Results from 2017

Anna Conway

COBATEST Annual Meeting May 2018

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COBATEST Network 2017

- 36 members in 16 countries

- 22 members using the COBATEST data collection tool

- New website and updated data collection tool

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Barriers to Data Collection

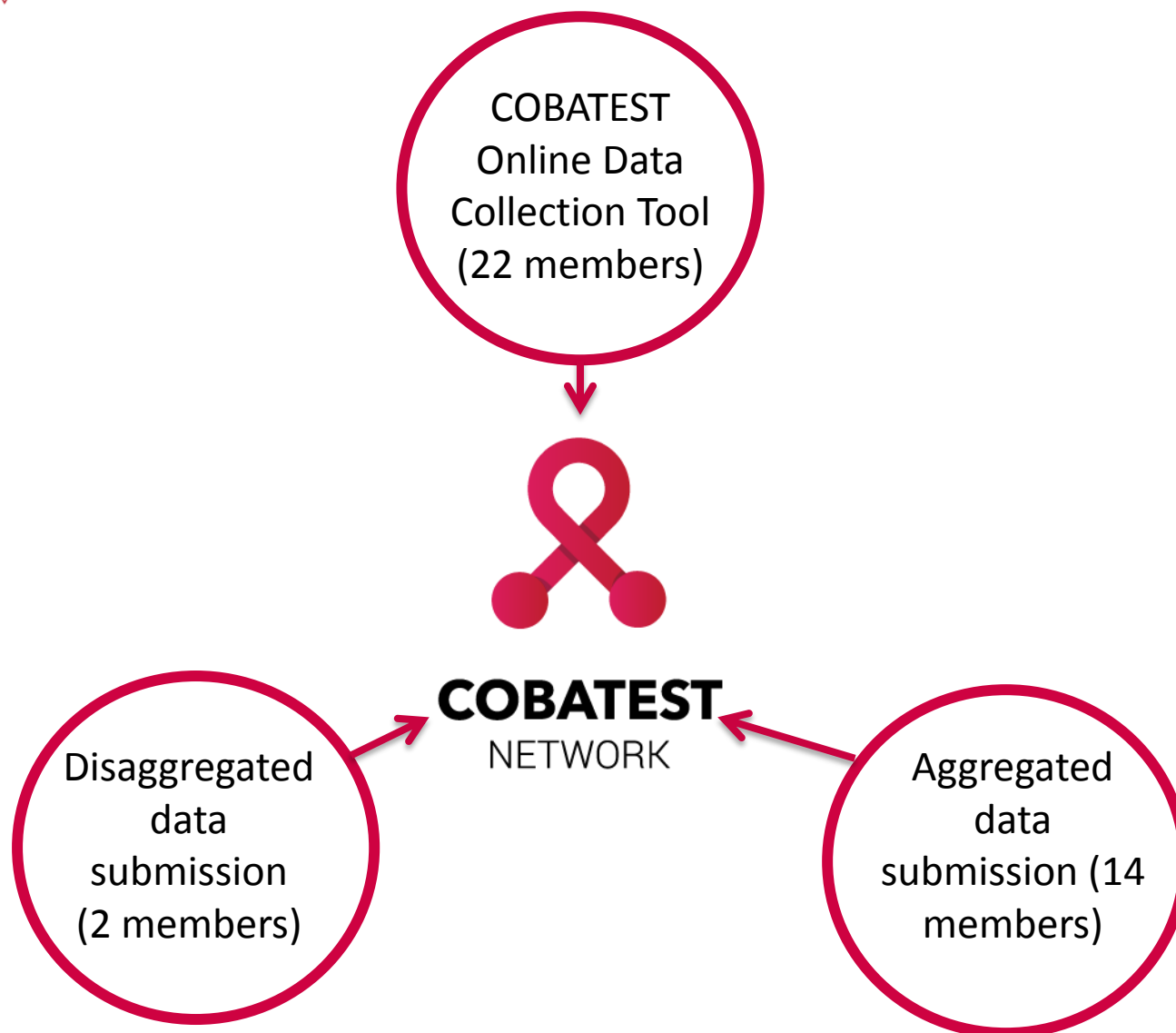- Countries' legal context
- Lack of resources
- Conflicting data collection requirements
- New members beginning to integrate COBATEST data collection requirements
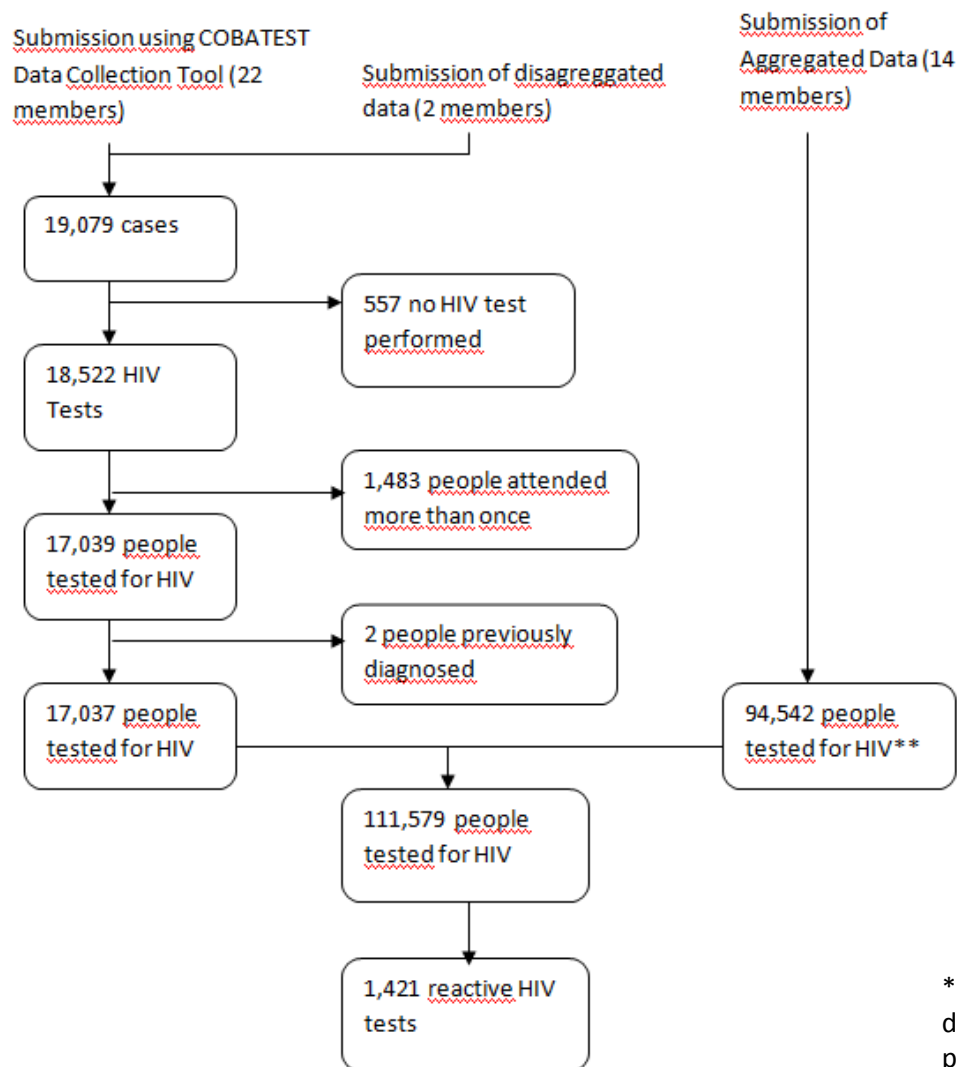
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Data Collection - Methods

