - number of tests
 - basic demographic data of the tester (e.g. age, sex and population group)
 - location/setting of the test
 - number of reactive/positive tests
 - ✓ Recommended for Hepatitis in ECDC Public Health Guidance on testing (2018)
- Definitions
 - ✓ Linkage to care (*Croxford et al 2018*)
 - Patient seen for HIV care (first clinic attendance date/CD4 count/viral load measurement/treatment start) after diagnosis.
 - Prompt linkage to care: three month cut-off
 - ✓ Late presentation of HIV (*Antinori et al. 2011*) & hepatitis (*Mauss et al 2017*)
- Data from community does not always distinguish between reactive results and diagnosis

Results: European data sources

Recommended Indicators to Measure Testing by European Initiatives

Adapted from HIV in Europe 2017 Report

What data do they collect?	COBATEST Network	OptTEST/HIV in Europe	Testing Week
Disease(s)	HIV/ hepatitis C/ Syphilis	HIV	HIV / hepatitis
Setting	CBVCTs	Healthcare	All
Number of persons attending service	✓	✓	✓
Number of HIV tests performed	✓		
Reasons for HIV testing (e.g. risk behavior/factors)	✓		
Number of clients/patients offered test		✓	✓
Number of clients/patients accepting a test		✓	✓
Number of clients/patients reporting previous HIV test	✓		
Number of clients/patients with reactive screening result	✓	✓	✓
Number of clients/patients with reactive screening result who had a confirmatory test	✓		
Number of clients/patients with a positive confirmatory test result	✓		
Number of clients/patients linked to care	✓	✓	✓

Results: European data sources

Projects promoting collection of minimum set of testing variables

Adapted from HIV, Both ECDC and WHO

ECDC recommends collecting reactive results and confirmatory test results

Both ECDC and WHO guidelines recommend collecting number of tests

% of newly diagnosed individuals who are successfully transferred to care within three months (overall and by most-at-risk populations)

