



THIS IS IT!

IHBSS National Dissemination Forum
11 December 2009
Heritage Hotel, Manila



THIS IS IT! NEC TALKS ON HIV



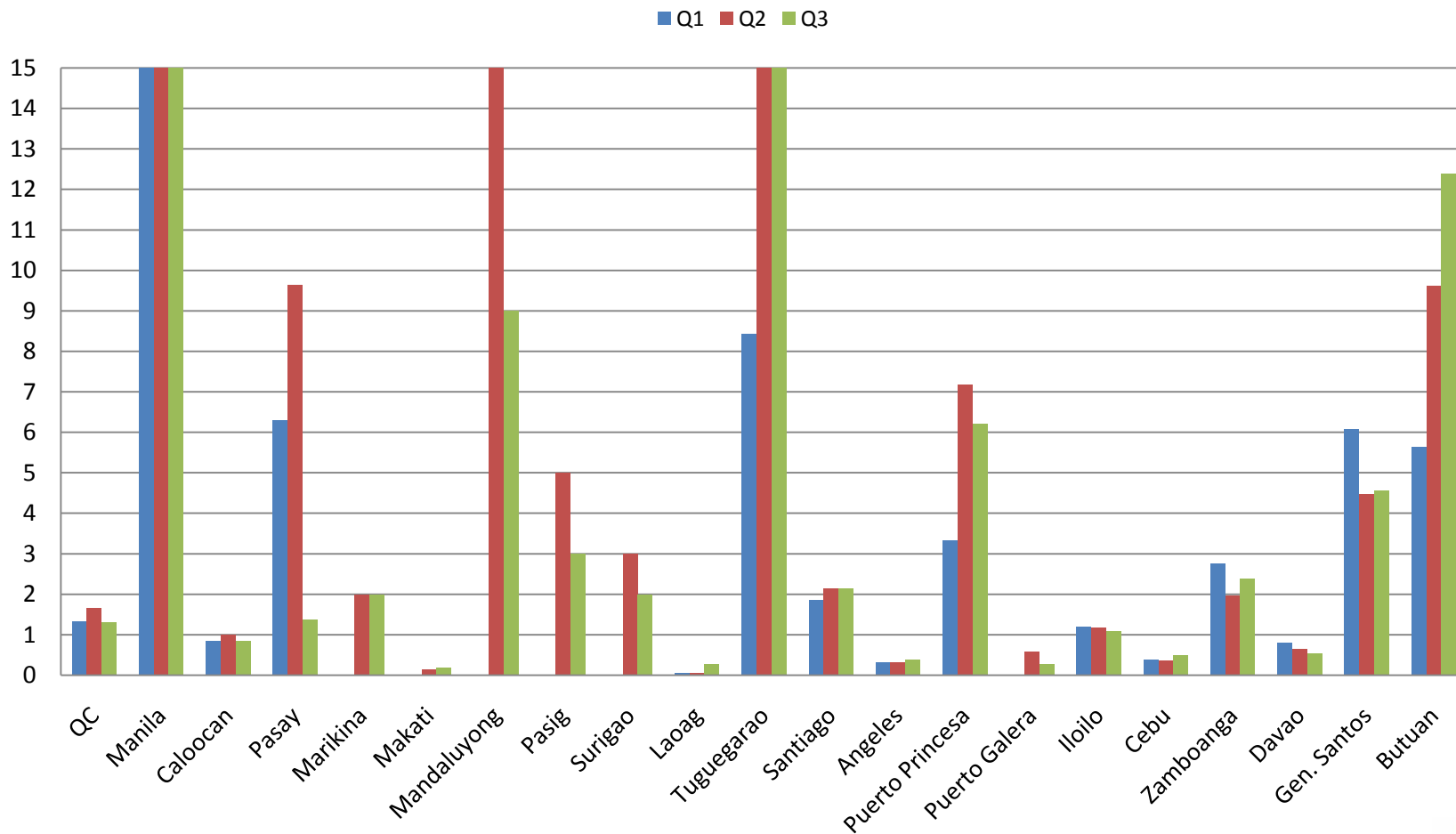
**Goal: To maintain less than 1%
HIV prevalence among
most-at-risk populations**



THIS IS IT! NEC TALKS ON HIV



STI Trends: Gonorrhea Positivity Rates seen at the SHC by Quarter, 2009



THIS IS IT! NEC TALKS ON HIV

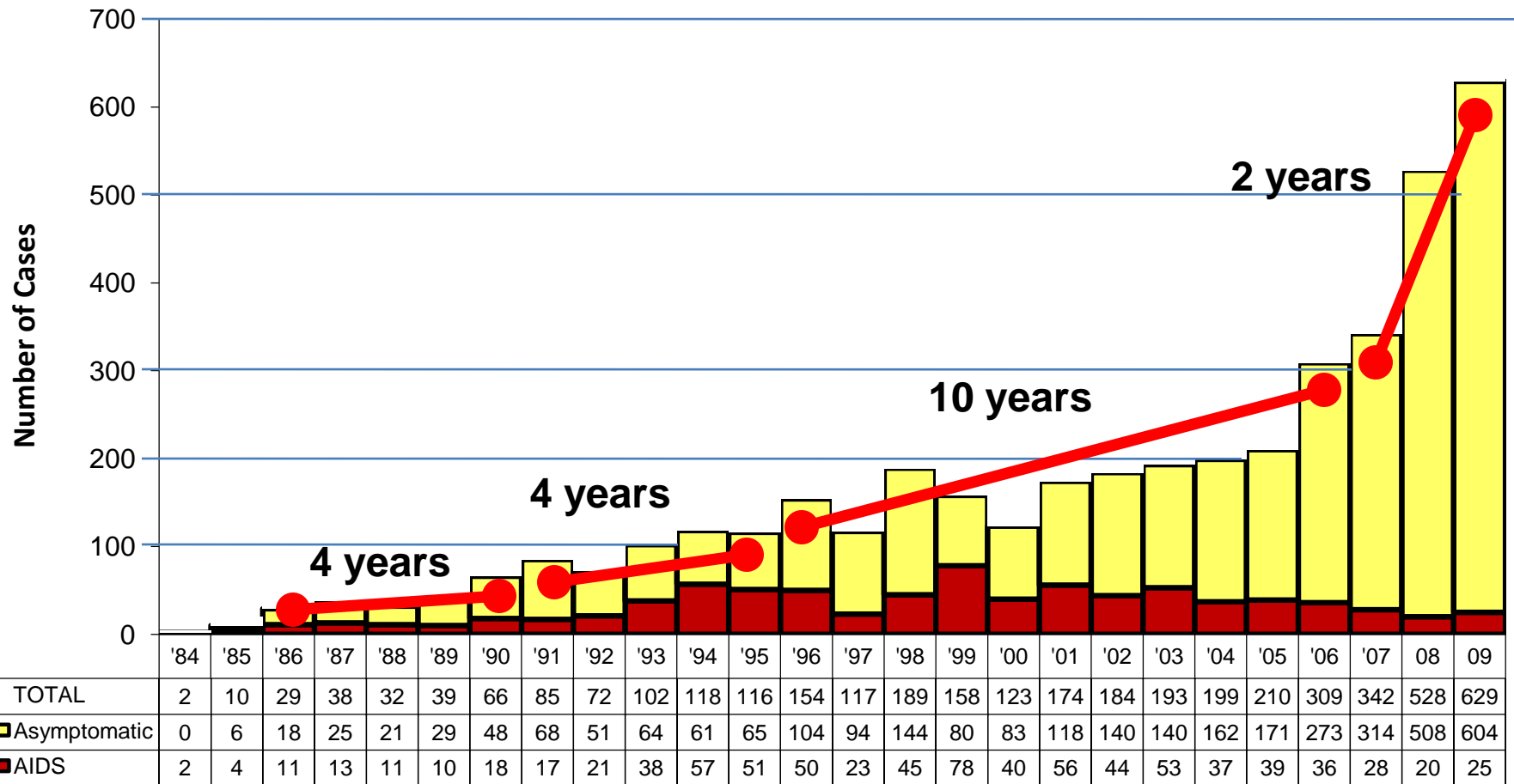




THIS IS IT! NEC TALKS ON HIV



Doubling Time of HIV & AIDS Cases in the Philippines



Source: Philippine HIV & AIDS Registry

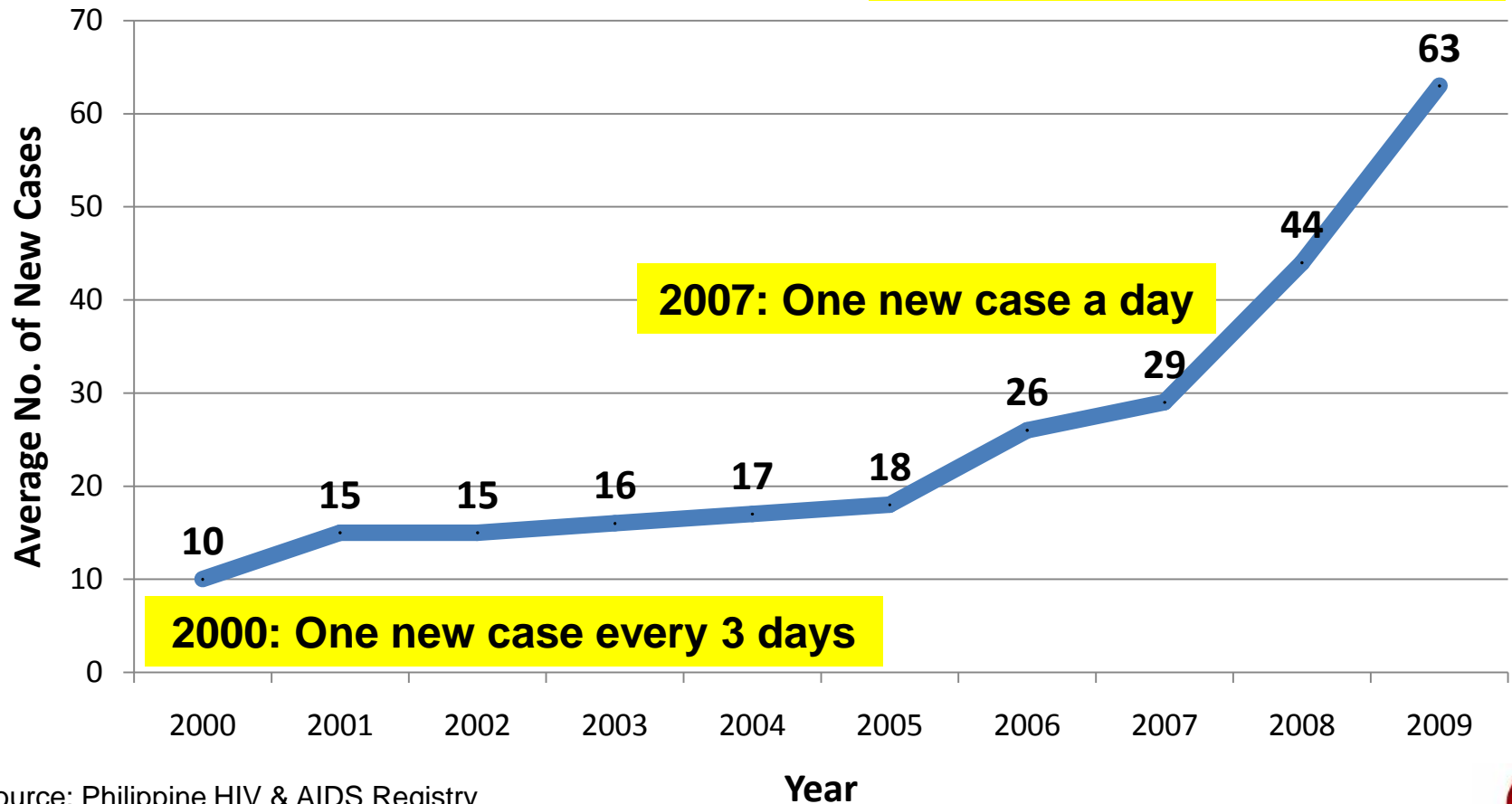


THIS IS IT! NEC TALKS ON HIV



Average Number of Cases per Month

2009: TWO new cases a day!



Source: Philippine HIV & AIDS Registry

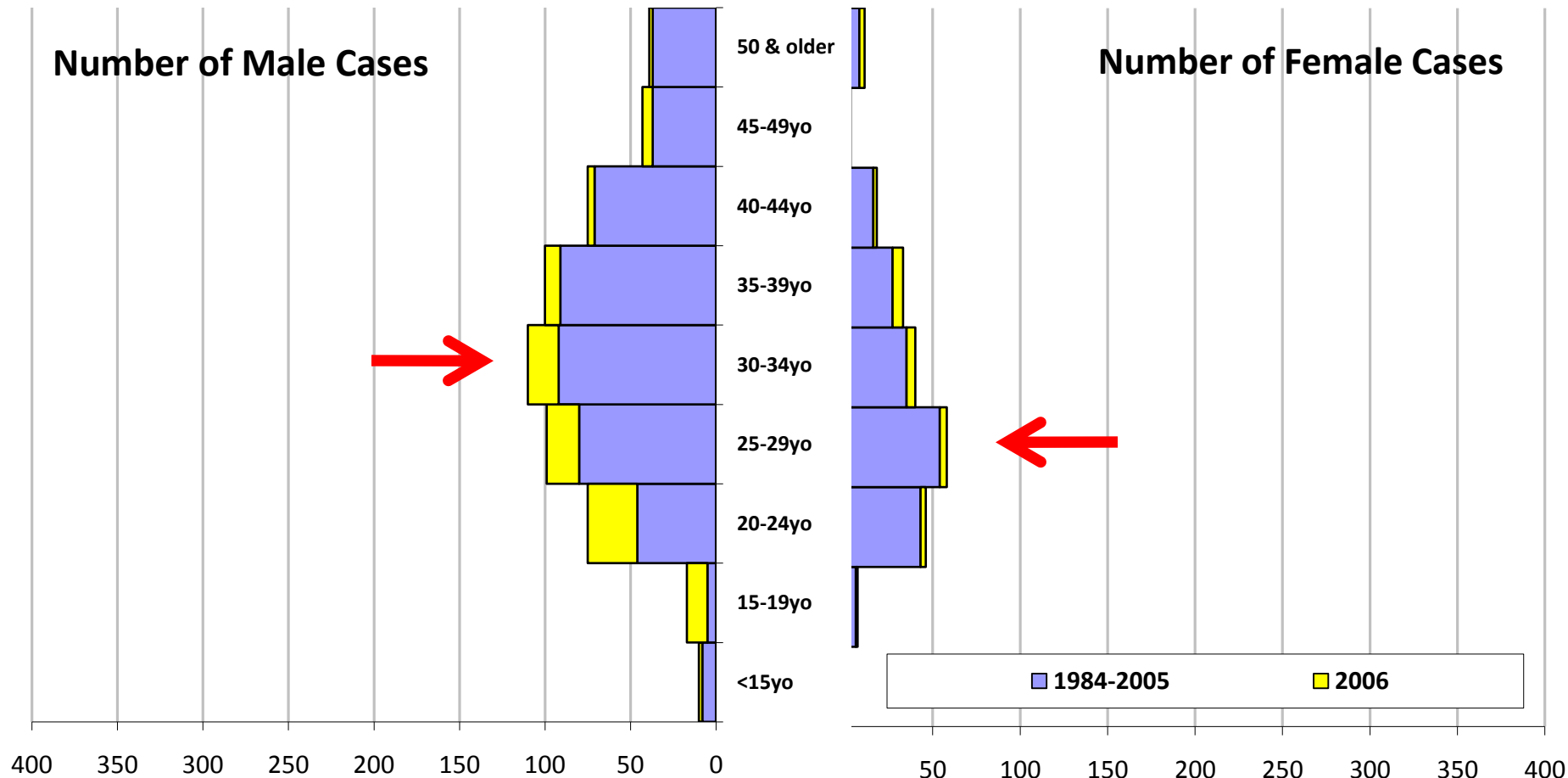


THIS IS IT! NEC TALKS ON HIV



Distribution of HIV Cases by Age & Sex

January 1984 – October 2009 (N=4,218)