COBATEST Online Data Collection Tool (22 members)

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Disaggregated data submission (2 members)

Aggregated data submission (14 members)

Data Collection - Methods

- Only include people who had a test (HIV/HCV/Syphilis)

- In the case that a person attends more than once consider their most recent consultation

- Exclude people previously diagnosed (unless linked to healthcare in their country by CBVCT)

- Count persons tested as far as possible (three members only submit data on number of tests)
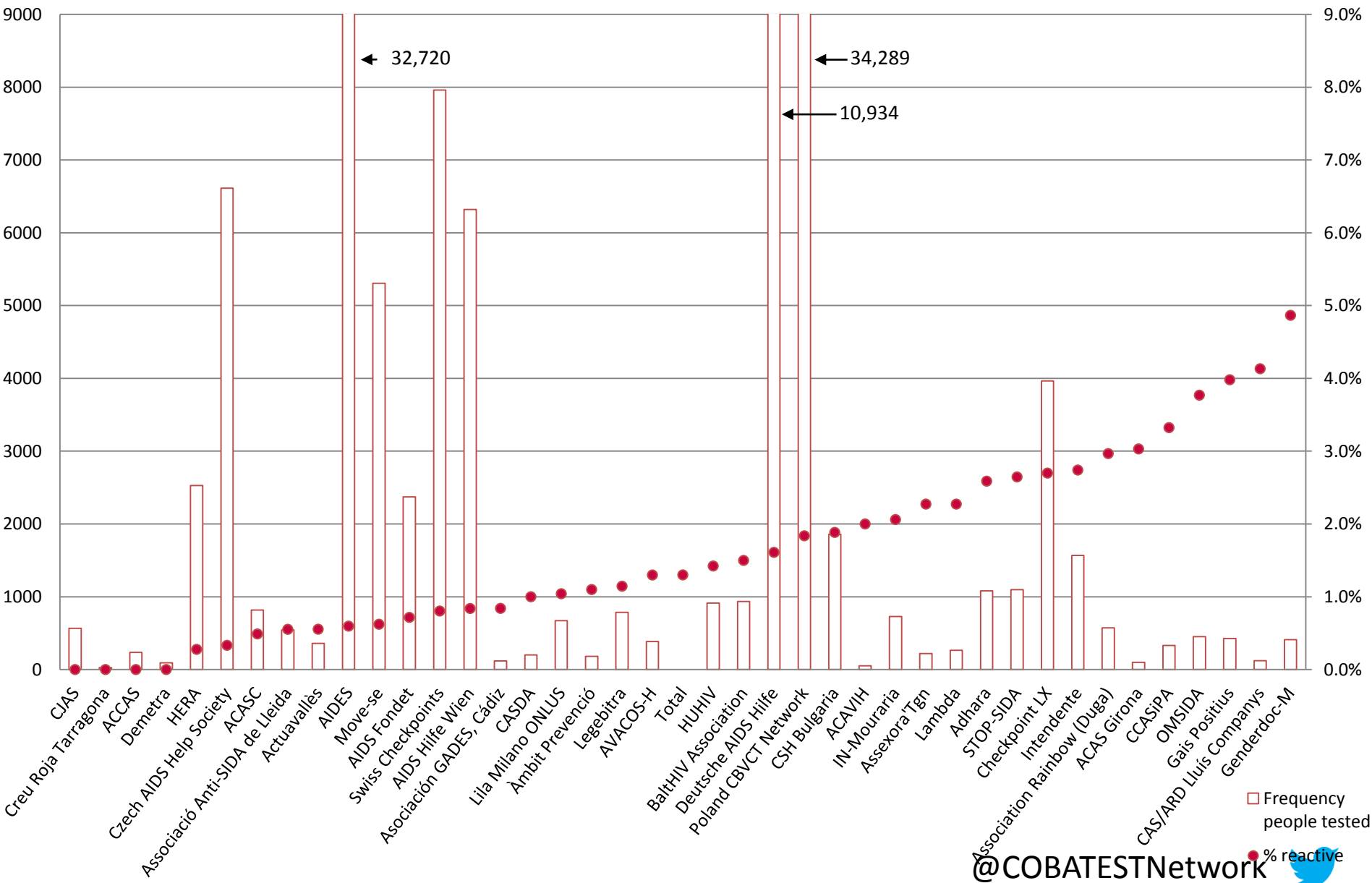
Data Collection - Methods

Submission using COBATEST Data Collection Tool (22 members)

Submission of disaggregated data (2 members)

Submission of Aggregated Data (14 members)