Indicators	Positivity rate
	Offer Rate
	Linkage to care rate

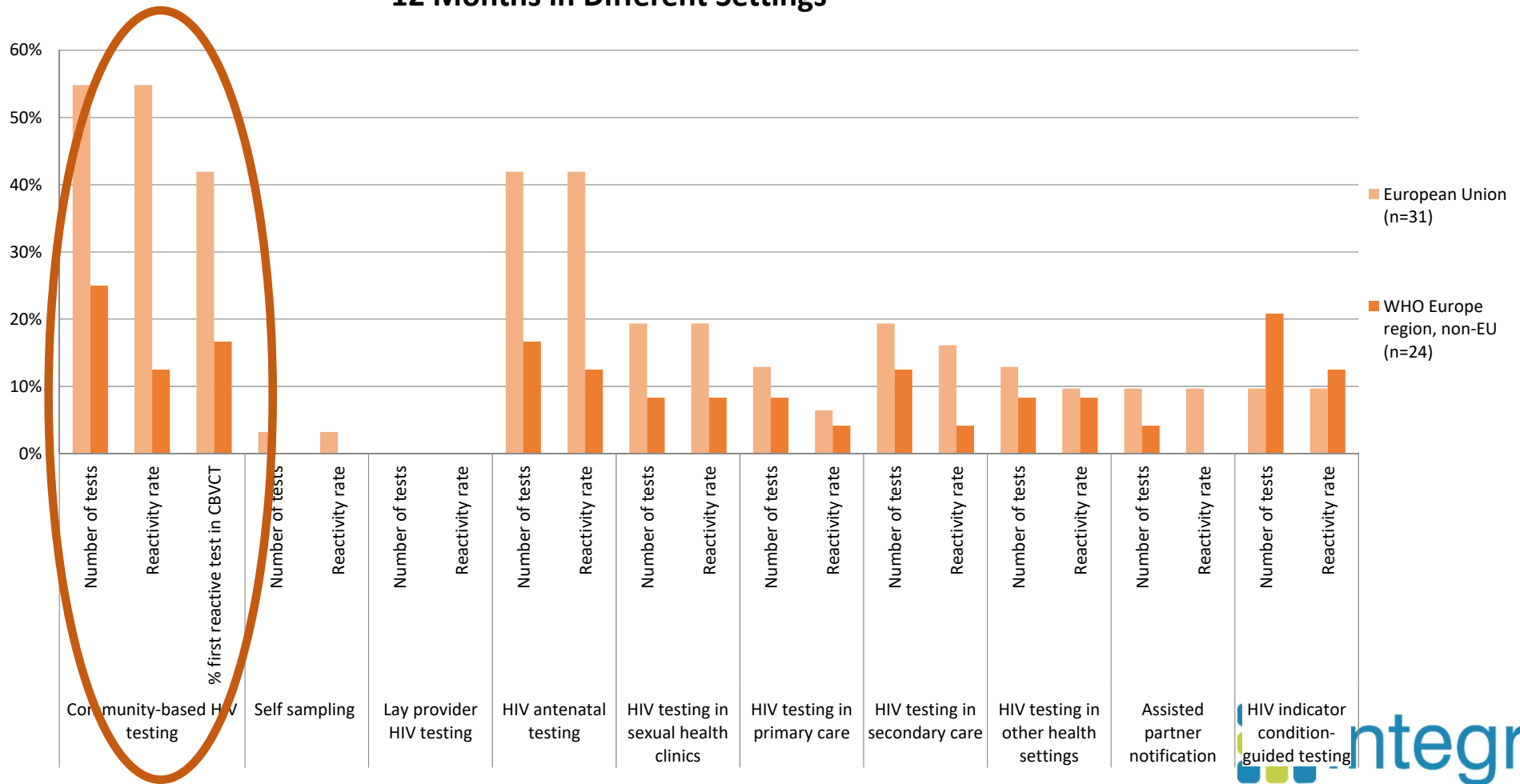
Number and % of newly diagnosed HIV-positive people enrolled in and receiving care (accessing HIV care or ART)
(Consolidated strategic info 2015)

	2010 Guidelines on HIV testing (ECDC)	2015 Consolidated Guidelines on HIV Testing Services (WHO)	2010 Monitoring the building blocks of health systems (WHO)	2011 Guide for M&E of national HIV testing programmes (WHO)
People seen at service				
	✓			✓
	✓			
		✓		
People with AIDS		✓		
People recently infected		✓		
	✓	✓	✓	✓
		✓		
				✓
				✓

