

bcn checkpoint

HIV-AIDS ▪ STI ▪ SEXUALITY ▪ MEN ▪ HEALTH

BCN Checkpoint: High Efficiency in HIV Detection and Linkage to Care

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Projecte dels NOMS-Hispanosida ▪ www.bcncheckpoint.com

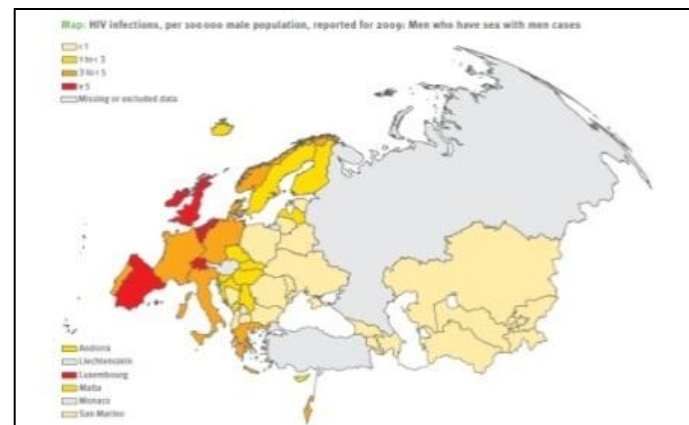
HIV in Europe

Working Together for Optimal Testing and Earlier Care

Copenhagen, March 19th 2012

Background

- Significant MSM community in Barcelona
- High HIV prevalence and incidence in MSM
- High Community Viral Load
- New HIV infections cause more new HIV infections
- Group traditionally oppressed and marginalized
- Denial of sex education
- Lack of adequate health care
- Early detection of HIV (individual & collective impact)
- Peer counseling for MSM



Number & incidence rates in 2008

Group of transmission*	Number of new infections	Incidence rate / 100,000 py
Heterosexual		
French women	810	4
French men	1 140	6
Foreign women	940	54
Foreign men	660	35
IDUs	70	91
MSM	3 320	1 006
All	6 940	17

* Sources for 18-69 years population sizes: Insee (National census) ; Inserm, Ined (Population-based behavioral study) ; OFDT (National behavioral study)

**SHOCKING?
FOR WHO?**

HOMOPHOBIA

The first barrier for prevention, diagnosis and medical attention in HIV

Homossexuality is seen in over 450 animal species. Homophobia is seen in only one.

International Day Against Homophobia
May 17th

A Fondation Émergence campaign

www.homophobiasday.org

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History

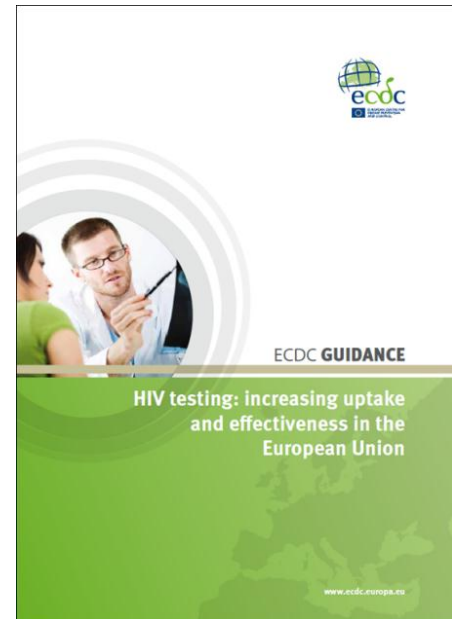
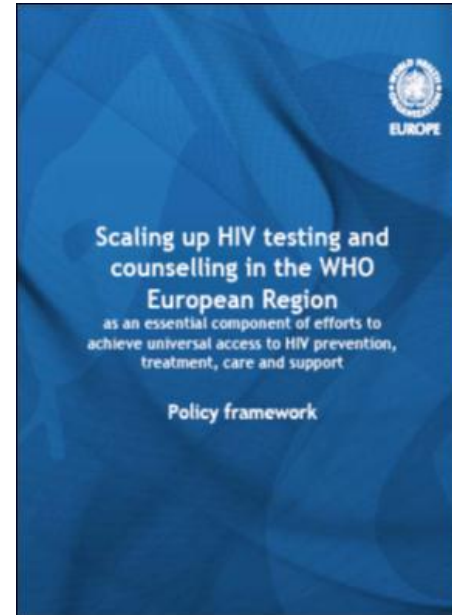
- Hispanosida established in 2004 the 20th of October as the **National HIV Testing Day** in Spain
- **BCN Checkpoint** was created in 2006 by Hispanosida
- BCN Checkpoint introduced the use of HIV rapid tests in **non-clinical settings** for the first time in Spain