19,079 cases

557 no HIV test performed

18,522 HIV Tests

1,483 people attended more than once

17,039 people tested for HIV

2 people previously diagnosed

17,037 people tested for HIV

94,542 people tested for HIV**

111,579 people tested for HIV

1,421 reactive HIV tests

**Three centres submitted data on tests performed, not people tested

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Results - Summary

Chart annotations: 32,720 · 34,289 · 10,934

Legend: Frequency people tested · % reactive

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Results - Summary

32,720

34,289

10,934

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□ Frequency people tested
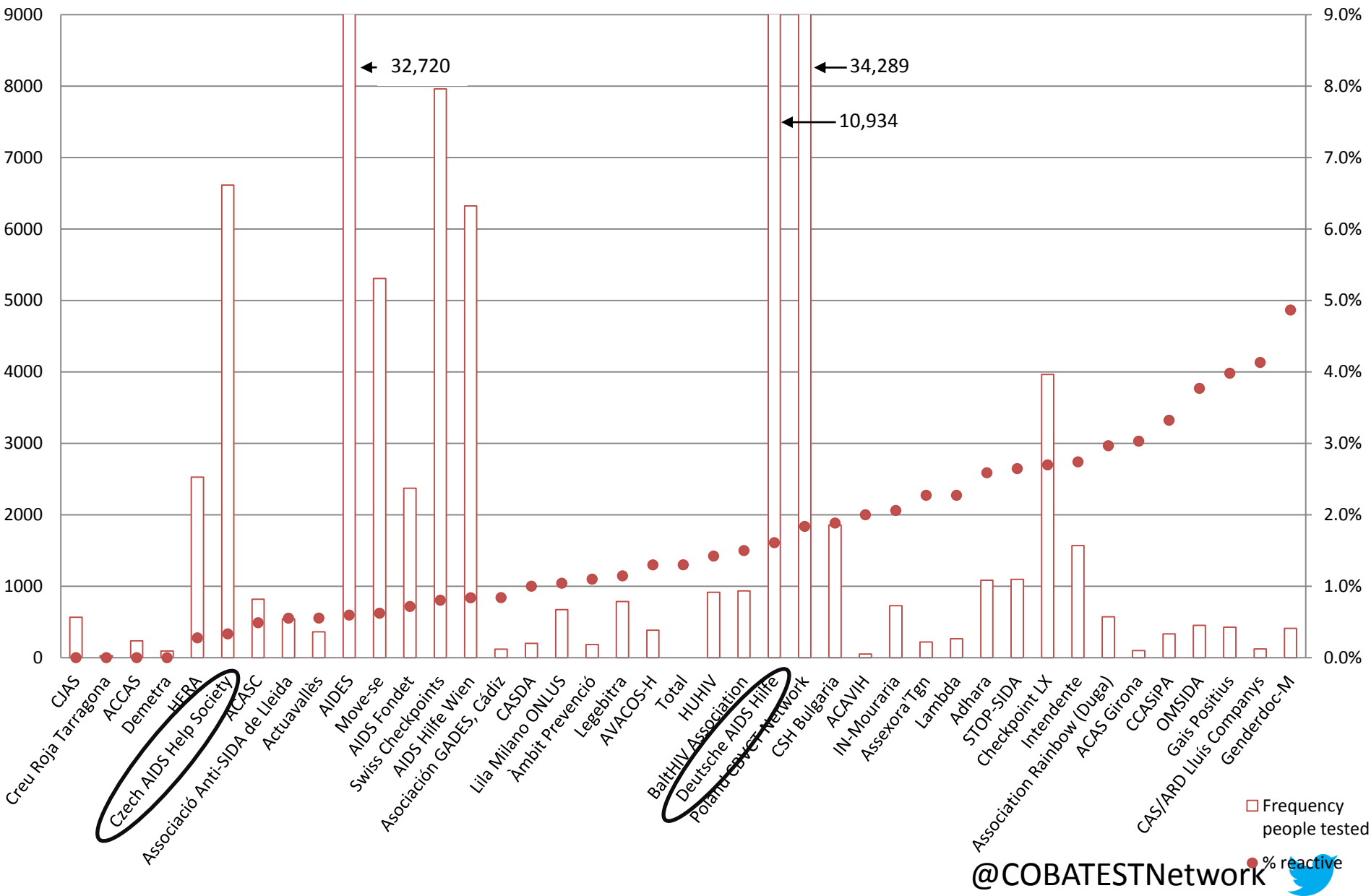
● % reactive

Results – Summary HIV Tests

		Total N	Reactive n	Reactive %
Persons tested		111,579	1,421	1.3%
Age Group	<25	27,227	207	0.8%
	≥25	77,186	1,114	1.4%
	Missing	6,601	61	0.9%
Gender	Male	79,440	1,221	1.5%
	Female	31,462	170	0.5%
	Transgender	251	18	7.2%
	Missing	10	0	0.0%
Migrant	Yes	21,464	318	1.5%
	Missing	6,127	51	0.8%
At-risk group	PWID	2,988	46	1.5%
	MSW	1,352	37	2.7%
	FSW	2,340	17	0.7%
	TSW	203	17	8.4%
	MSM	40,540	903	2.2%
Previous HIV test		67,888		
TestLast12Months		24,046		
Test in 12 months in this CBVCT		9,003		