Results: Dublin Declaration Monitoring 2018 HepHIV 2019

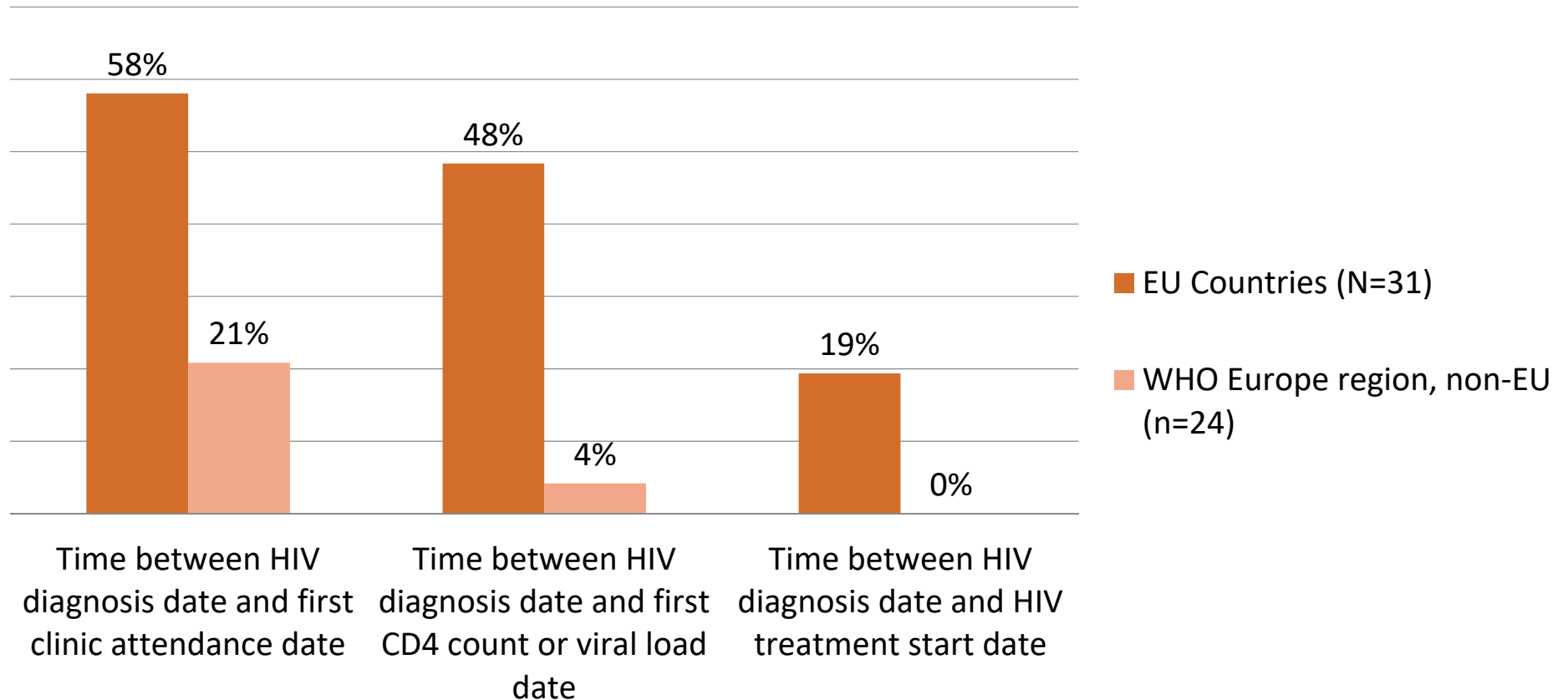
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Proportion of Countries who Report Number of Tests and Reactivity Rate for HIV Testing in Last 12 Months in Different Settings