Source: Philippine HIV & AIDS Registry

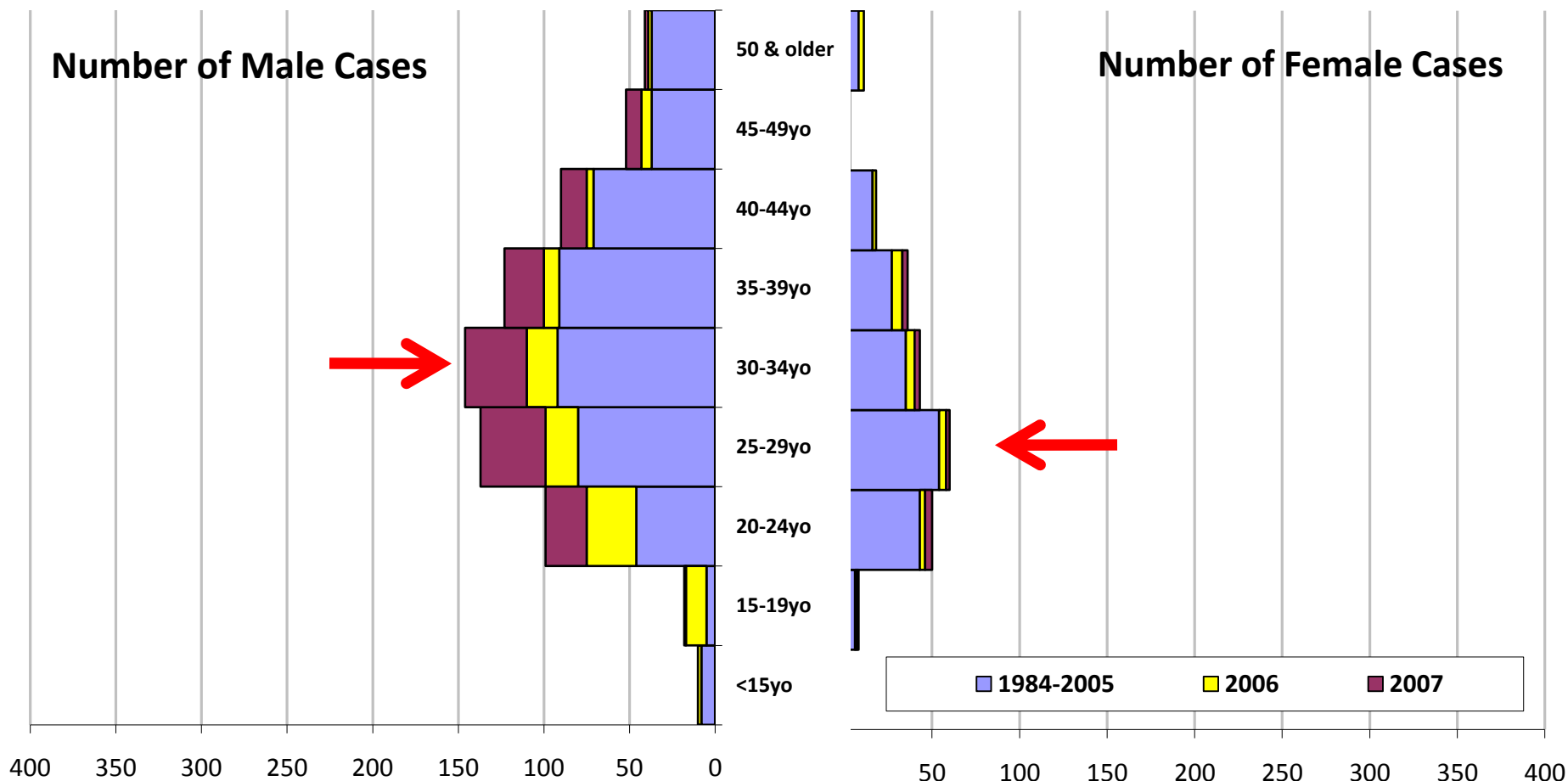


THIS IS IT! NEC TALKS ON HIV



Distribution of HIV Cases by Age & Sex

January 1984 – October 2009 (N=4,218)



Source: Philippine HIV & AIDS Registry

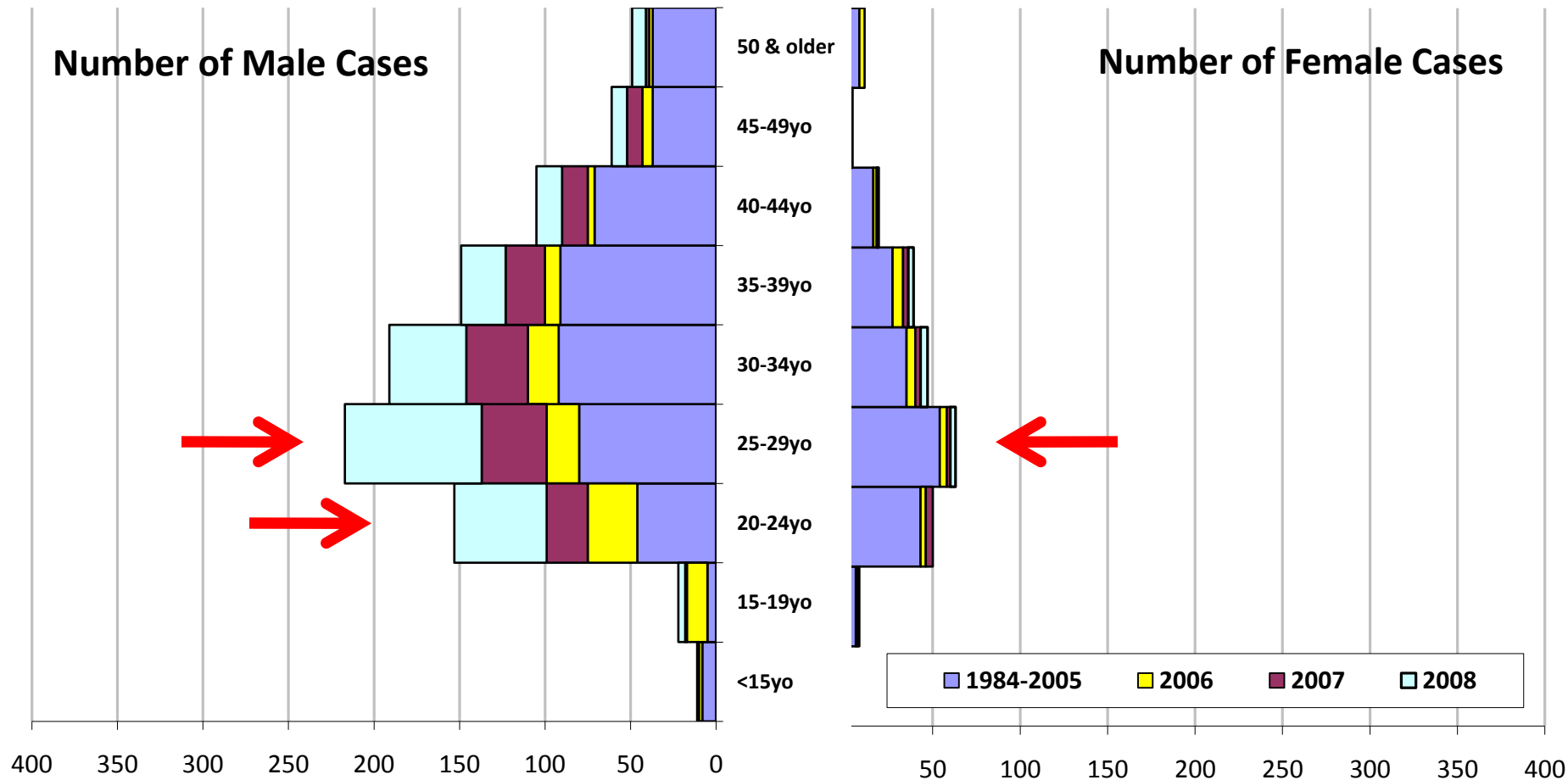


THIS IS IT! NEC TALKS ON HIV



Distribution of HIV Cases by Age & Sex

January 1984 – October 2009 (N=4,218)



Source: Philippine HIV & AIDS Registry

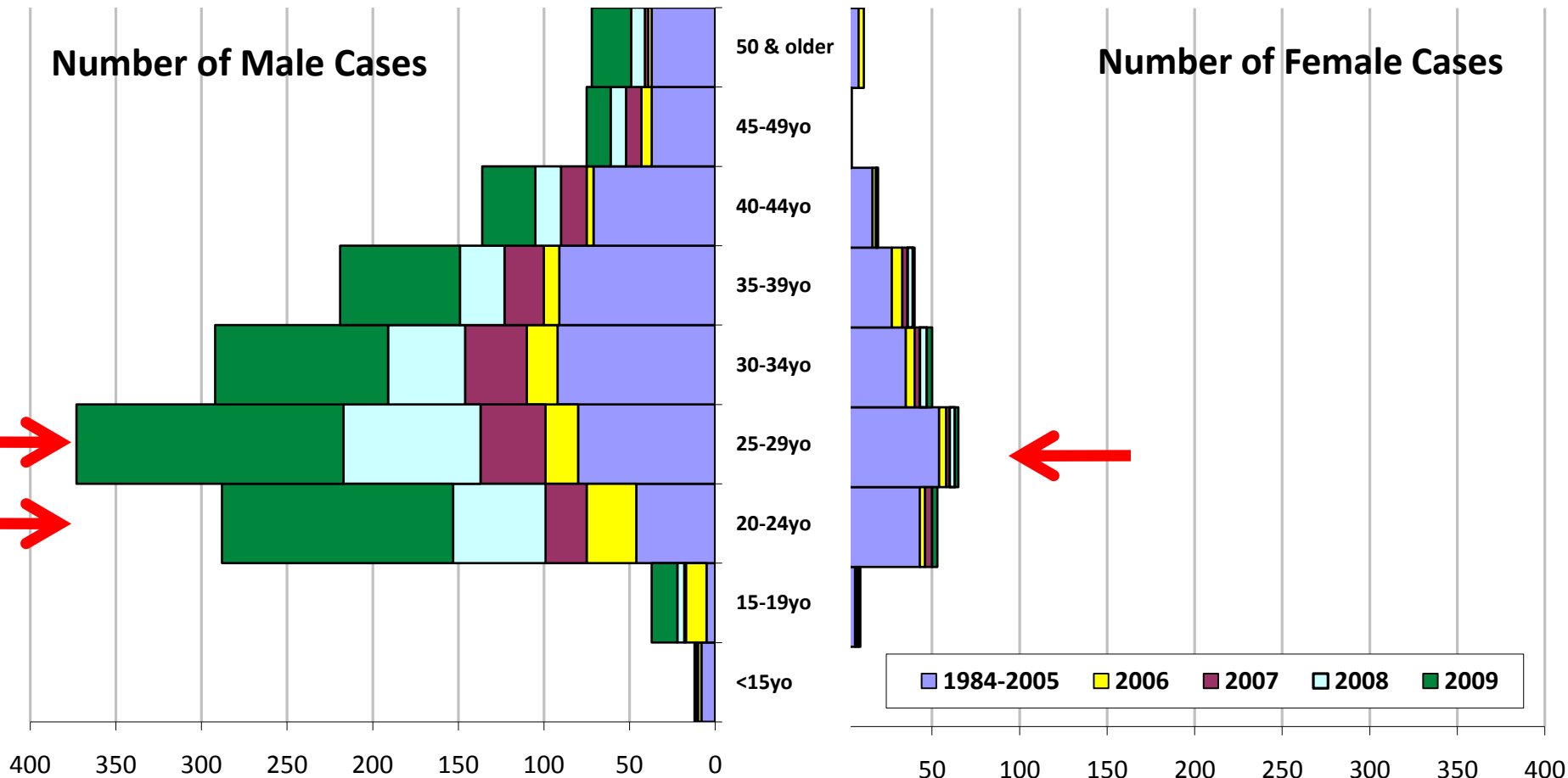


THIS IS IT! NEC TALKS ON HIV



Distribution of HIV Cases by Age & Sex

January 1984 – October 2009 (N=4,218)