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Results – CBVCT1
Number of clients tested for HIV with a screening test

	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM*	40,540	40,373		167	9,021	28,915
SW	4,023	1,352	2,340	203	1,126	2,863
PWID	2,988	2,456	521	1	526	2,448
Migrants	21,464	14,280	6,860	194	4,755	16,078
All	111,579	79,440	31,462	251	27,227	77,186

*Men who have sex with men and transgender people who have sex with men

Results – CBVCT2
Proportion of clients who reported to have been previously tested for HIV

$$\frac{\text{Number of clients who reported to have been previously tested for HIV}}{\text{Number of clients tested for HIV with a screening test}} \times 100$$

	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM	80.3%	80.3%			66.2%	85.5%
SW	75.7%	76.1%	73.3%	88.2%	76.5%	75.5%
PWID	72.8%	74.0%	66.6%	100.0%	59.5%	75.7%
Migrants	67.7%	66.9%	68.5%	90.7%	52.4%	73.1%
All	60.8%	65.8%	48.3%	85.3%	44.9%	66.8%

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Results – CBVCT3

Proportion of clients who reported to have been tested for HIV during preceding 12 months

$$\frac{\text{Number of clients who reported to have been tested for HIV in previous 12 months}}{\text{Number of clients tested for HIV with a screening test}} \times 100$$

	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM	36.9%	36.8%		64.1%	31.3%	41.4%
SW	44.1%	47.2%	39.7%	58.1%	40.6%	45.4%
PWID	20.9%	21.6%	16.5%	100.0%	12.9%	22.6%
Migrants	32.9%	33.8%	29.9%	57.2%	30.2%	34.8%
All	21.6%	24.9%	12.6%	54.6%	18.3%	24.4%

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Results – CBVCT4

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

$$\frac{\text{Number of clients who reported to have been tested for HIV in previous 12 months in same CBVCT facility}}{\text{Number of clients tested for HIV with a screening test}} \times 100$$

	All	Male	Female	Transgender	<25 years old	≥25 years old
MSM	13.9%	13.8%		26.9%	12.0%	15.3%
SW	20.2%	18.3%	19.6%	22.2%	20.1%	20.3%
PWID	9.2%	9.7%	5.4%		4.2%	10.3%
Migrants	13.2%	13.6%	11.6%	22.7%	11.1%	14.2%
All	8.1%	9.3%	4.6%	21.9%	6.4%	9.0%

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Results – CBVCT5
Proportion of clients with reactive screening HIV test result

$$\frac{\text{Number of clients with a reactive screening test}}{\text{Number of clients tested for HIV with a screening test}} \times 100$$

	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM	2.2% n=903	2.2% n=888		9.0% n=15	1.7% n=153	2.3% n=675
SW	2.0% n=81	2.7% n=37	0.7% n=17	8.4% n=17	1.7% n=19	2.2% n=62
PWID	1.5% n=46	1.6% n=39	1.3% n=7	0.0% n=0	0.6% n=3	1.7% n=42
Migrants	1.5% n=318	1.5% n=220	1.0% n=71	8.8% n=17	0.9% n=44	1.7% n=266
All	1.3% n=1421	1.5% n=1221	0.5% n=170	7.2% n=18	0.8% n=207	1.4% n=1115

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Results – CBVCT6

Proportion of clients with reactive screening HIV test result who were tested with confirmatory HIV test

$$\frac{\text{Number of clients with reactive screening test who were tested with confirmatory HIV test}}{\text{Number of clients with a reactive HIV screening test}} \times 100$$