Five-year Experience

The experience of BCN Checkpoint has served for:

- The implementation of similar projects in Europe: France, Portugal, Serbia...
- Recommendations of HCT in CBO's in international guidelines of scaling up HIV testing in Europe





Services

- HIV and Syphilis rapid testing
- Peer counseling
- Referral to Public Health Centres (HIV hospital units or STI Clinics)
- Hepatitis A and B vaccination
- Complete STIs screening for MSM (higher risk within a study: HIV, syphilis, chlamydia, gonorrhea, HAV, HBV, HCV, HPV, anal cytology)

Community Research

- First and only HIV negative MSM cohort in Spain
- The Check-ear Study (commitment with the HIV vaccine research)

itaca

HIV NEGATIVE MSM COHORT STUDY FOR EARLY DIAGNOSIS OF HIV AND OTHER STIs AND THEIR DETERMINANTS



check-ear és un projecte que es duu a terme a **BCN Checkpoint** i que ofereix cribratges periòdics i tractament de les ITS a homes gais i altres homes que tenen relacions sexuals amb homes, amb una vida sexual intensa i amb més probabilitats d'infectar-se.
Informa't acudint personalment a **BCN Checkpoint** (Carrer Bornef 164-166, Barcelona) o trucant al telèfon **933 182 056**.
Podries beneficiar-te regularment de controls de les ITS de forma gratuïta i amb total confidencialitat.

Objective

To assess the efficiency of BCN Checkpoint
in HIV detection and linkage to care

Methods

HIV Negative:

- Counseling for risk perception and reduction
- Education to avoid discriminatory attitudes towards HIV positive men within the MSM community
- Invitation to repeat the test at least every 12 months (*and whenever necessary*)

HIV Positive:

- Western Blot test (confirmatory)
- Immediate emotional support
- Linkage to care

Methods

Linkage to care:

- Medical appointment in an HIV unit
- Catalan Health Insurance Card to be able to access the Public Health System; Legal support for obtaining residence in Spain
- Post-test peer counseling for further emotional support and treatment issues