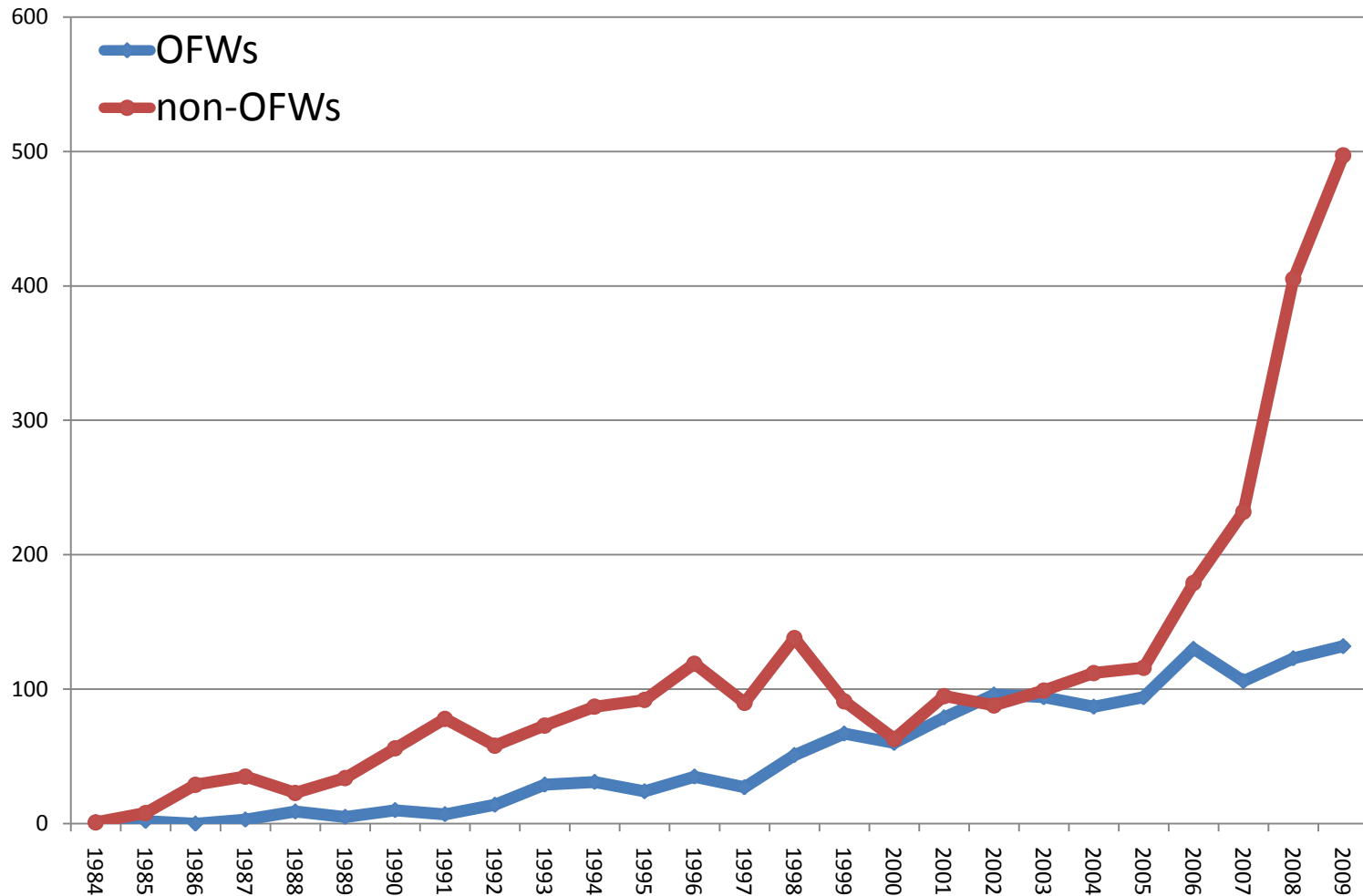
Source: Philippine HIV & AIDS Registry



THIS IS IT! NEC TALKS ON HIV



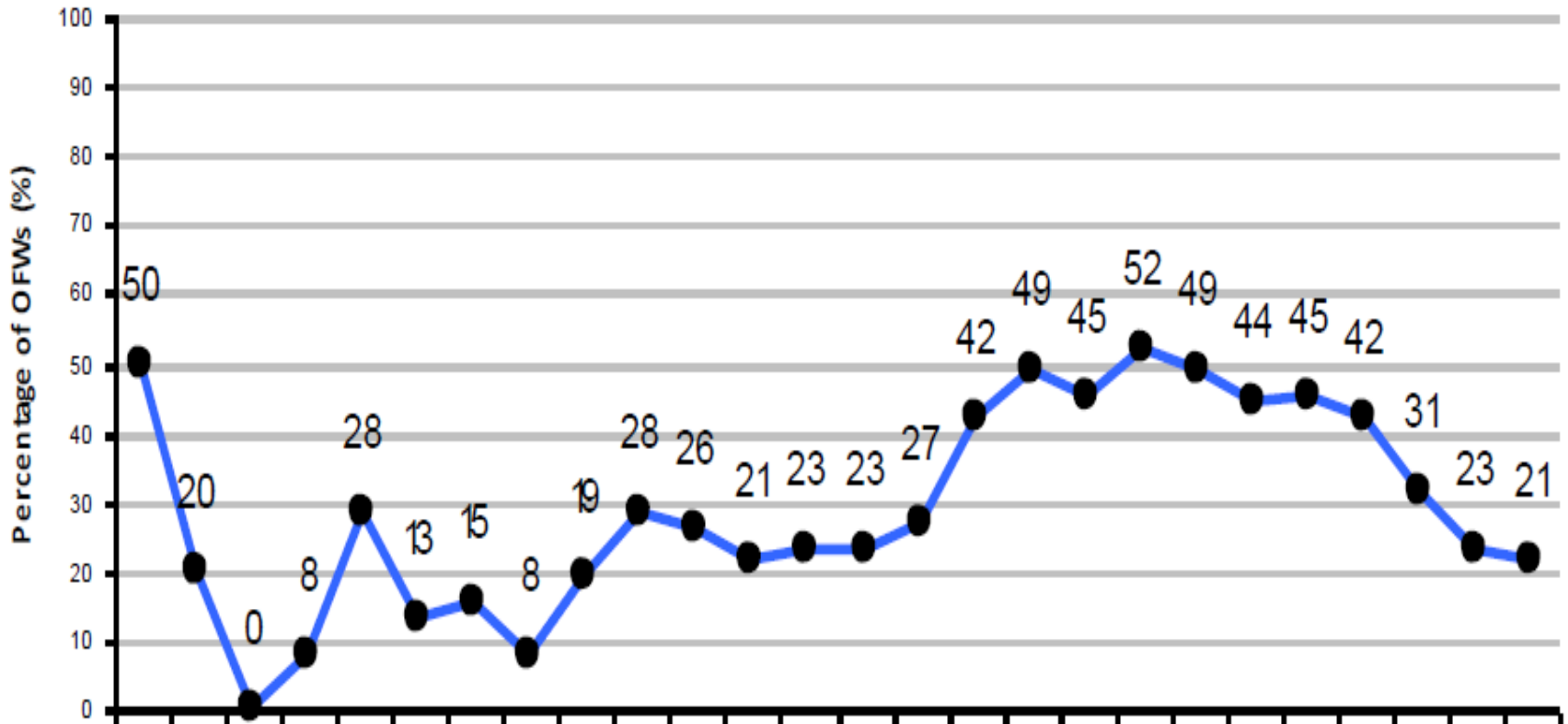
OFWs vs Non-OFWs



THIS IS IT! NEC TALKS ON HIV



Proportion of OFWs with HIV



THIS IS IT! NEC TALKS ON HIV



Modes of HIV Transmission

January 1984 – October 2009 (N=4,218)

Mode of Transmission	Oct 2009 n= 80	Jan–Oct 2009 n= 629	Cumulative N= 4,218
Sexual Contact	77	608	3,798
<i>Heterosexual contact</i>	<i>24 (31%)</i>	<i>178 (29%)</i>	<i>2,176 (57%)</i>
<i>Homosexual contact</i>	<i>28(36%)</i>	<i>225 (37%)</i>	<i>1,060 (28%)</i>
<i>Bisexual contact</i>	<i>25 (33%)</i>	<i>205 (34%)</i>	<i>562 (15%)</i>
Blood/Blood Products	0	0	19
Injecting Drug Use	0	0	8
Needle Prick Injury	0	0	3
Mother-to-Child	0	2	49
No Data Available	3	19	341

Source: Philippine HIV & AIDS Registry



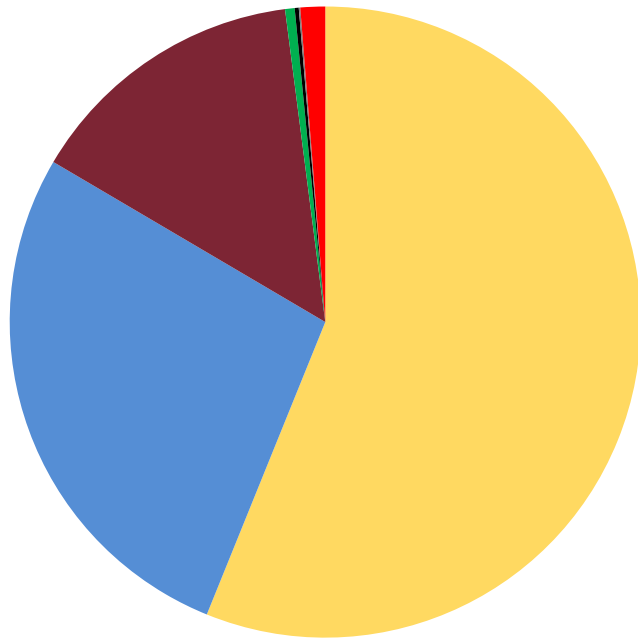
THIS IS IT! NEC TALKS ON HIV



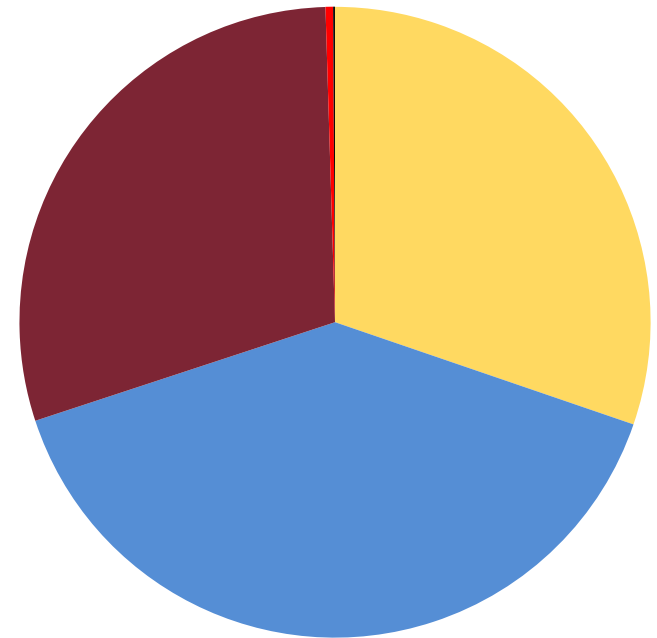
Modes of HIV Transmission

January 1984 – October 2009 (N=4,218)

Years: 1984-2007



Years: 2008-2009



Source: Philippine HIV & AIDS Registry

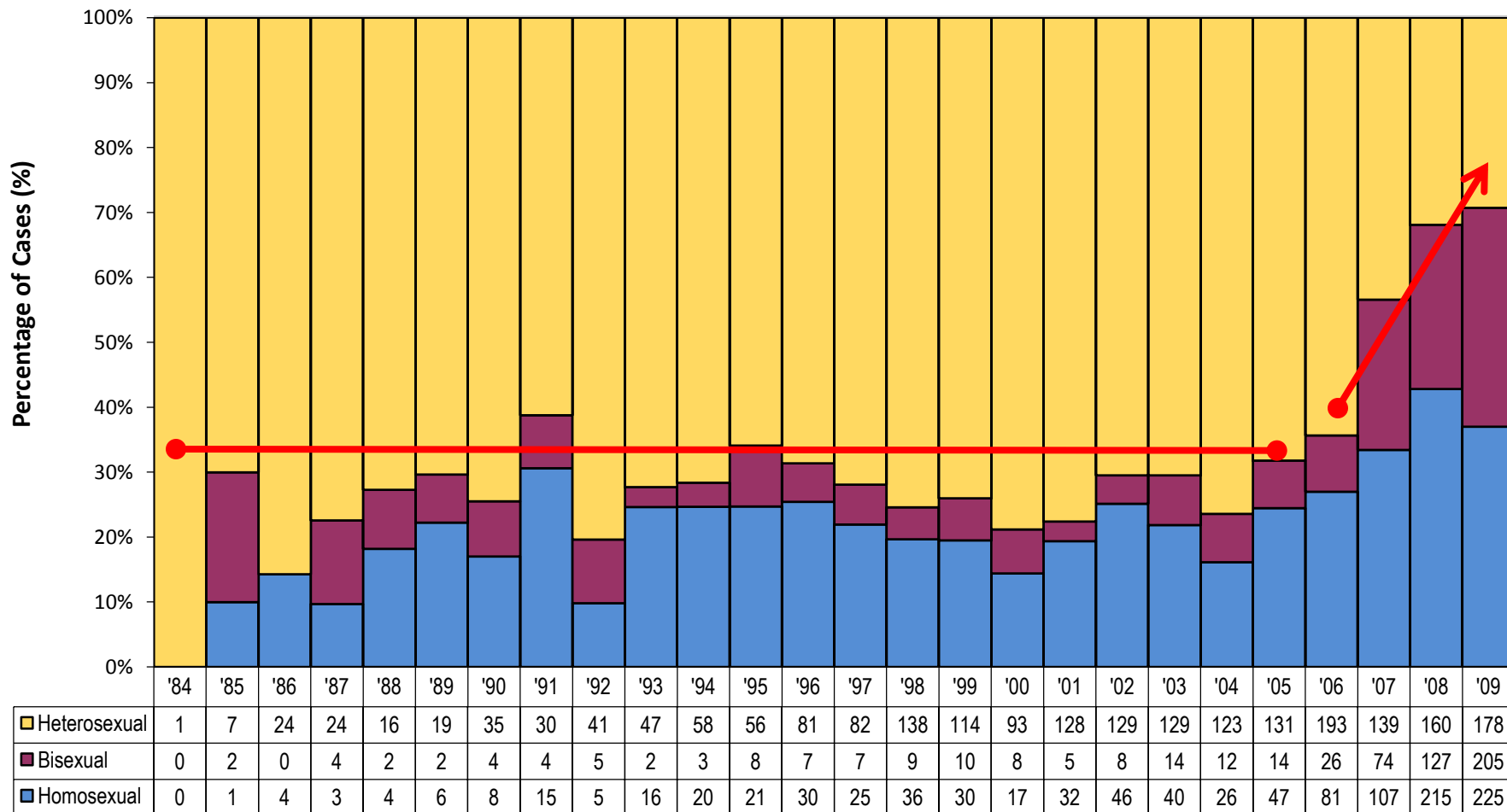


THIS IS IT! NEC TALKS ON HIV



Proportion of Types of Sexual Transmission

January 1984 – October 2009 (N=4,218)