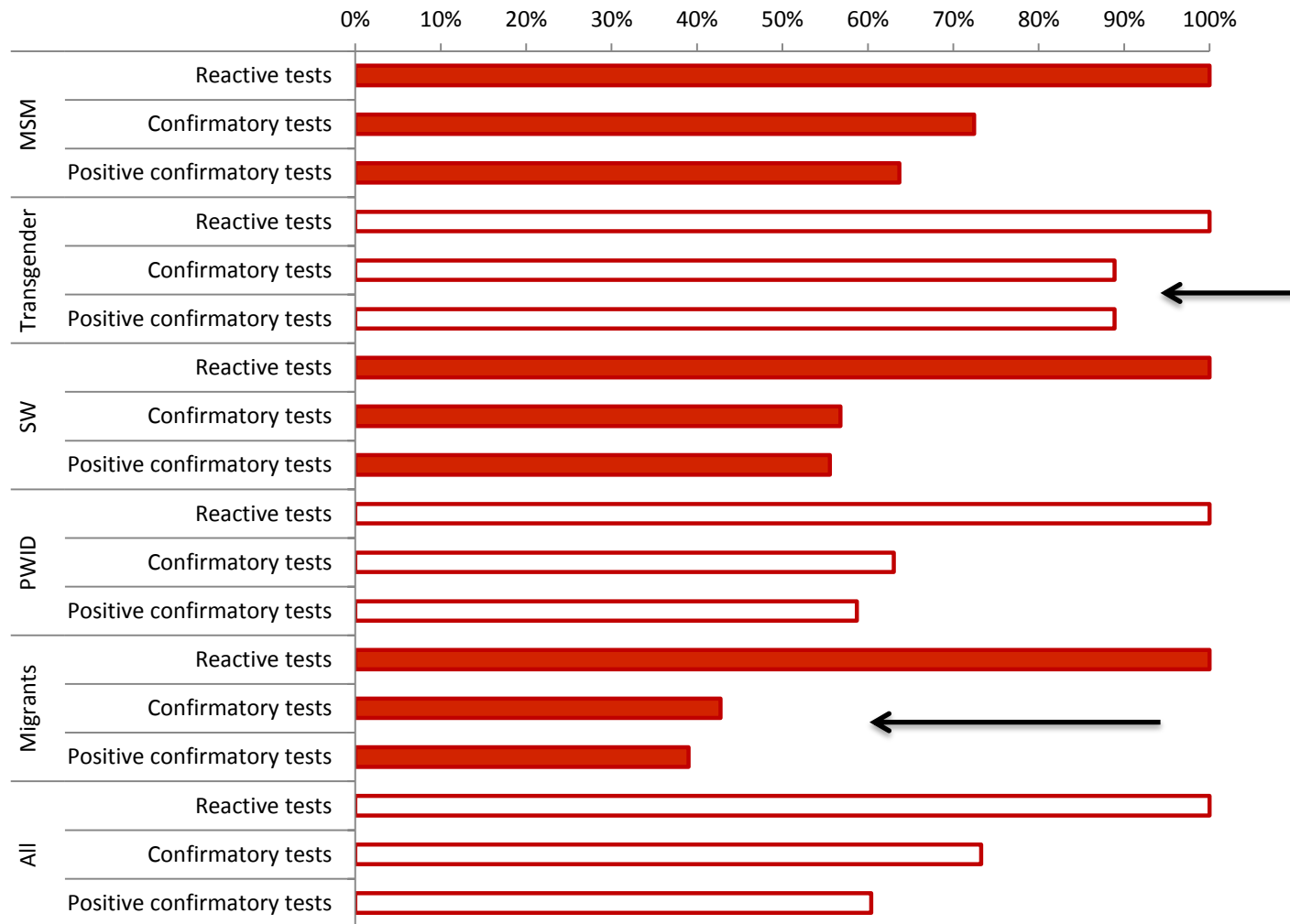|	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM	72.4%	72.2%		86.7%	78.4%	71.9%
SW	56.8%	54.1%	47.1%	88.2%	57.9%	56.5%
PWID	63.0%	61.5%	71.4%		100.0%	59.5%
Migrants	42.8%	40.0%	43.7%	88.2%	45.5%	41.4%
All	73.3%	74.7%	64.7%	88.9%	78.3%	73.1%

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Results – CBVCT7

Proportion of clients with positive confirmatory HIV test result

$$\frac{\text{Number of clients with positive confirmatory HIV test}}{\text{Number of clients tested for HIV with a screening test}} \times 100$$

	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM	1.4%	1.4%		7.8%	1.2%	1.5%
SW	1.1%	1.5%	0.3%	7.4%	1.0%	1.2%
PWID	0.9%	0.9%	0.8%	0.0%	0.6%	0.8%
Migrants	0.6%	0.6%	0.4%	7.7%	0.4%	0.6%
All	0.8%	1.0%	0.2%	6.4%	0.5%	0.9%