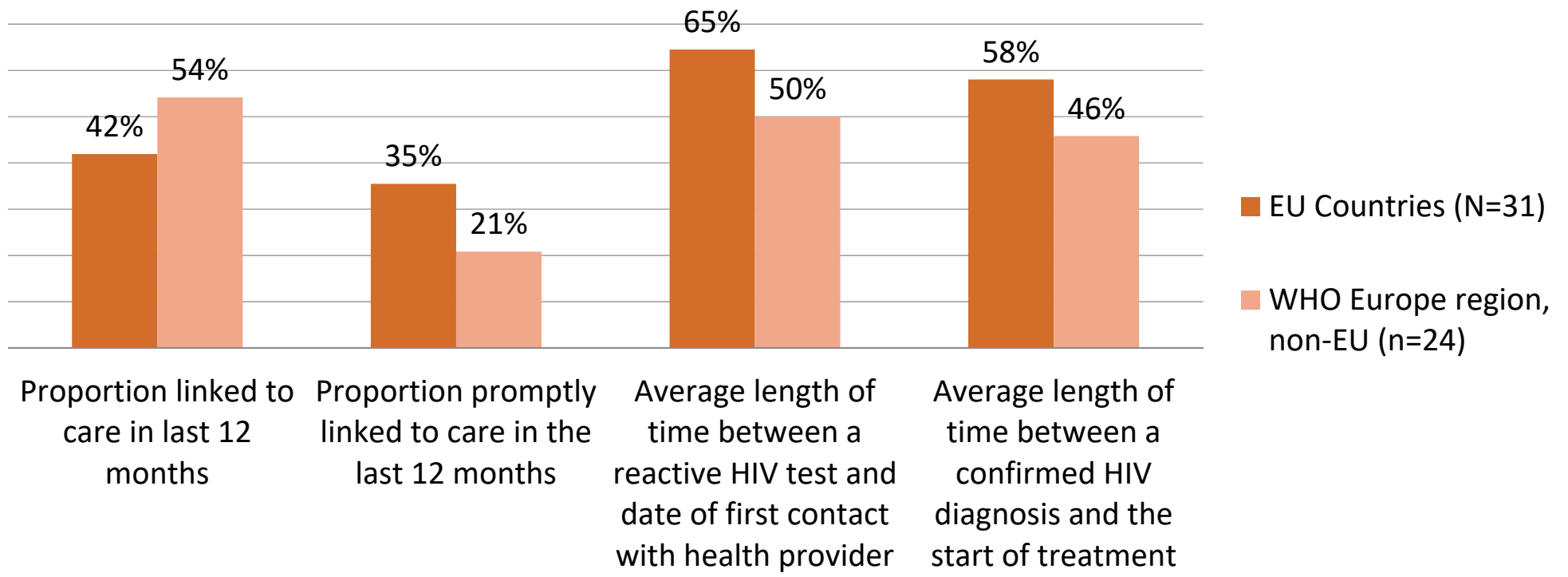
Results: Dublin Declaration Monitoring 2018

Proportion of Countries Using Each Data to Calculate Linkage to Care



Results: Dublin Declaration Monitoring 2018

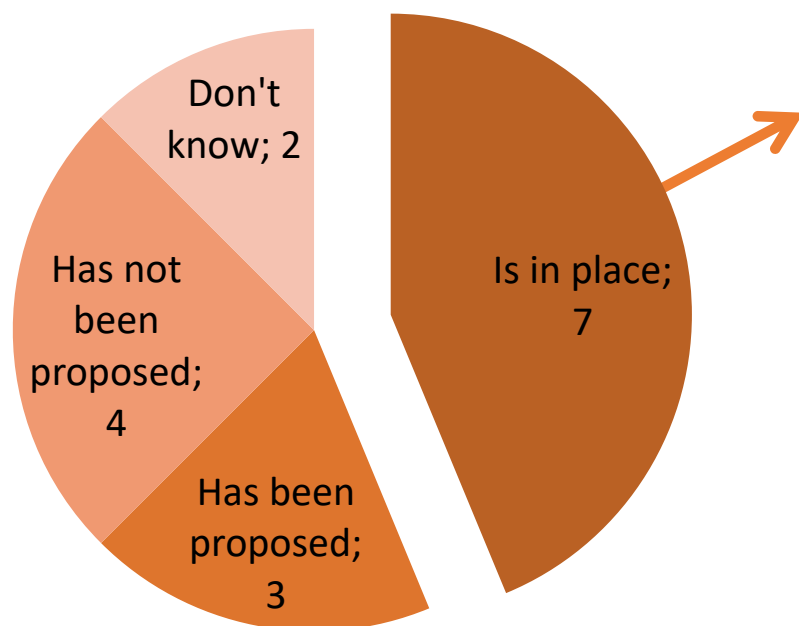
Proportion of Countries Who Report the Following Indicators Related to Linkage to Care for HIV Diagnoses



Results: INTEGRATE Partner survey

Integration of CBVCT data into national surveillance system

Integration of community testing data into the national surveillance system...