Source: Philippine HIV & AIDS Registry

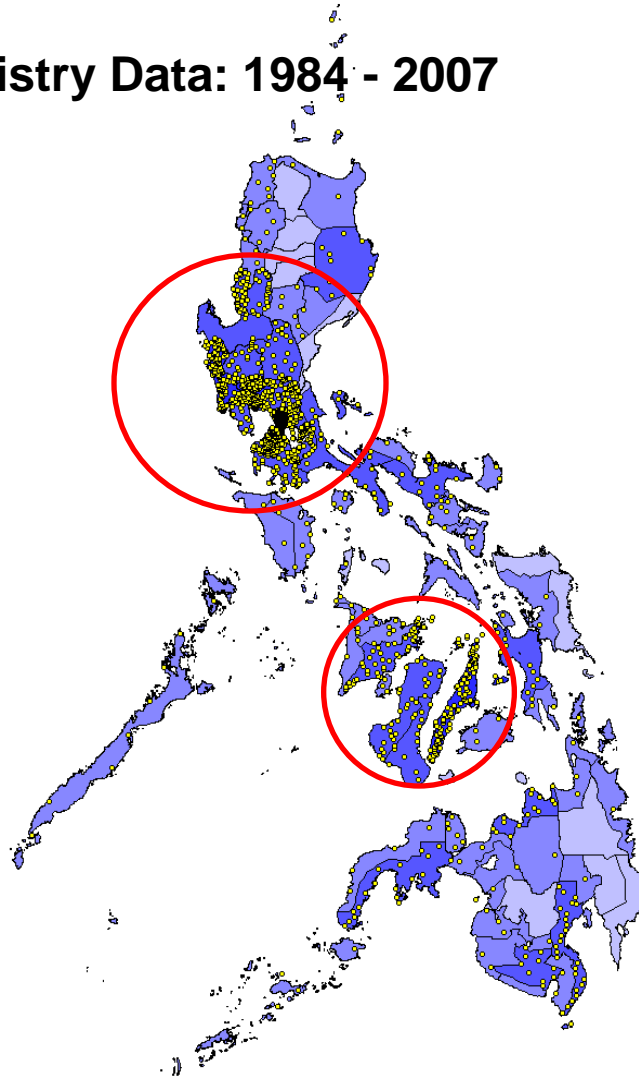


THIS IS IT! NEC TALKS ON HIV

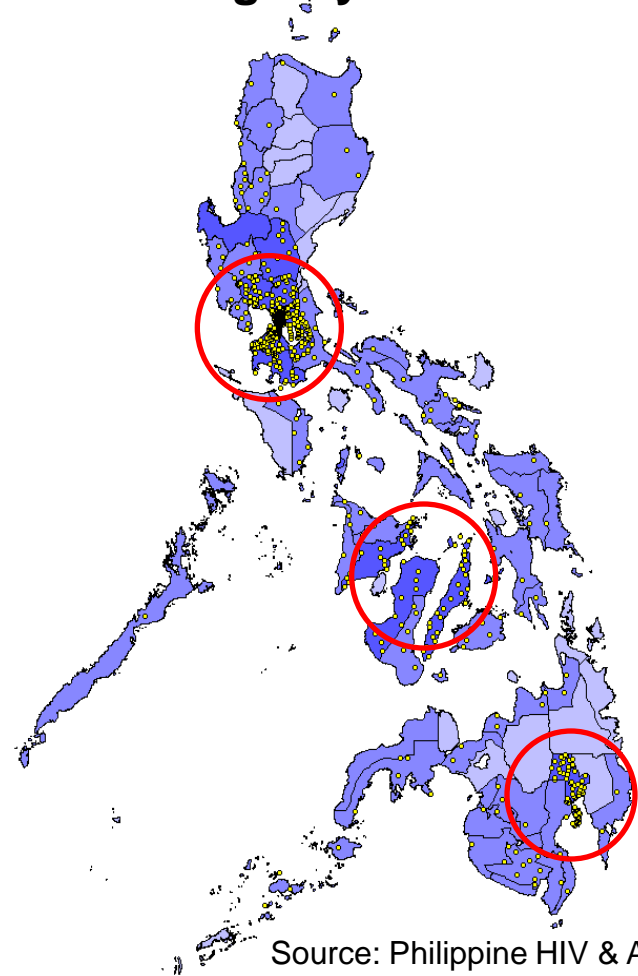


Geo-Distribution of HIV Cases

Registry Data: 1984 - 2007



Registry Data: 2008 - 2009



Source: Philippine HIV & AIDS Registry



THIS IS IT! NEC TALKS ON HIV



Philippine Integrated HIV Behavioral & Serologic Surveillance (IHBSS)

- Done every two years since 2005. This is the 3rd round.
- Has two components:
 1. Measurement of **behavioral risk factors** through a face-to-face survey
 2. Measurement of **HIV and Syphilis prevalence** through blood testing
- 10 Sentinel Sites for trending, 13 additional sites for 2009
- Pilot of RDS for MSM and Freelance FSW in Metro Manila



Surveillance Sites

IHBSS Sentinel Sites (10):

Baguio, Angeles, Cebu, Iloilo, Davao, Gen Santos, Zamboanga, Cagayan de Oro, **Pasay, Quezon City**

Global Fund Round 5 Sites (5):

Surigao, **Makati, Marikina, Mandaluyong, Pasig**

Global Fund Round 6 Sites (8):

Laoag, Tuguegarao, Santiago, Puerto Galera, Puerto Princesa, Butuan, **Manila, Caloocan**



Inclusion Criteria

Most-at-Risk Population (MARP)	Inclusion Criteria
<p>Female Sex Workers (FSW)</p> <p>a. Based in a Social Hygiene Clinic-Registered Establishment</p>	<p>Born female, 15 year or older, accepted cash or “kind” in exchange for sex in the past one month, and is based in an establishment registered at the local Social Hygiene Clinic (SHC).</p>
<p>b. Street-based or Freelance</p>	<p>Born female, 15 years or older, accepted cash or “kind” in exchange for sex in the past one month, and is based in a cruising site, street, or venue that is not registered at the local SHC.</p>



Inclusion Criteria

Most-at-Risk Population (MARP)	Inclusion Criteria
Injecting Drug Users (IDU)	Men or women, 15 years or older, who had injected drugs in the past 6 months.
Males having Sex w/ Males (MSM)	Born male, 15 years or older, who reported having had oral or anal sex with another man in the past one year.



Sampling Method

*Simple Random Sampling:

Registered Establishment based FSW

*Time Location Sampling:

Freelance FSW, MSM

**Respondent Driven Sampling:

IDU

+ Pilot RDS for MSM (Metro Manila)

+ Pilot RDS for Freelance FSW (Metro Manila)

* Same sampling method used for FSW & MSM in 2005 and 2007 IHBSS rounds.

**In the past IHBSS rounds, convenient sampling was used for IDUs.



Total Number of Respondents per MARP

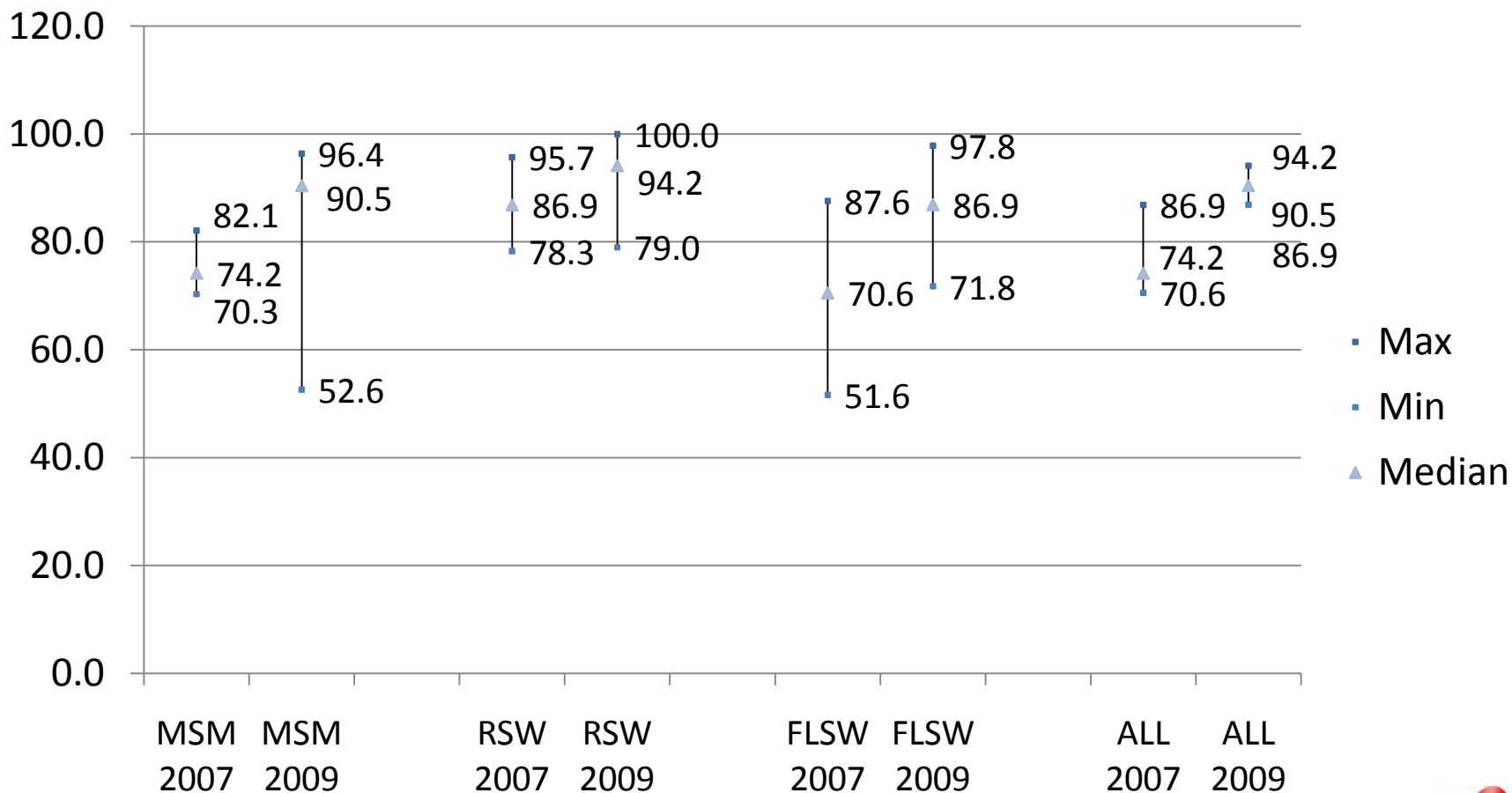
SITES	Registered FSW	Freelance FSW	MSM	IDU	TOTAL
IHBSS Sentinel Sites	2,992	2,769	2,281	958	9,000
Round 5 Sites	957	497	795	NONE	2,249
Round 6 Sites	1,373	888	1,466	NONE	3,727
TOTAL	5,322	4,154	4,542	958	14,976



THIS IS IT! NEC TALKS ON HIV



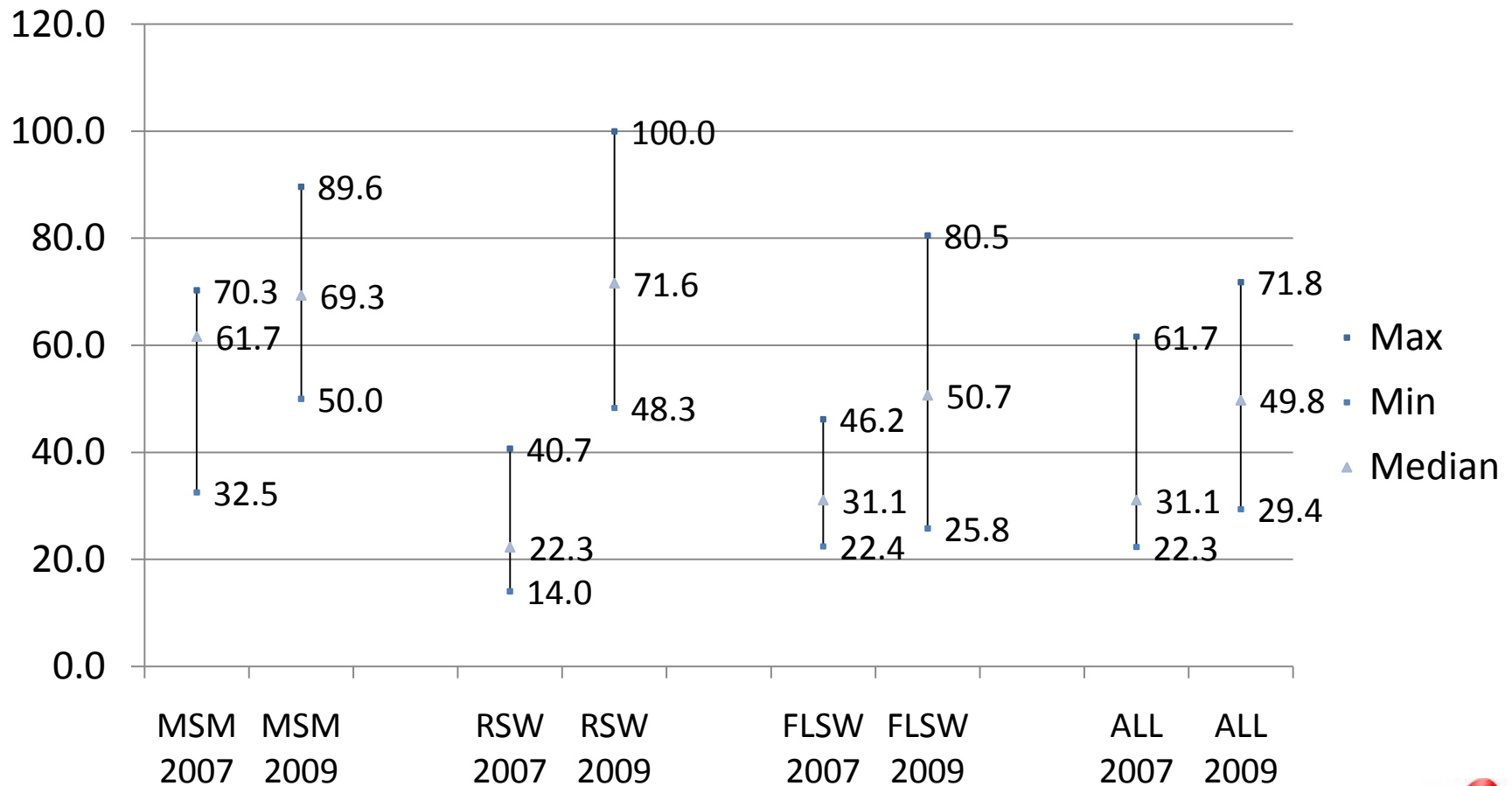
IHBSS Correct Knowledge on Sharing of Needles



THIS IS IT! NEC TALKS ON HIV



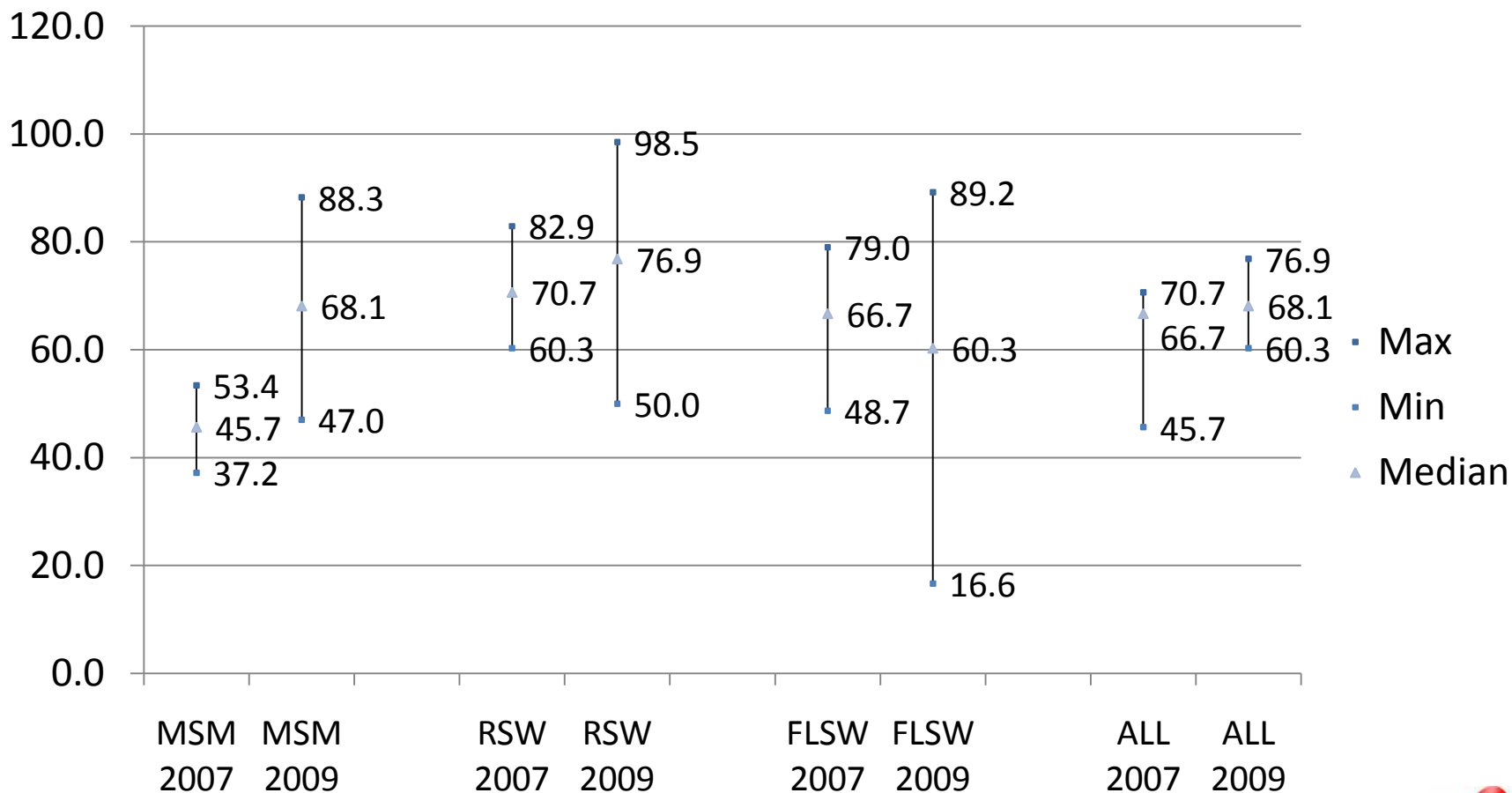
IHBSS Correct Knowledge if a Person can get HIV by Using a Public Toilet



