



# Potential Impact of Integrated Stigma Mitigation Interventions in Improving HIV/AIDS Service Delivery and Uptake for Key Populations in Senegal

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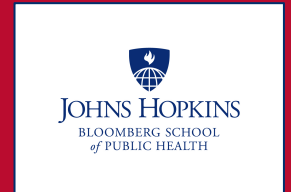
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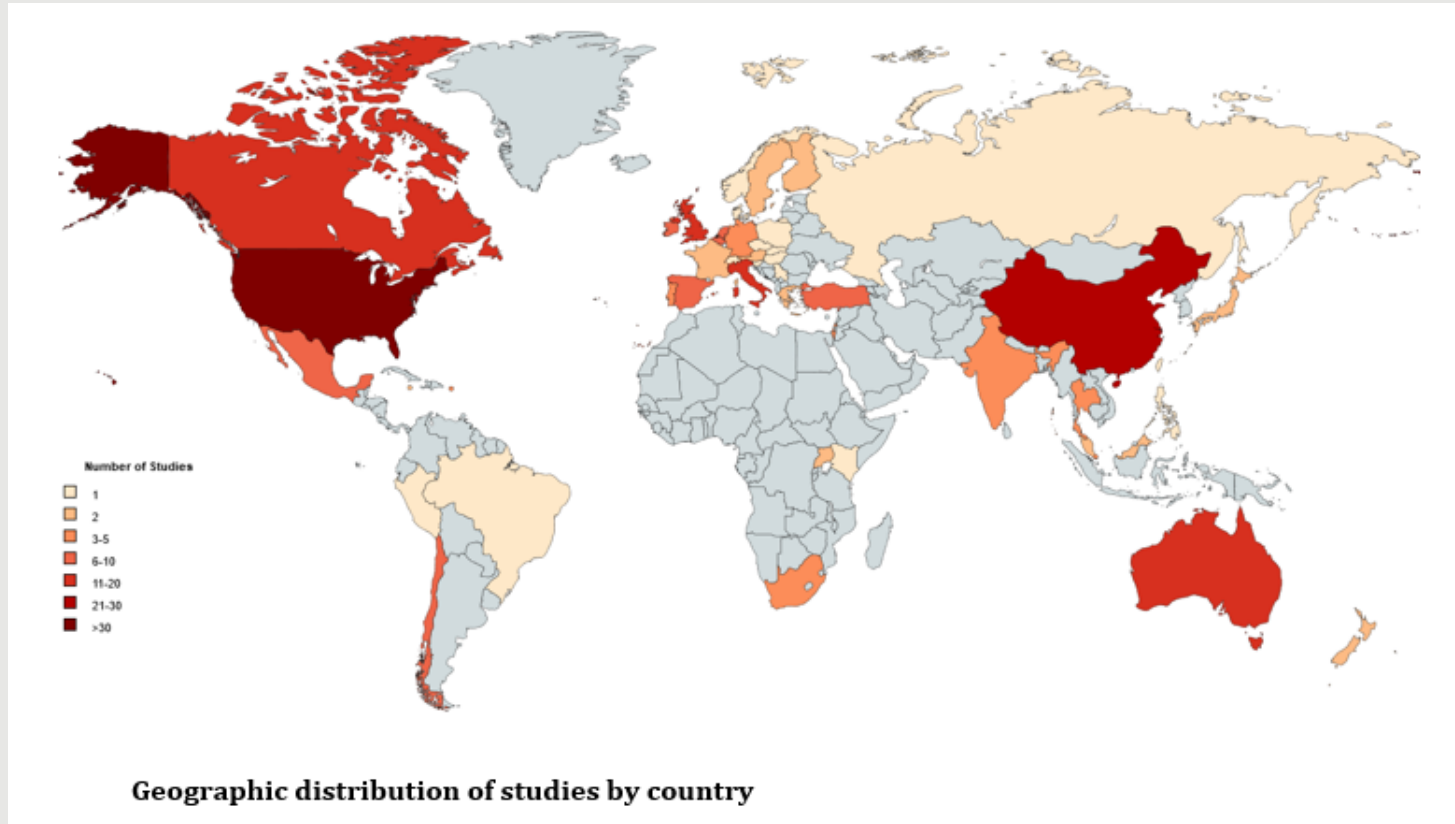
Center for Public Health and Human Rights



# Outline

- Stigma, HIV, and Key populations
- Stigma Intervention
- HIV Prevention 2.0 Study
  - Design
  - Intervention
  - Result
- Conclusions