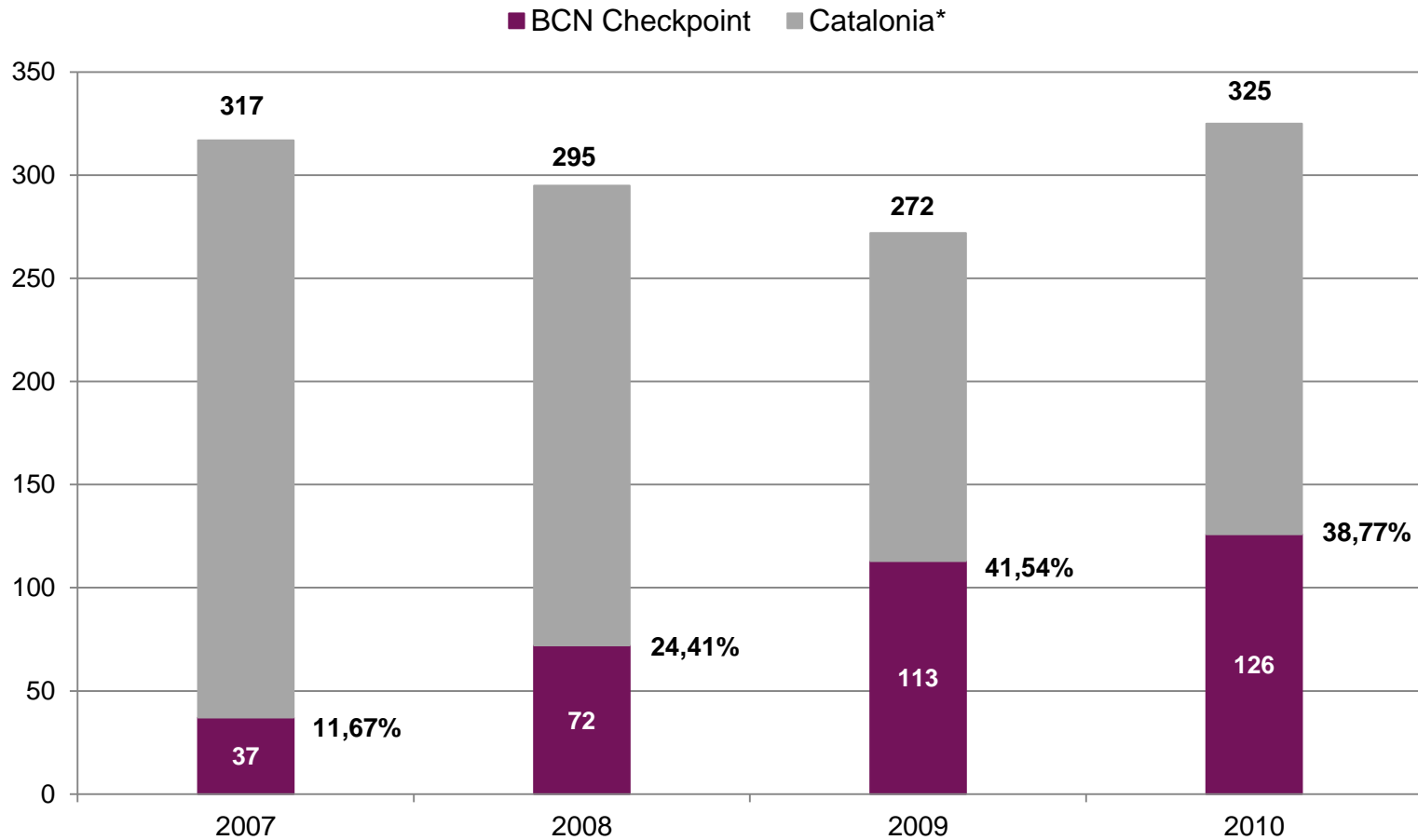
Results

HIV positivity rates (2007–2011)				
Year	Number of tests	Persons tested	HIV reactive*	%
2007	1.098	951	37	3,89%
2008	1.272	1.162	72	6,20%
2009	2.483	2.197	113	5,14%
2010	3.453	2.896	126	4,35%
2011	3.962	3.198	132	4,13%
Total	12.268		480	