THIS IS IT! NEC TALKS ON HIV



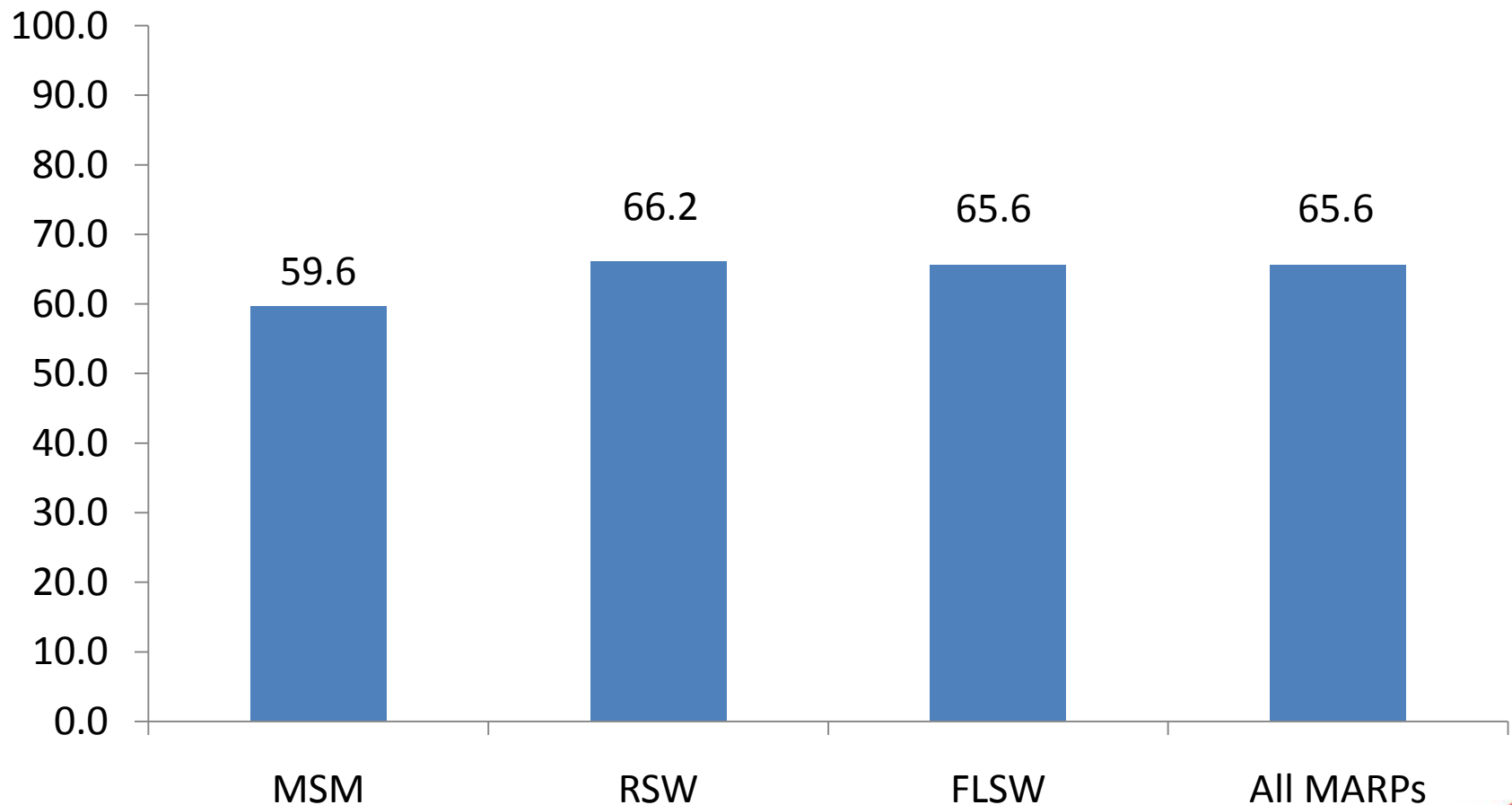
IHBSS Correct Knowledge if a Person can get HIV from Mosquito Bites