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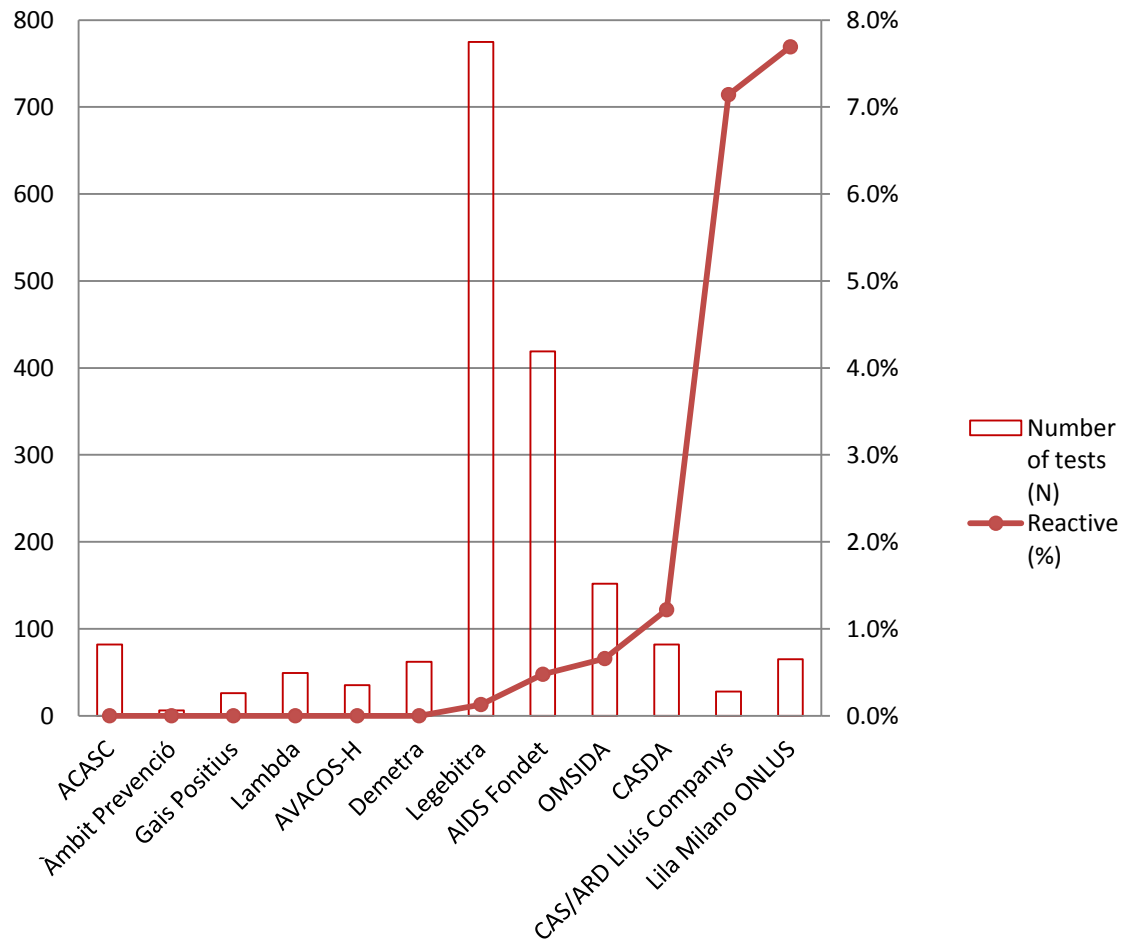# Results – reporting gaps?