* False positives excluded

Impact of BCN Checkpoint

Proportion of HIV Cases reported in MSM in Catalonia

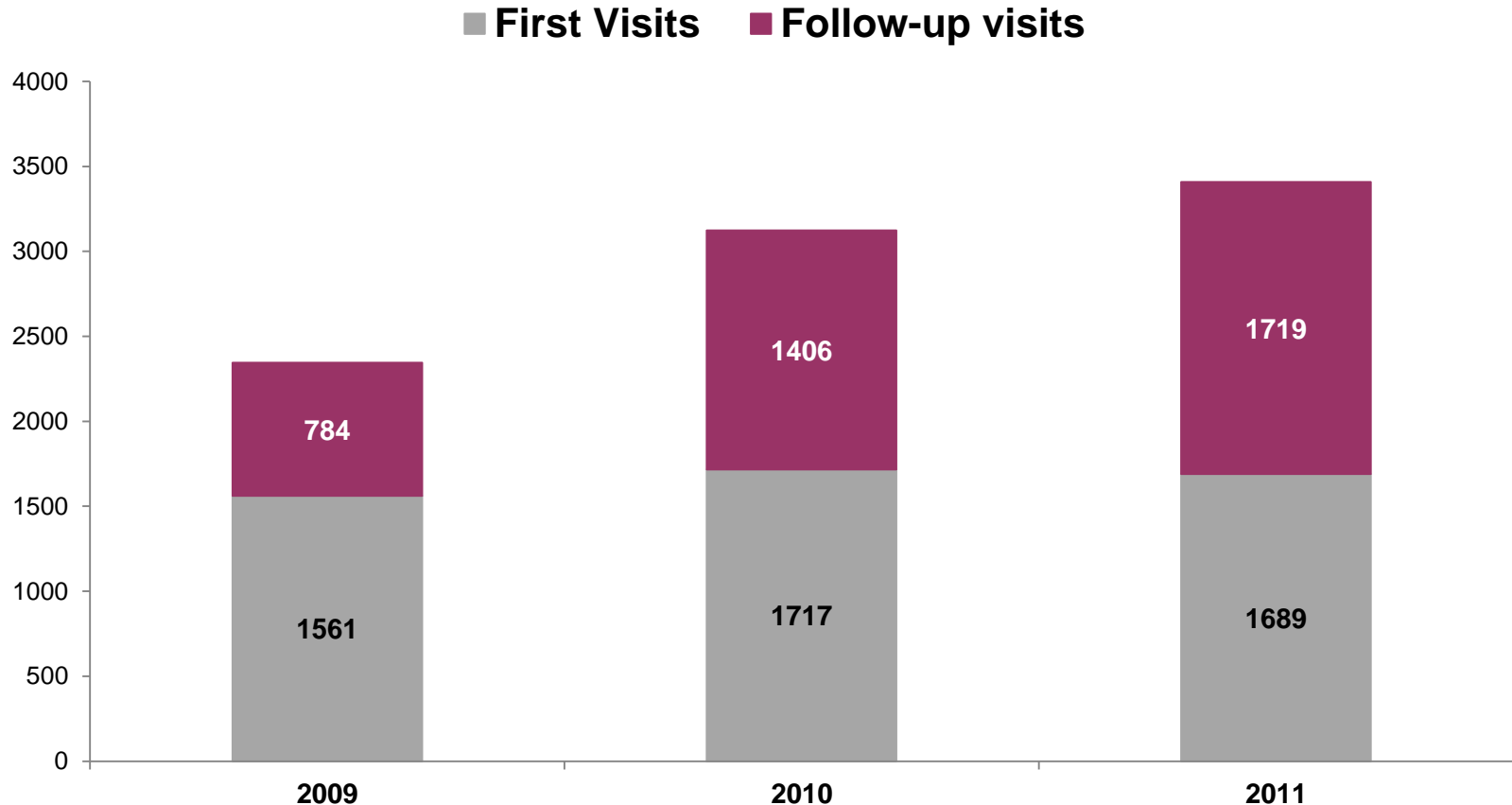


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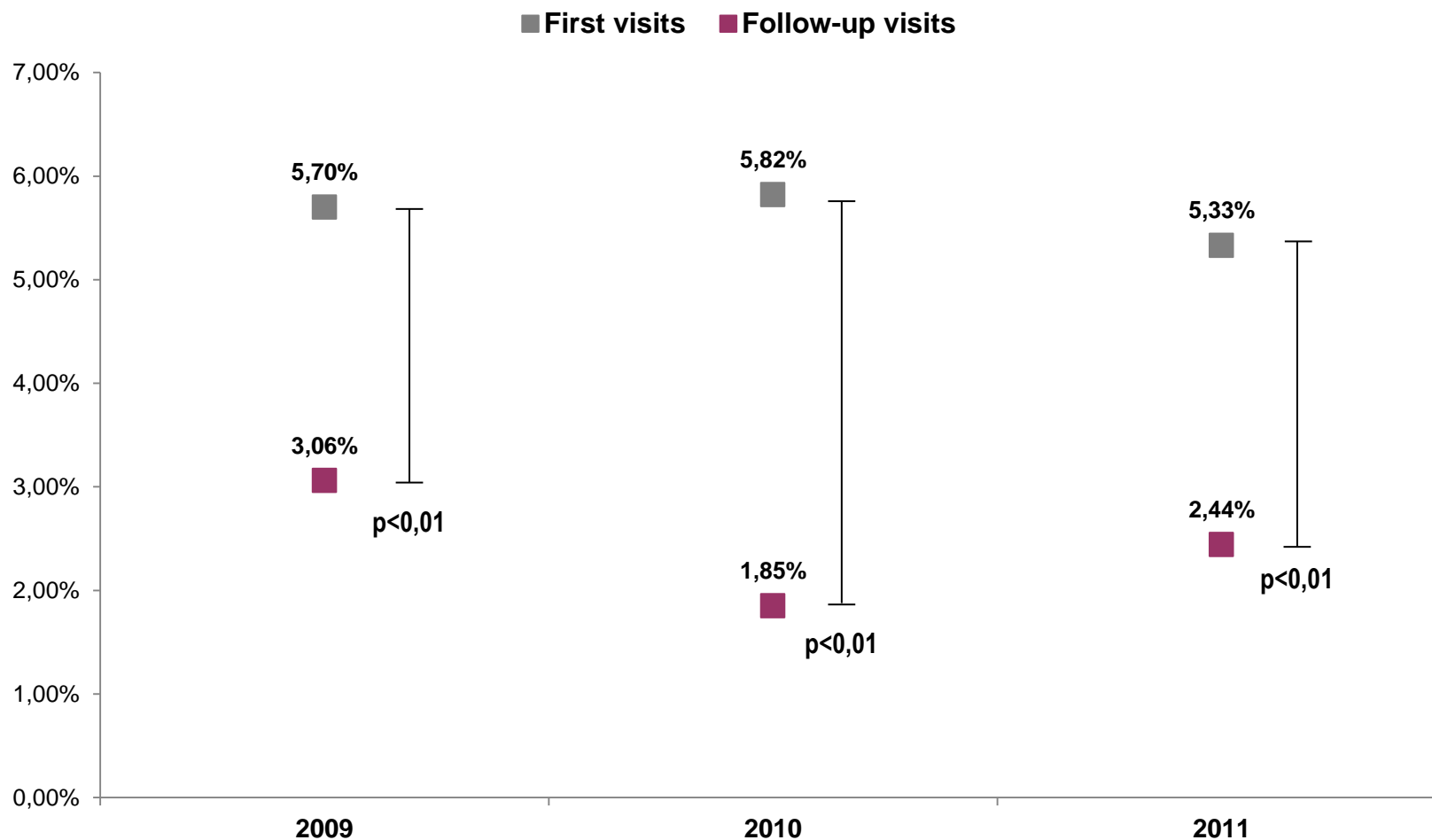
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Population profile (2009–2011)



Follow-up visits: to have been tested & counseled for HIV before in BCN Checkpoint anywhere from 2006 to 2011

Positivity rates in first visits and follow-up visits (2009–2011)



Discussion

Why these differences?