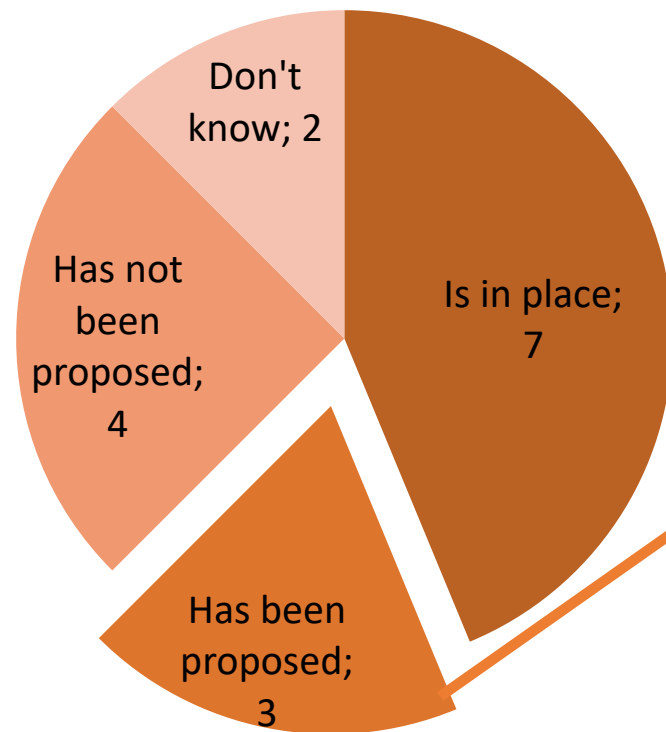


	Standardised indicators reported?	CBVCT data included in national or regional annual report	How often do CBVCTs report indicators to the national surveillance system?
Serbia	✓	✓	Immediately after testing
Portugal	✓	✓	Monthly
Croatia	✓	✓	Monthly
Lithuania	✓		Monthly
Malta	✓		Only reactive results
Spain	✓	✓	Annually
Poland			

Results: INTEGRATE Partner survey

Integration of CBVCT data into national surveillance system

Integration of community testing data into the national surveillance system...