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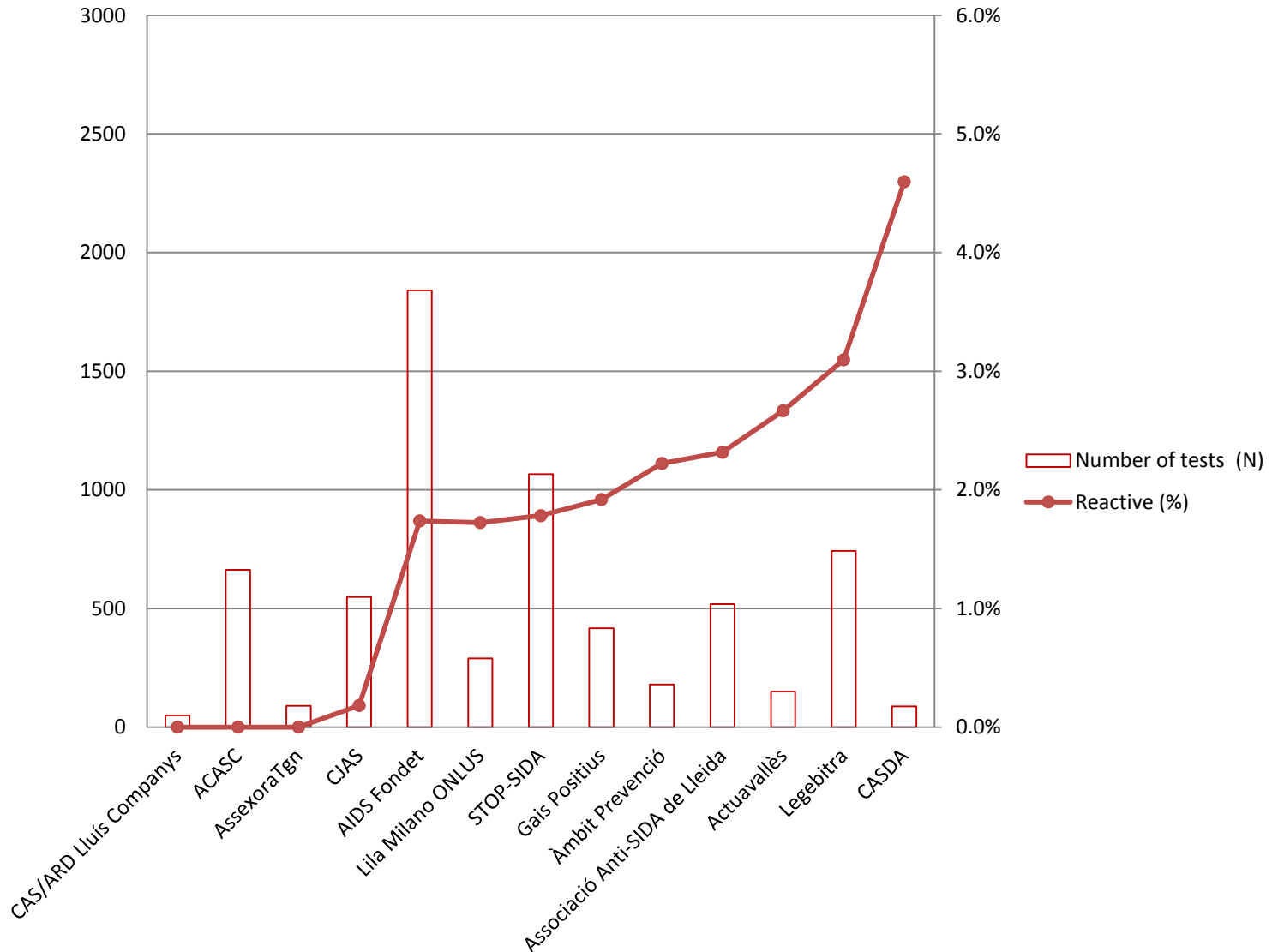# Number of Clients Needed to Test to Find a Positive HIV Result

$$\frac{\text{Number of clients tested}}{\text{Number of clients with positive confirmatory HIV test}}$$

	All	Males	Females	Transgender	<25 years old	≥25 years old
MSM	70.5	71.8		12.8	82.8	68.4
SW	89.4	67.6	334.3	13.5	102.4	84.2
PWID	110.7	106.8	130.3		175.3	122.4
Migrants	173.1	180.8	245.0	12.9	264.2	157.6
All	130.0	102.6	484.0	15.7	209.4	113.5

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Results - HCV Screening

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Results – Syphilis Screening

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Conclusions

- Average proportion of reactive HIV tests 1.3%
- Large proportions of clients report previous HIV testing but few from key populations are following the recommendations on routine testing
- Targeted testing strategies could improve effectiveness of services
- Issues with data collection of confirmatory tests
- More members offering HCV /Syphilis testing (and others)
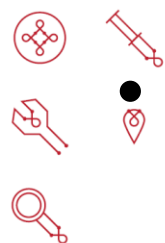
Recommendations

- Implementation of recommendations in "Quality of HIV Testing Data" report should be implemented

- National surveillance systems should take advantage of this source of data

- Data collection of transgender clients and HCV/syphilis/other testing should be improved

- Evaluation of how to better incorporate services that do not use unique identifiers