THIS IS IT! NEC TALKS ON HIV



% of Respondents Who Felt At Risk of Having HIV Infection, IHBSS 2009

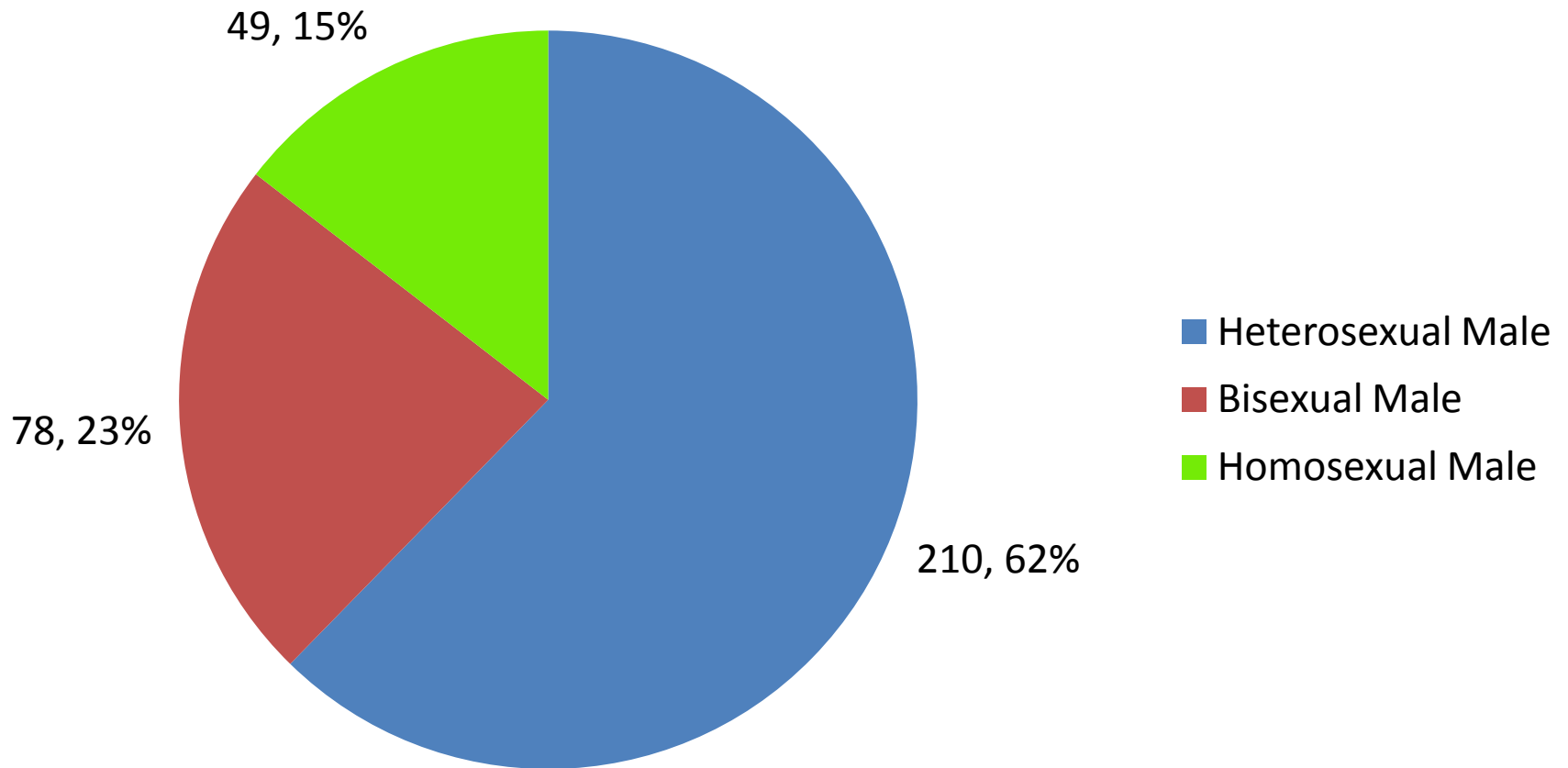


THIS IS IT! NEC TALKS ON HIV



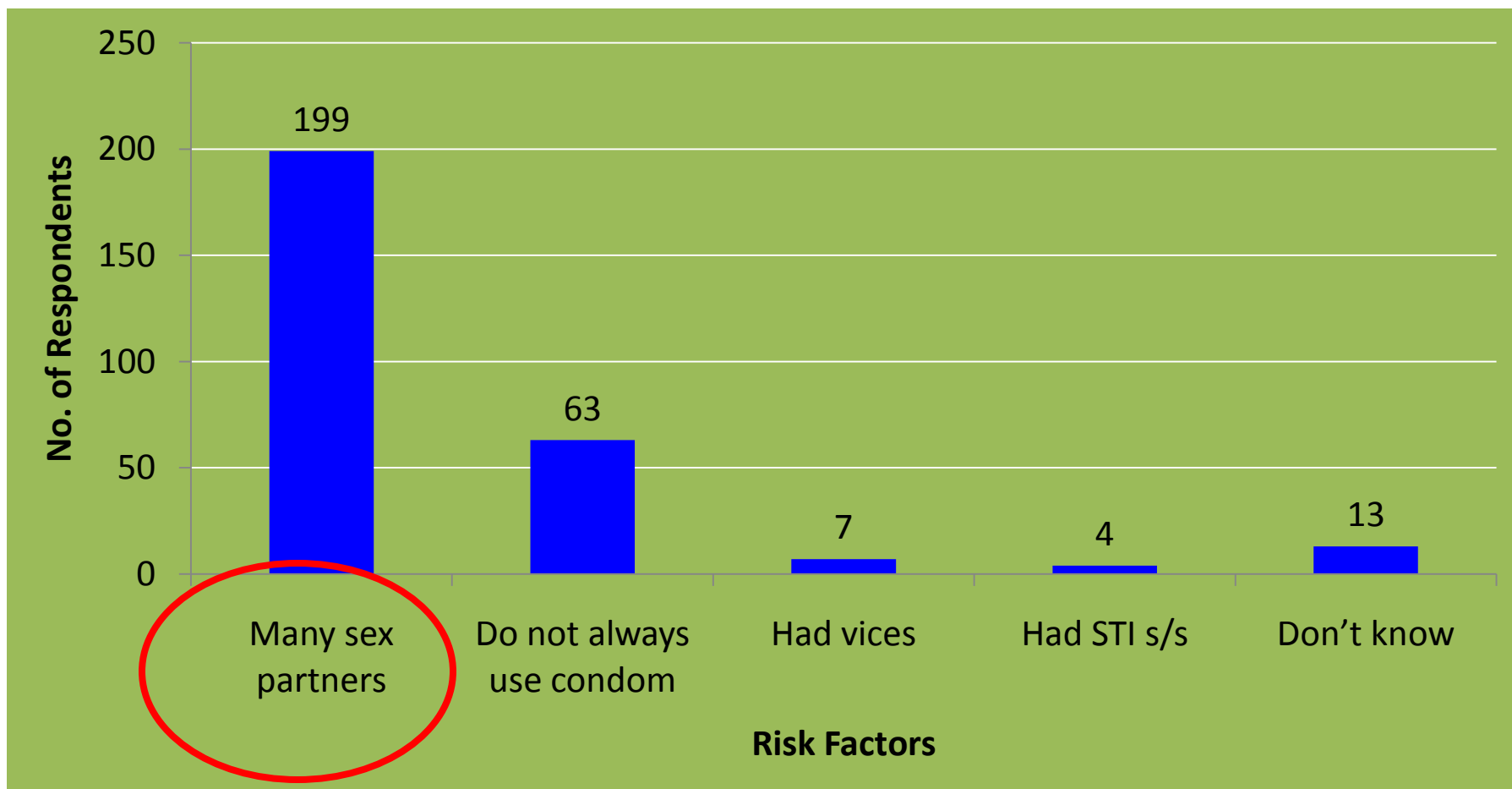
Self-Identity of MSM

RDS MSM – Metro Manila, N=337



Why Respondents Felt At Risk of Having HIV Infection

RDS MSM – Metro Manila, N=337



*Multiple answer

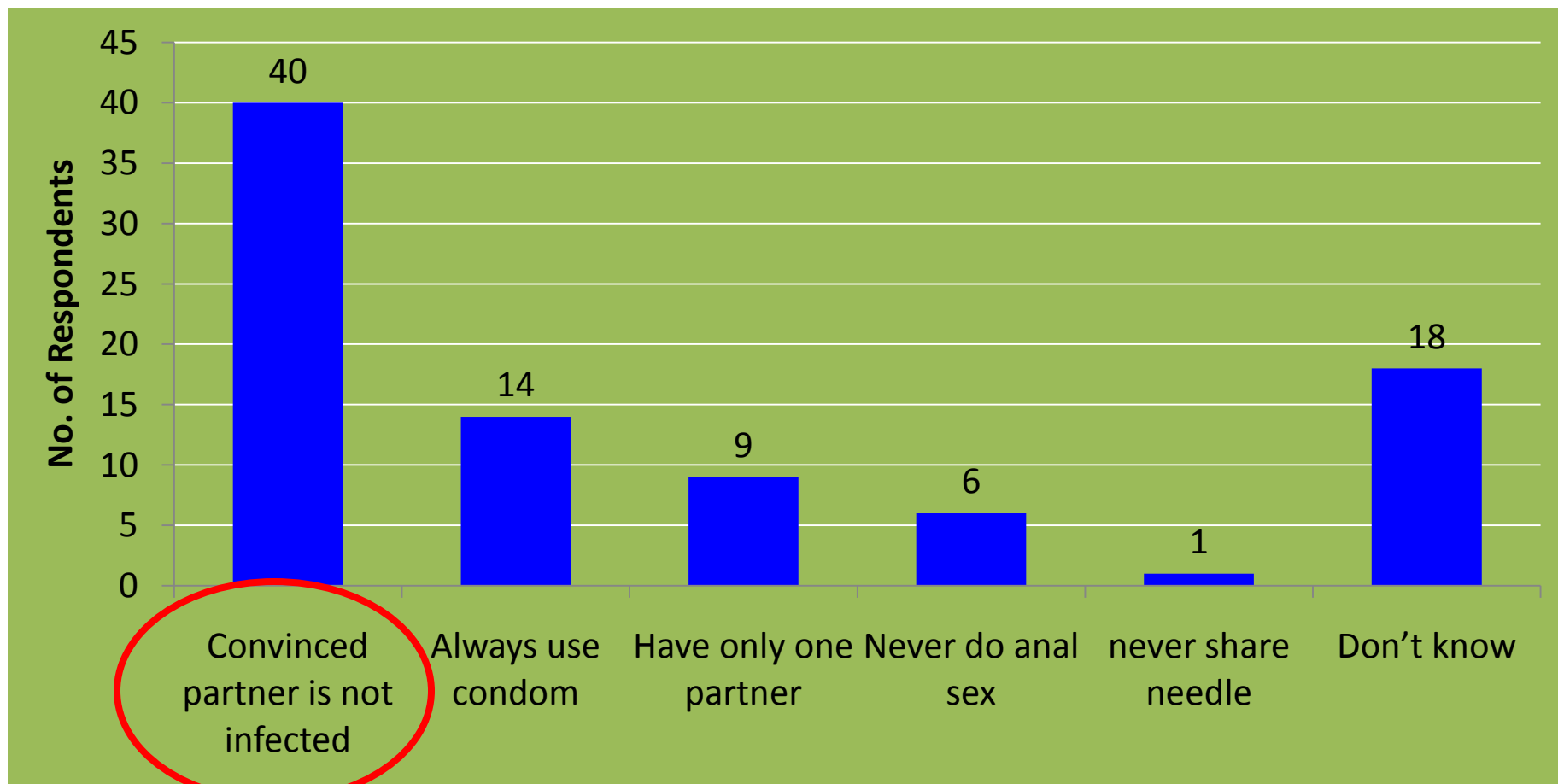


THIS IS IT! NEC TALKS ON HIV



Why Respondents DID NOT Feel At Risk of Having HIV Infection

RDS MSM – Metro Manila, N=337



*Multiple answer



THIS IS IT! NEC TALKS ON HIV



Number of Sex Partners per Month

RDS – Metro Manila

Type of Sex partner	RDS - MSM Past 30 days		RDS - FLSW Past 30 days	
	Range	Mean	Range	Median
Sex with a Non- paying partner	1 - 40	3	1 - 24	1
Sex with a Paid Partner (respondent is a client)	1 - 10	3		
Sex with a Paying Partner (respondent is a sex worker)	1 - 48	4	1 - 140	5

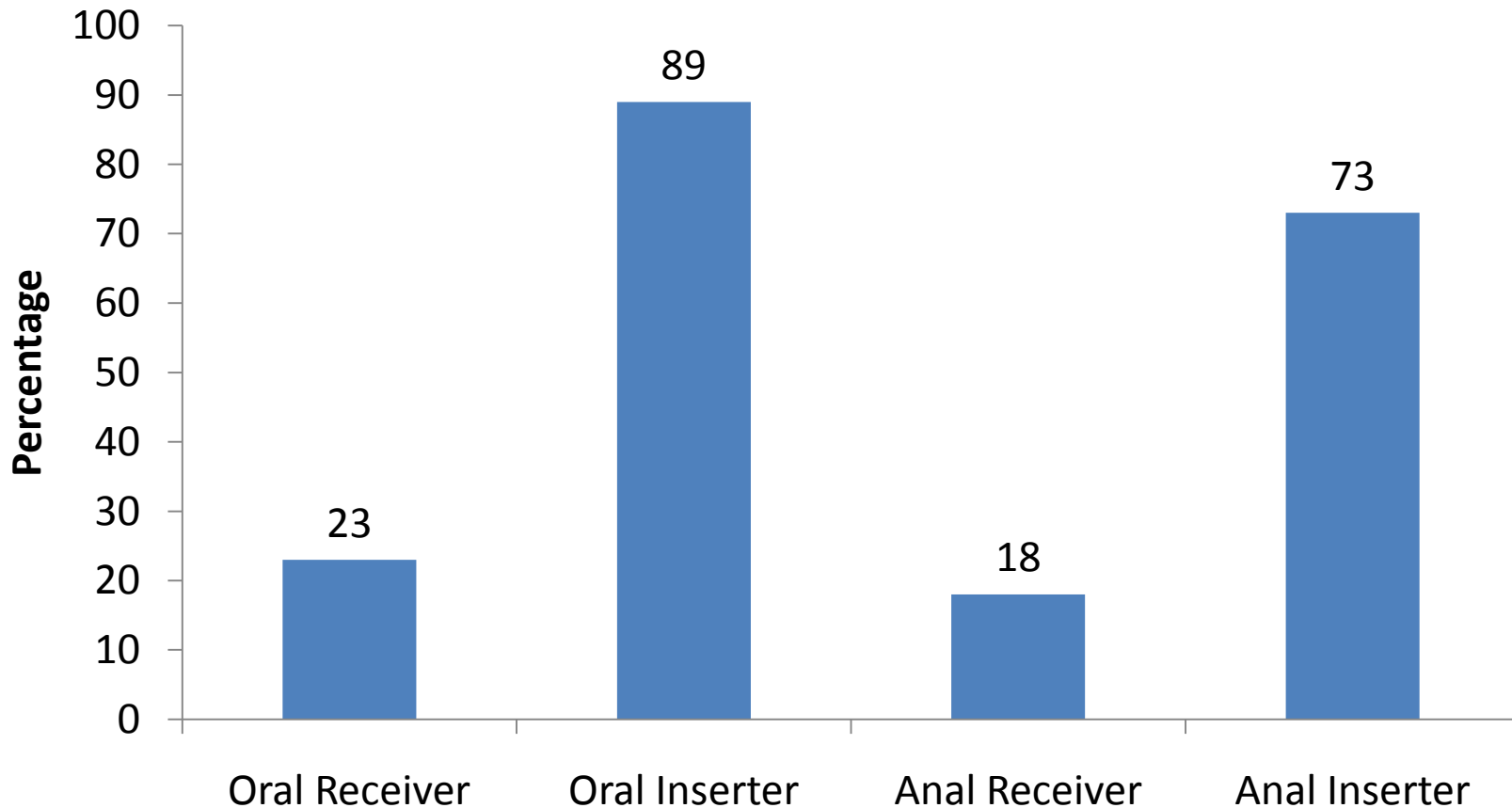


THIS IS IT! NEC TALKS ON HIV



Type of Sexual Experience w/ Another Man

RDS MSM – Metro Manila, N=337



THIS IS IT! NEC TALKS ON HIV



Age First Tried Injecting Drugs, IHBSS 2009

Population	Range (in years)	Median Age (in years)
IDU Site A	12 - 54	19
IDU Site B	11 - 39	16
IDU Site C	12 - 42	18



THIS IS IT! NEC TALKS ON HIV



Risky Behavior Among IDUs, IHBSS 2009

	Site A	Site B	Site C
% Needles sharing (last time)	42% males 43% females	74% males 75% females	81% males 74% females
% MSM	69%	47%	40%
% Sex worker	39% males 81% females	37%	21% males 19% females
% Condom use with last paying partner	44% males 34% females	14%	13%
% Condom use with last non-paying partner	23% males 0% females	13%	6%



THIS IS IT! NEC TALKS ON HIV



Prevention Coverage for Injecting Drug Use, IHBSS 2009

	Site A	Site B	Site C
% Reached (Taught how to prevent HIV transmission when injecting)	60%	24%	51%
% Received free needles	47%	17%	2%
% Reached (Taught how to prevent sexual transmission of HIV)	56%	29%	53%
% Received free condoms	39%	25%	35%



THIS IS IT! NEC TALKS ON HIV



Age at First Penetrative Sex

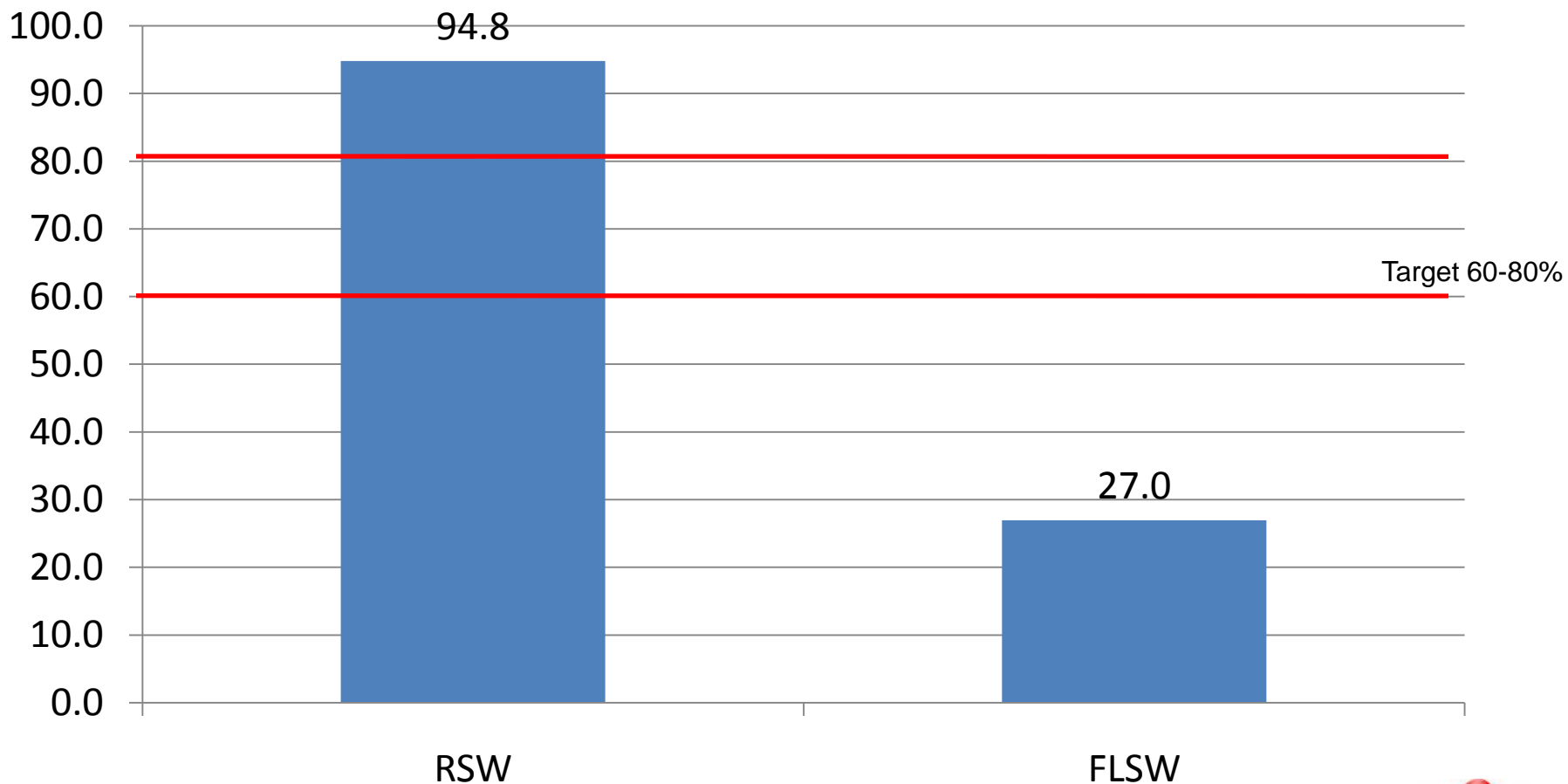
Population	Range (in years)	Median Age (in years)
IDU Site A	8 - 39	16
IDU Site B	7 - 29	16
IDU Site C	11 - 29	17
Registered FSW	9 - 30	Median range: 17 - 18
RDS Freelance FSW	8 - 29	16
TLS Freelance FSW		Median range: 16 - 18
RDS MSM	7 - 26	15
TLS MSM		Median range: 14 - 19



THIS IS IT! NEC TALKS ON HIV



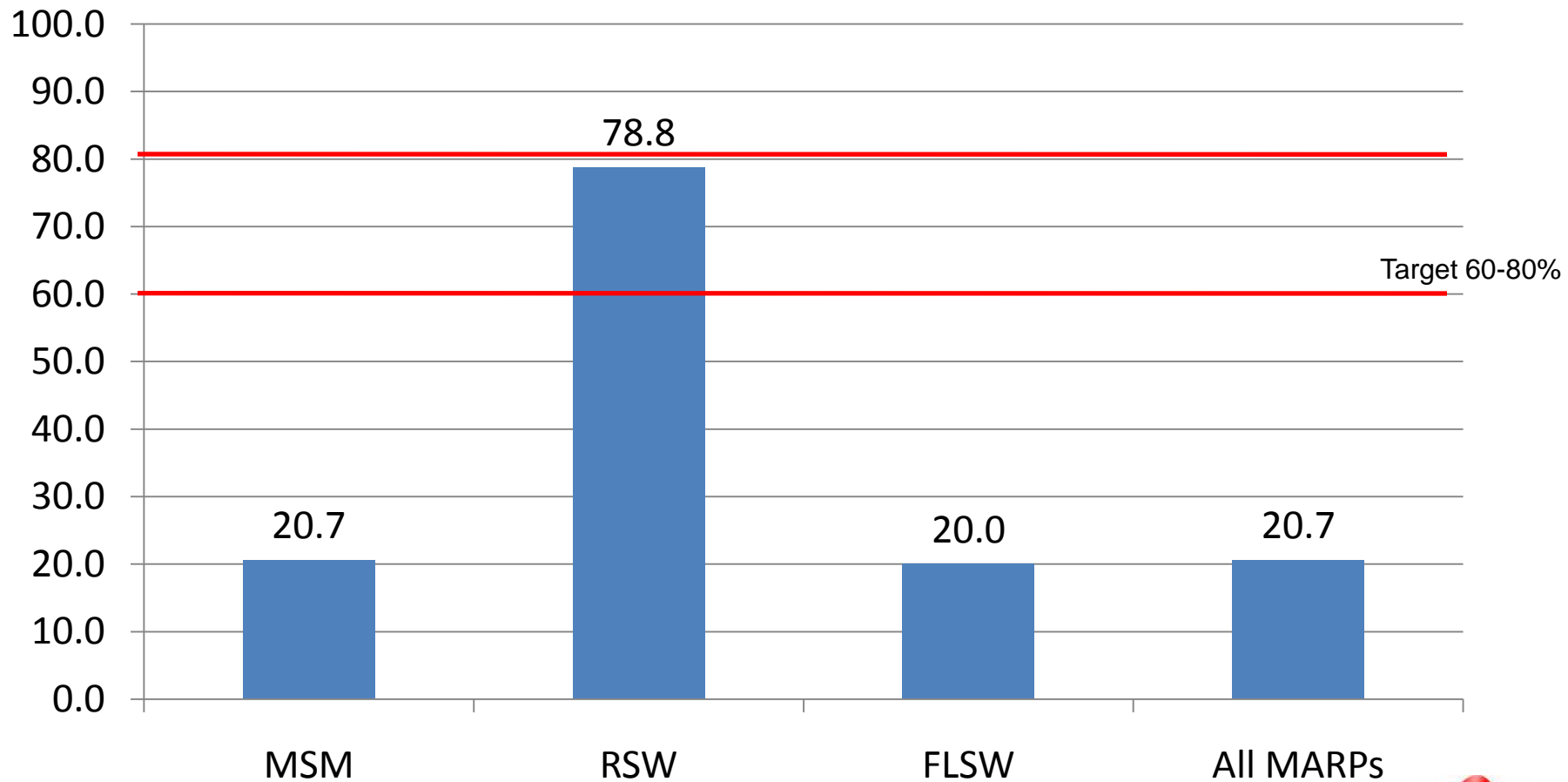
Accessed a Social Hygiene Clinic in the past Year, IHBSS 2009