Slovakia - Proposed recently at the IPH

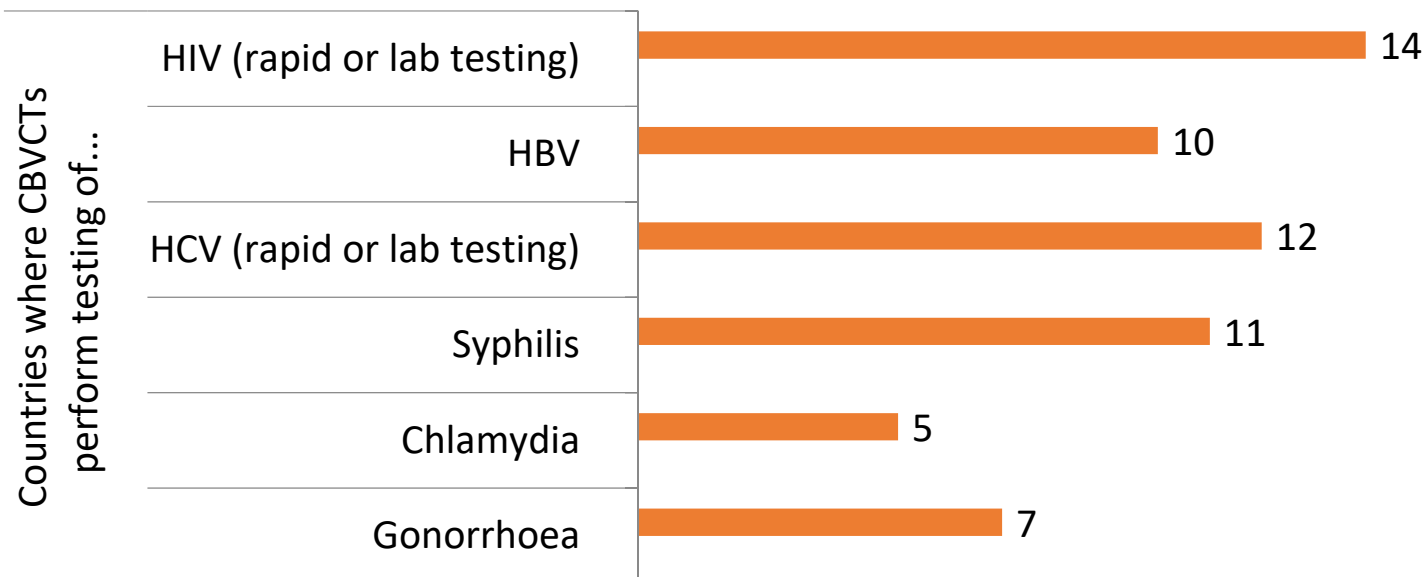
Slovenia – Pilot planned for Integrate

Italy - has been proposed at the level of the Ministry HIV advisory board and it is foreseen by the new HIV national plan (PNAIDS) but still nothing confirmed

Results: INTEGRATE Partner survey

Testing of different diseases in CBVCTs

Partners in 16 countries responded
Testing performed in CBVCTs in 14 countries



Lay providers allowed to perform testing in:

- Portugal
- Spain
- Italy
- Hungary
- Romania
- Poland
- Slovakia

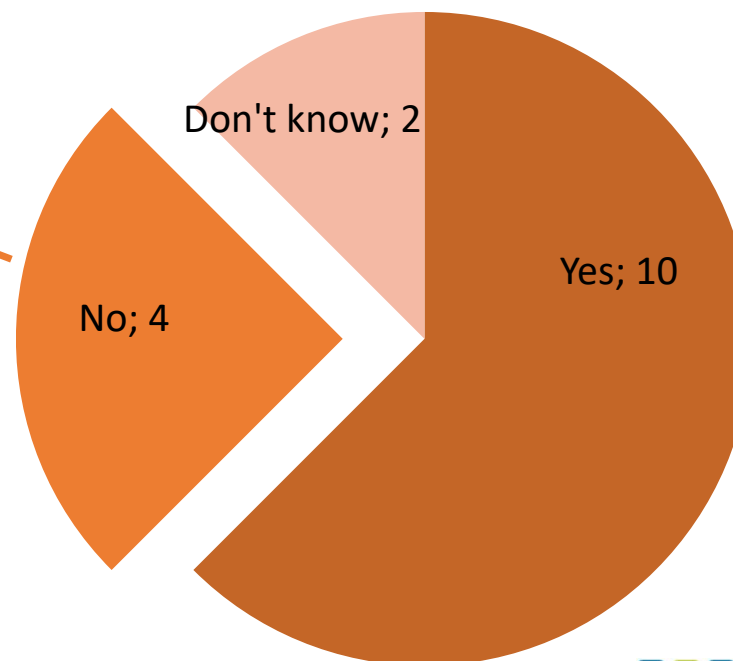
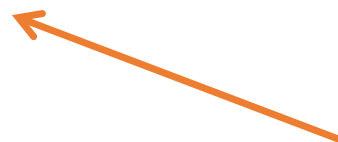
INTEGRATE Partner survey

Monitoring linkage to care by CBVCTs

Does collaboration exist between community testing services and treatment services to record linkage to care?

Barriers to monitoring linkage to care

- Definition of linkage to care
- Collecting quality data
- Lack of unique identifiers
- Relationships between institutions
- Parallel data collection systems
- IT infrastructure



Conclusions

- Completeness of testing and linkage to care data vary across Europe
- HIV testing data more complete than testing data for other diseases
- Multiple barriers to monitoring linkage to care, particularly in community setting
- Still work to be done on integration of community-based testing data into national surveillance and M&E systems
- Initiatives (COBATEST, Testing Week) working to standardise testing monitoring processes and indicators – opportunity to integrate existing testing M&E data into national surveillance and M&E systems