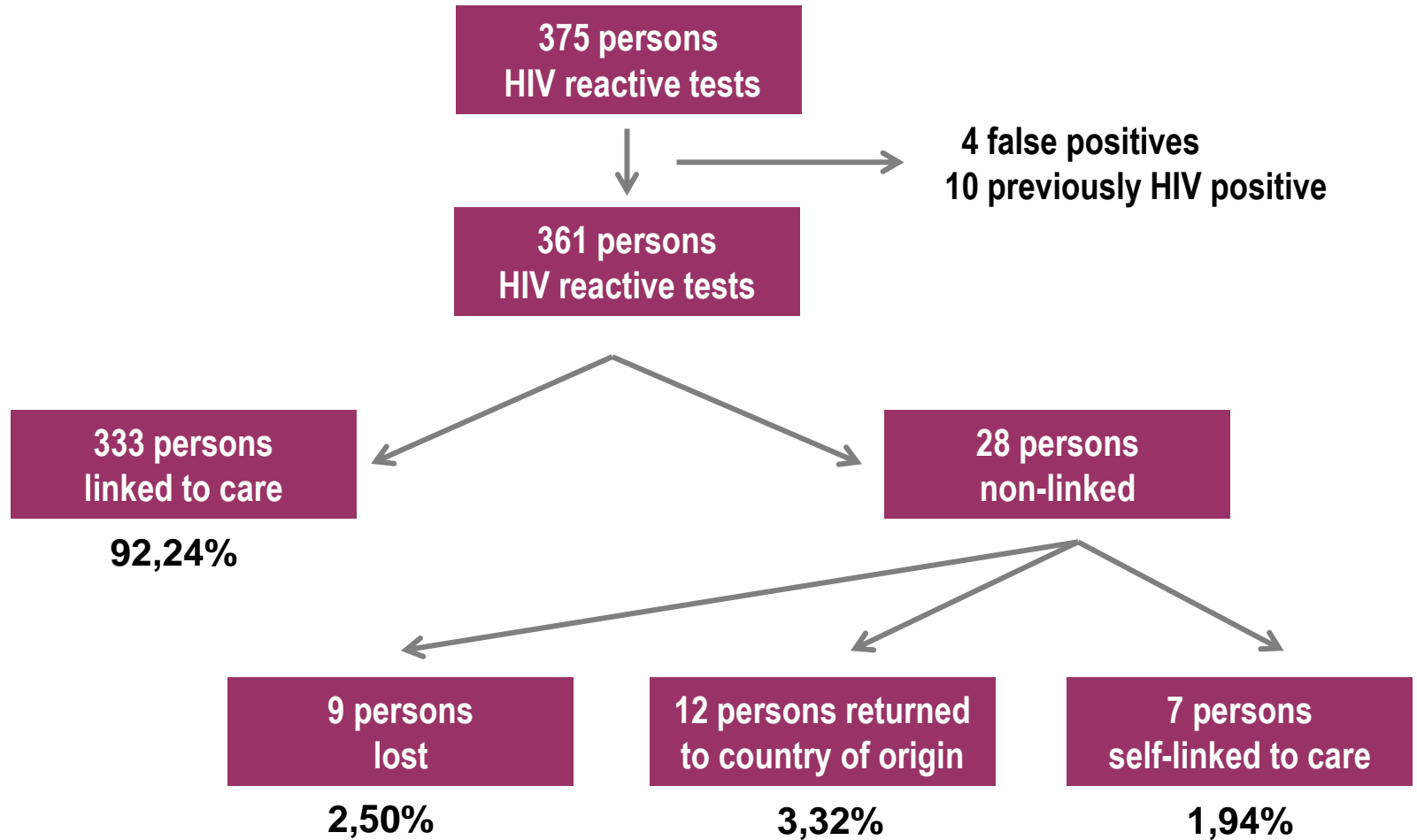
- Having done an HIV test before with negative result?
- Doing regularly an HIV test?
- Receiving counseling with the HIV test?
- Coming to BCN Checkpoint?
- Other factors or a combination of these factors?

Are these differences just a short-term effect?

Results

Linkage to care

Linkage to HIV Unit (2009-2011)



Australia, Germany, Italy, Mexico,
Norway, Portugal, Switzerland,
United Kingdom

Linkage to HIV unit (2011)

Time from detection to linkage	%
≤ 7 days	31,53%
8 – 14 days	18,92%
15 – 21 days	21,62%
22 – 28 days	11,71%
≥ 29 days	16,22%
Total	100%

Linkage to care of 83,78 % in less than **4 weeks**

Summary

- ▶ BCN Checkpoint shows high efficiency in HIV detection:
 - Small number of tests achieve an high positivity rate
 - Increase in the absolute number of HIV cases over the years
 - Significant proportion of HIV cases in BCN Checkpoint regarding reported cases among MSM in Catalonia
- ▶ Significant higher positivity rate of people coming for the first time to BCN Checkpoint comparing with those who visited the centre before
- ▶ Linkage to care was achieved in 92,2% of the cases detected in BCN Checkpoint; Only 2,5% of the detected cases were lost
- ▶ An appointment within 4 weeks with an HIV unit was made in more than 80% of the cases

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