THIS IS IT! NEC TALKS ON HIV



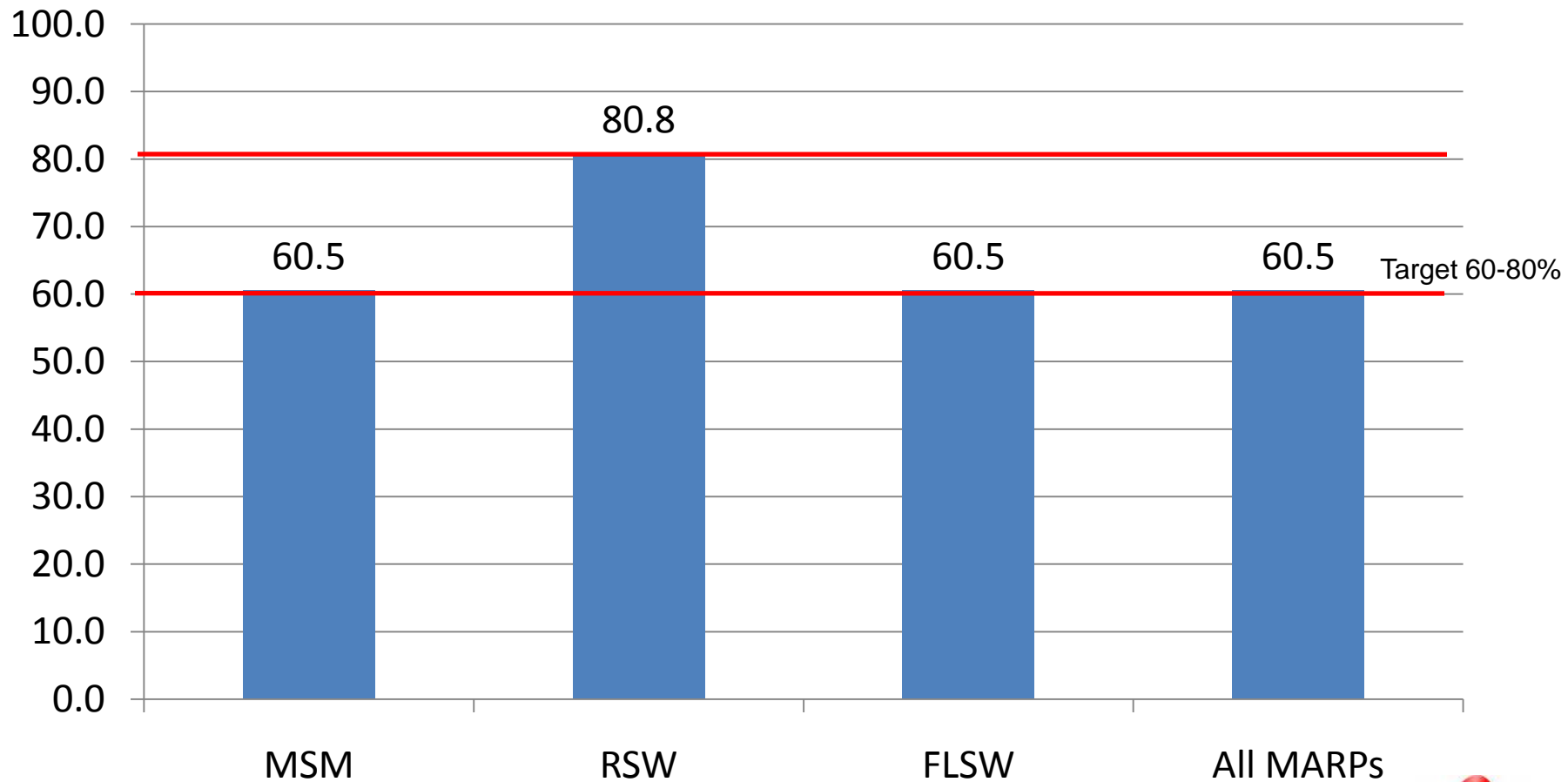
Attended an HIV Prevention Meeting, IHBSS 2009



THIS IS IT! NEC TALKS ON HIV



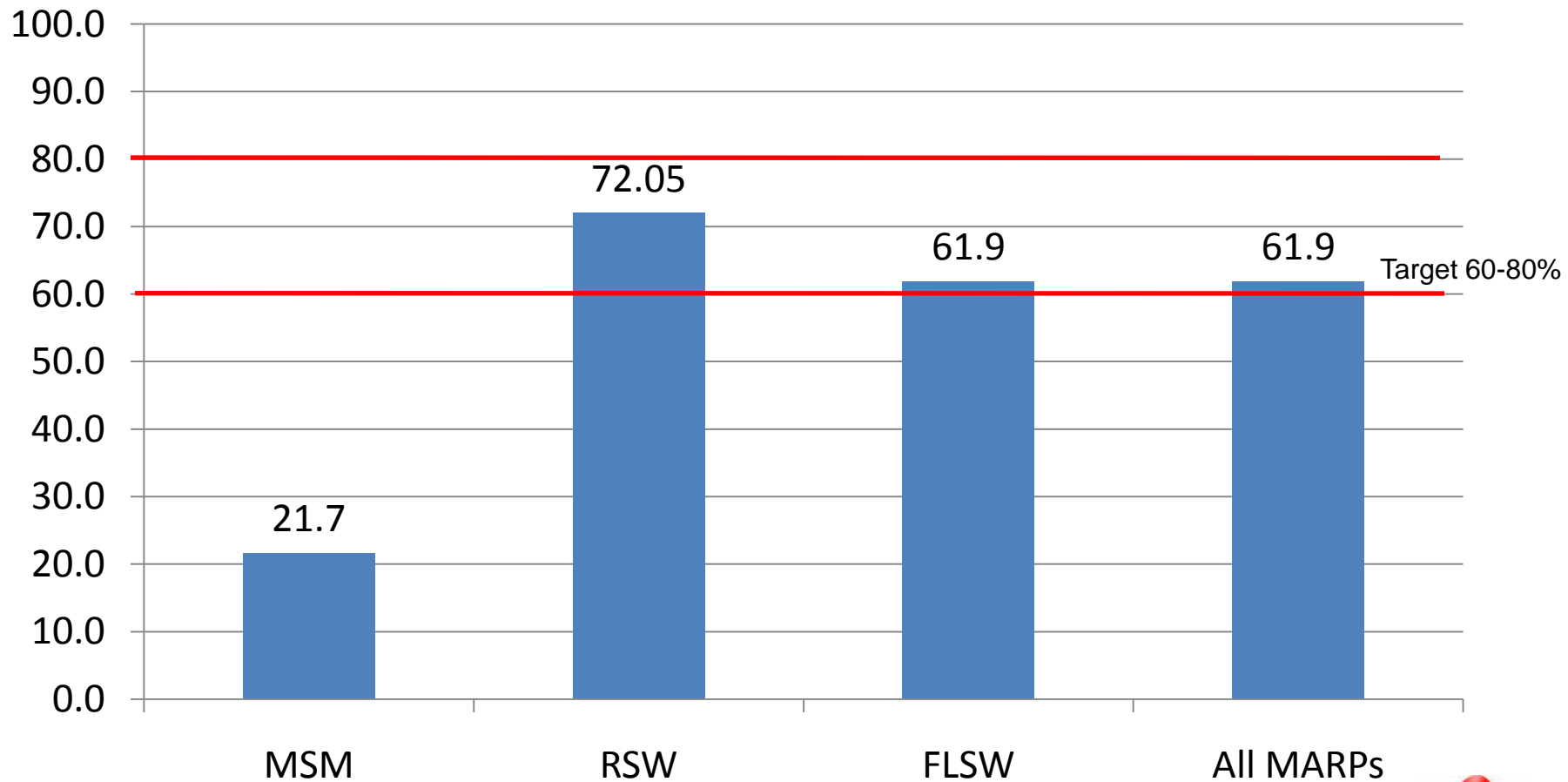
Received a Free Condom, IHBSS 2009



THIS IS IT! NEC TALKS ON HIV



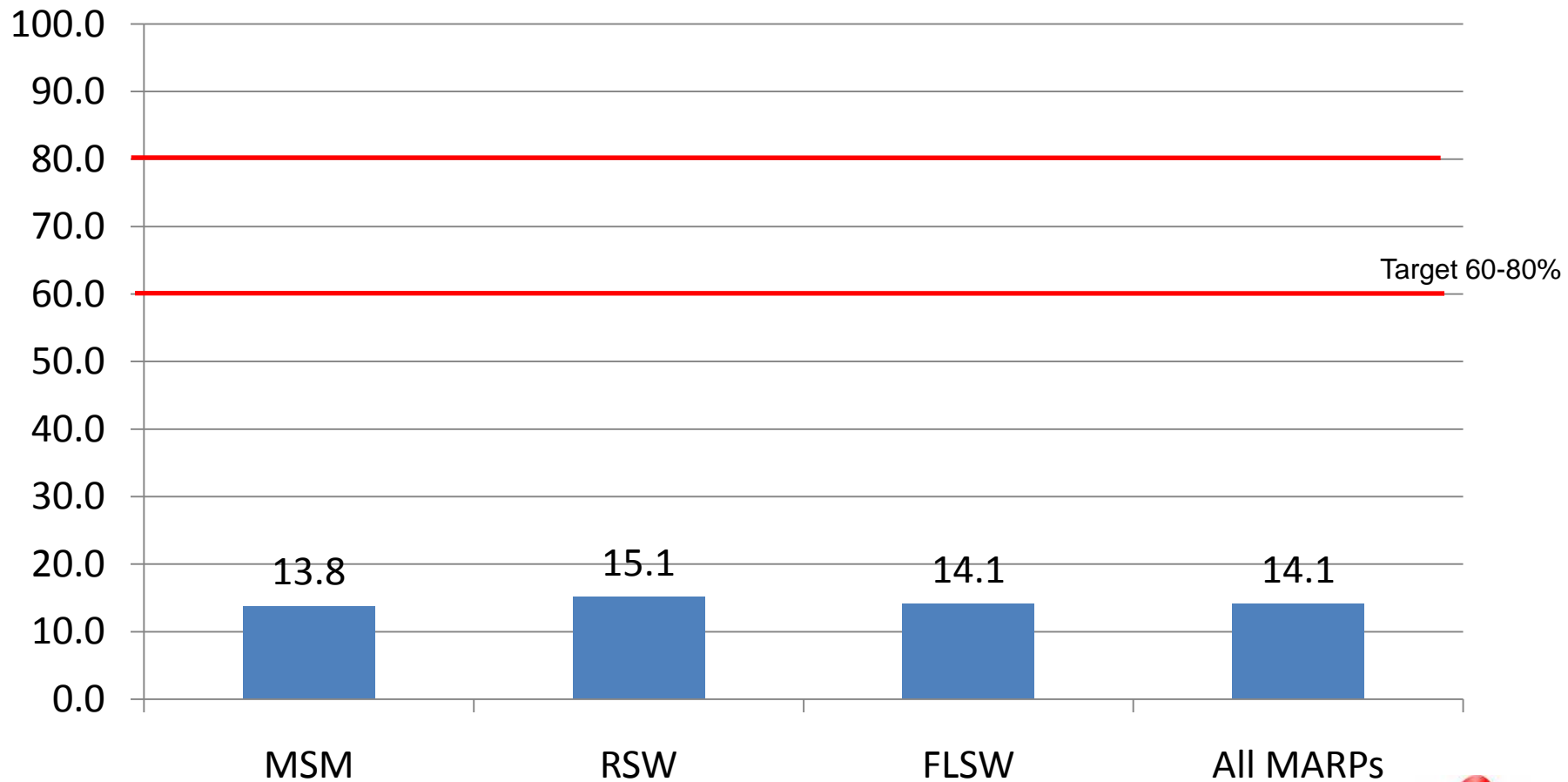
Used Condom During Last Sex, IHBSS 2009



THIS IS IT! NEC TALKS ON HIV



Had a Condom During the Interview, IHBSS 2009



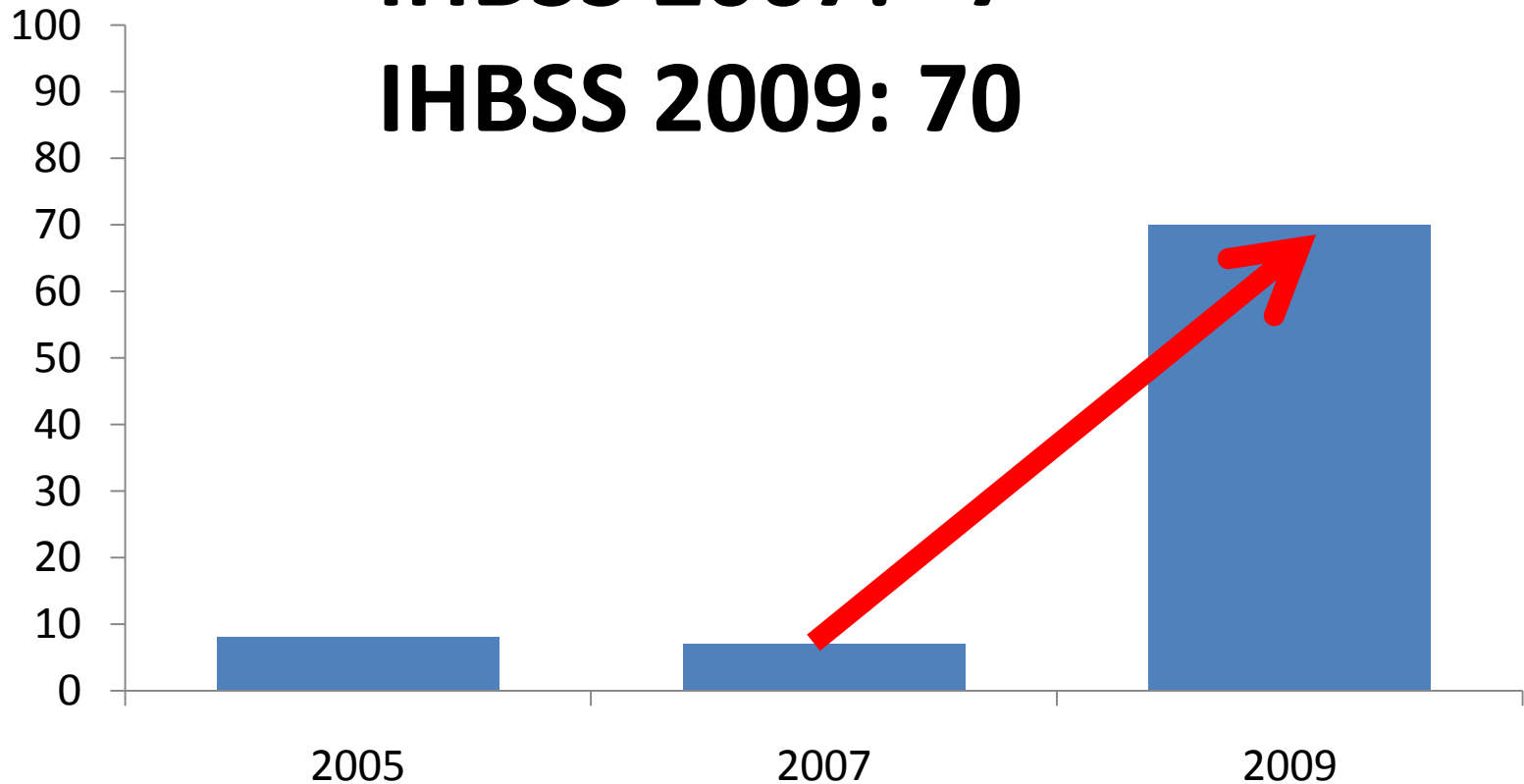
THIS IS IT! NEC TALKS ON HIV



IHBSS Results: HIV+

IHBSS 2007: 7

IHBSS 2009: 70



THIS IS IT! NEC TALKS ON HIV



2009 IHBSS Results: HIV+

Distribution of 70 HIV+ Respondents:

1%	IDU (2)
10%	Registered FSW (7)
23%	Freelance FSW (16)
65%	MSM (45)

Age range: 15 to 41yo (median 24yo)

Sex: 46 males, 24 females



Registered FSW Sites	HIV (#)	Prevalence (%)	Syphilis (#)	Prevalence (%)
ALL Sites	7	0.13	19	0.36
Sentinel Sites	7	0.23	9	0.30
R5 Sites	0	0	8	0.84
R6 Sites	0	0	2	0.15

Freelance FSW Sites	HIV (#)	Prevalence (%)	Syphilis (#)	Prevalence (%)
ALL Sites	16	0.39	100	2.41
Sentinel Sites	15	0.54	82	2.96
R5 Sites	1	0.20	4	0.80
R6 Sites	0	0	14	1.58



THIS IS IT! NEC TALKS ON HIV



MSM Sites	HIV (#)	Prevalence (%)	Syphilis (#)	Prevalence (%)
ALL Sites	45	0.99	95	2.09
Sentinel Sites	24	1.05	58	2.54
R5 Sites	7	0.88	19	2.39
R6 Sites	14	0.95	18	1.23
NCR ALL Sites	26	1.61	42	2.61
NCR Sentinel Sites	7	1.46	12	2.50
NCR R5 Sites	7	1.03	19	2.79
NCR R6 Sites	12	2.67	11	2.45



THIS IS IT! NEC TALKS ON HIV



IDU Sites	HIV (#)	Prevalence (%)	Syphilis (#)	Prevalence (%)	HCV (#)	Prevalence (%)
Sentinel Sites	2	0.21	22	2.30	337	35.18
IDU Site A	2	0.59	11	3.23	324	95.01



THIS IS IT! NEC TALKS ON HIV



All MARPs Sites	HIV (No.)	Prevalence (%)	Syphilis (No.)	Prevalence (%)
ALL Sites	70	0.47	236	1.58
IHBSS Sentinel Sites	48	0.53	171	1.90
R5 Sites	8	0.36	31	1.38
R6 Sites	14	0.38	34	0.91

In 2007, there was **1 HIV positive MARP per 1,000**
 In 2009, there are **5 HIV positive MARPs per 1,000**
 or **1 in every 200**



IHBSS Results for BED Assay

47% of all the HIV Positive cases were very recently infected (last 5 months)



THIS IS IT! NEC TALKS ON HIV



Prevalence Rates

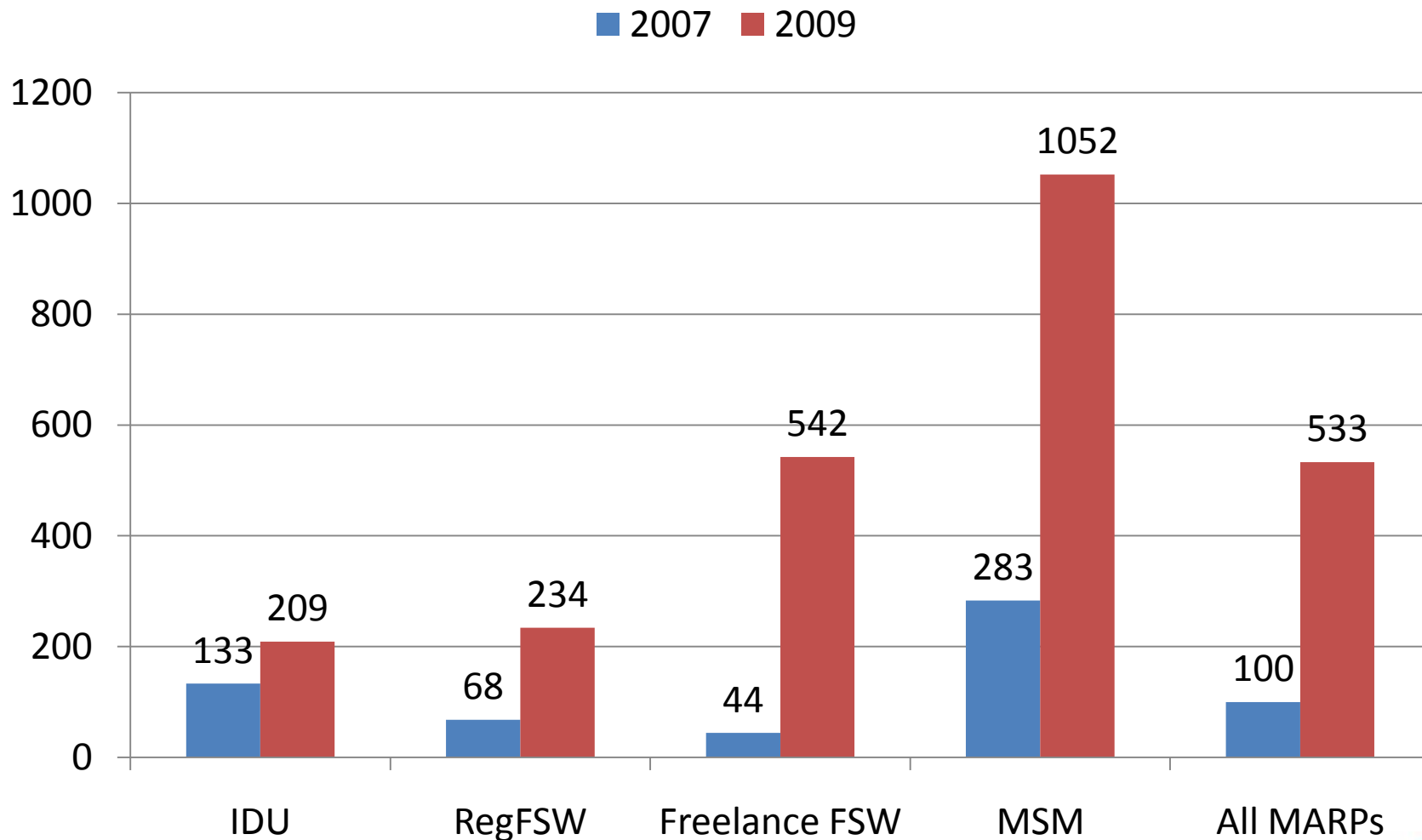
Most-At-Risk Population	2007 # of HIV+	2007 Prevalence per 100,000	2009 # of HIV+	2009 Prevalence per 100,000
Injecting Drug Use	1	133	2	209
Registered Establishment Female Sex Workers	2	68	7	234
Freelance Female Sex Workers	1	44	15	542
Males who have Sex with Males	3	283	24	1,052
All MARPs	7	100	48	533



THIS IS IT! NEC TALKS ON HIV



Prevalence Rates per 100,000 population



THIS IS IT! NEC TALKS ON HIV



Prevalence Rates (10 Sentinel Sites)

Most-At-Risk Population	2009 Prevalence per 100,000	Population Size Estimate	Total (10 sites)
Injecting Drug Use	209	6,890	14
Registered Establishment Female Sex Workers	234	156,127	365
Freelance Female Sex Workers	542	10,194	55
Males who have Sex with Males	1,052	162,592	1,710
All MARPs	533	335,803	2,145



THIS IS IT! NEC TALKS ON HIV



HIV & Syphilis Burden by Site

No HIV and <1% Syphilis	<1% HIV or >1% Syphilis Prevalence	>1% HIV Prevalence
Laoag Santiago Surigao Tuguegarao	Baguio Butuan Angeles Cagayan de Oro General Santos Iloilo Puerto Galera Puerto Princesa Zamboanga	Metro Cebu Metro Davao Metro Manila

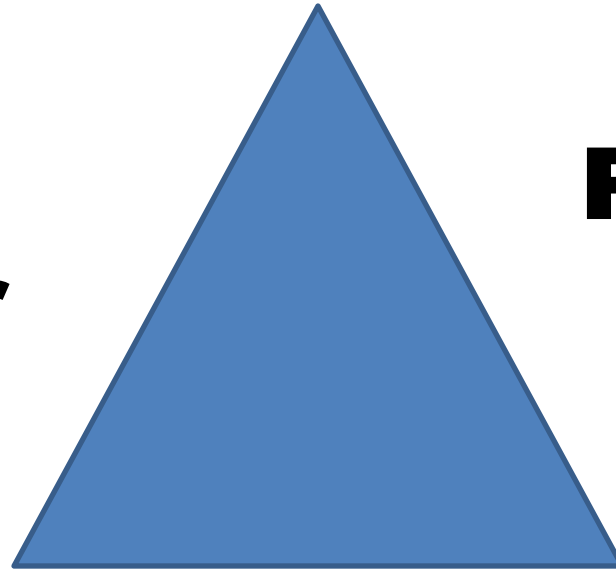


THIS IS IT! NEC TALKS ON HIV



HIV Infection: An Interplay of Factors

**Risky
Behavior**



**Prevention
Coverage**

**Presence of the
At Risk Population**

At Risk Populations Present in the Philippines

Female Sex Workers

Male Sex Workers

Males who have Sex with other Males

Injecting Drug Users

Clients of Sex Workers

Partners of the above mentioned



Risky Behaviors

- **Young age of firsts: penetrative sex & try injecting drugs**
- **Practice of anal sex**
- **Having multiple sexual partners**
- **Low condom use**
- **High needle sharing**
- **Convinced sex partners are not infected but few undergo voluntary HIV testing**

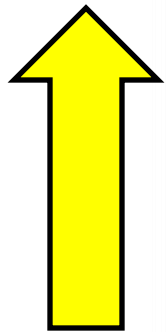


Prevention Activities

- **Social Hygiene Clinics**
 - Regularly accessed by Registered Establishment Based FSW
 - Low access by Freelance FSWs & MSMs
- **Low coverage of outreach activities**
- **Low coverage of distribution of preventive commodities**



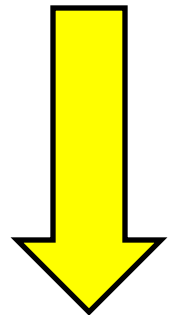
So what's causing the increase in HIV cases?



**Risky
Behavior**



**Prevention
Coverage**



Pilipinas! We have a problem!

INCREASING RATES of Sexually Transmitted Infections and HIV infected **FILIPINOS**

- highest numbers among males having unprotected sex with other males & injecting drug users who share needles
- urbanized areas
- younger age-groups

CO-EXISTENCE of **RISKY BEHAVIORS** among **MARPs**

- multiple sexual partners
- unprotected sex (especially during anal sex)
- sharing of needles

UNDER-ACHIEVED PREVENTION COVERAGE



THIS IS IT! NEC TALKS ON HIV



What will reverse this trend?

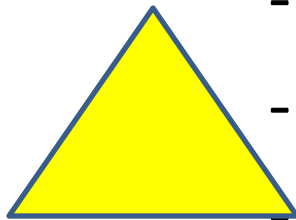


Management Imperatives

COMMIT TO MAXIMIZE COVERAGE OF PREVENTIVE MEASURES: “Not one less”

PRIORITIZE! Use strategic information

REDUCE RISKY BEHAVIOR: It’s everyone’s responsibility



- Personal responsibility
- Community responsibility
- Government responsibility

A.S.A.P. Strategy

AWARENESS & ADVOCACY

SURVEILLANCE & STRATEGIC INFORMATION

ACCESS to basic and comprehensive prevention services, testing, & treatment

PARTNERSHIP in Policies, Programs & Projects



THIS IS IT! NEC TALKS ON HIV



What the **National Government** should do A.S.A.P.

AWARENESS & ADVOCACY

- NDF, Advocacy Campaigns

SURVEILLANCE & STRATEGIC INFORMATION

- writing of the 5th AMTP to be finished by July 2010
- fill in urgent strategic information gaps in priority areas

ACCESS to basic and comprehensive prevention services, testing, & treatment

- Ensure availability of services for testing & treatment

PARTNERSHIP in Policies, Programs & Projects

- Organize Taskforces
- PNAC to review policies, strengthen partnerships, monitor our multi-sectoral response



THIS IS IT! NEC TALKS ON HIV



What the **local community & LGU** should do **A.S.A.P.**

AWARENESS & ADVOCACY

- local dissemination forum, outreach of MARPs

SURVEILLANCE & STRATEGIC INFORMATION

- know your local STI & HIV situation (invest in getting strategic information)

ACCESS to basic and comprehensive prevention services, testing, & treatment

- ensure access and match HIV testing)

PARTNERSHIP in Policies, Programs & Pdemand for services (giving accurate information, STI diagnosis & rojects

- empower the Local AIDS Council
- protect and support interventions for PLHIV (no to discrimination)



THIS IS IT! NEC TALKS ON HIV



What **you** should do A.S.A.P.

AWARENESS & ADVOCACY

- help spread the word

SURVEILLANCE & STRATEGIC INFORMATION

- get your facts right (PNAC & NASPCP website)

ACCESS basic and comprehensive prevention services, testing, & treatment

- protect yourself & know your status

PARTNERSHIP in Policies, Programs & Projects

- protect and support People Living with HIV





THIS IS IT!

**THIS IS OUR CHANCE
THIS IS OUR TIME**

**WHO CAN STOP HIV?
NOBODY...NOBODY... BUT YOU**



THIS IS IT! NEC TALKS ON HIV