# Where Stigma Data Are Available for Key Populations



# Potential Causal Pathway for Stigma and HIV-Risks

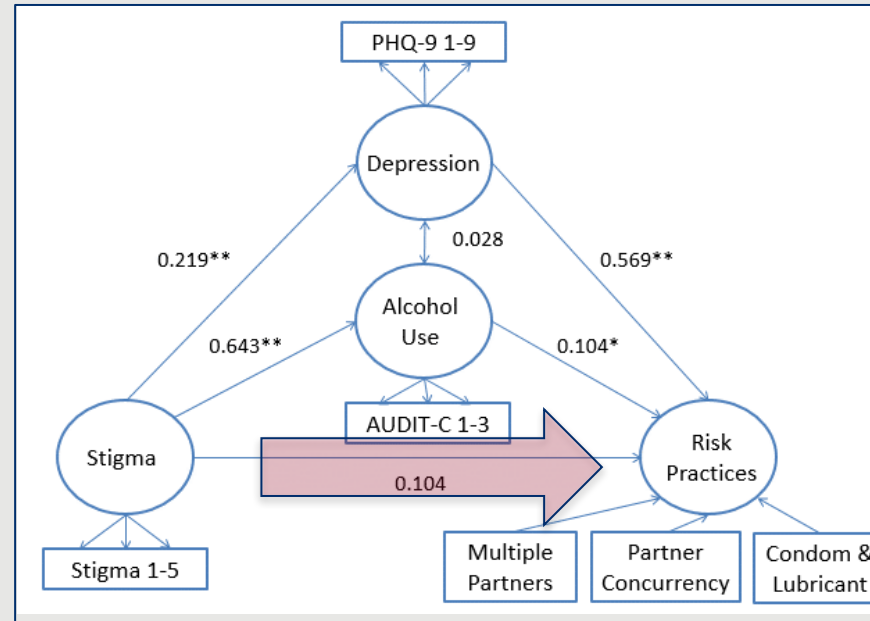
## Structural Equation Model

- Indirect effect of stigma in health system on sexual risk practices
- 527 MSM from Lesotho
- \* $p=0.072$ ; \*\* $p<0.01$

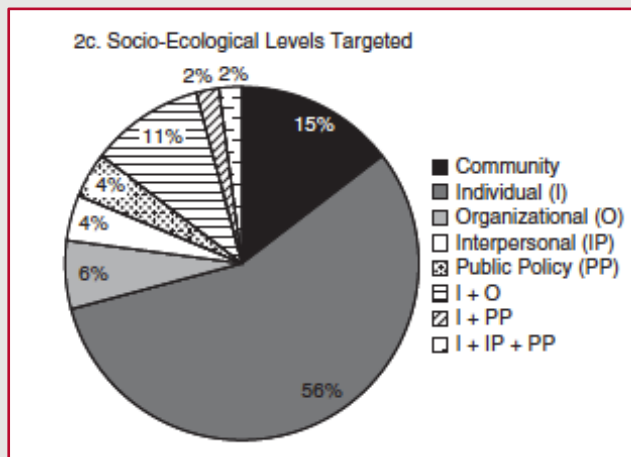
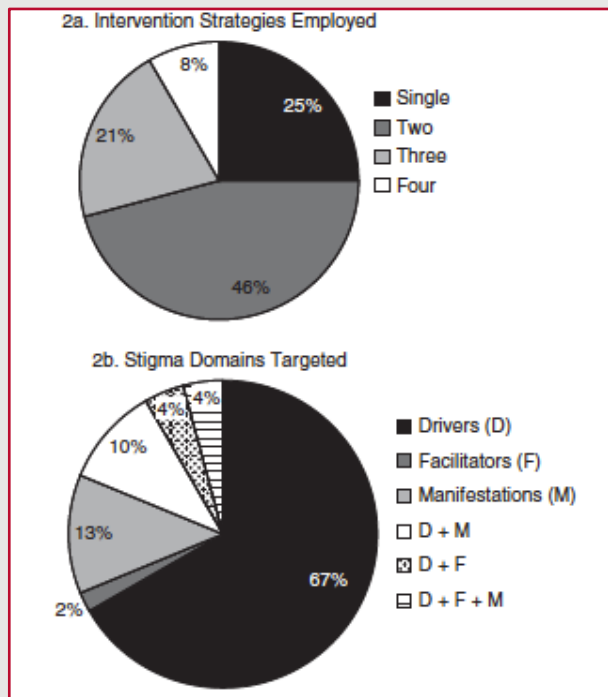
## Stigma as upstream determinant of HIV risk

## Opportunity

- Target stigma to improve HIV risk



# A systematic review of interventions to reduce HIV-related stigma and discrimination



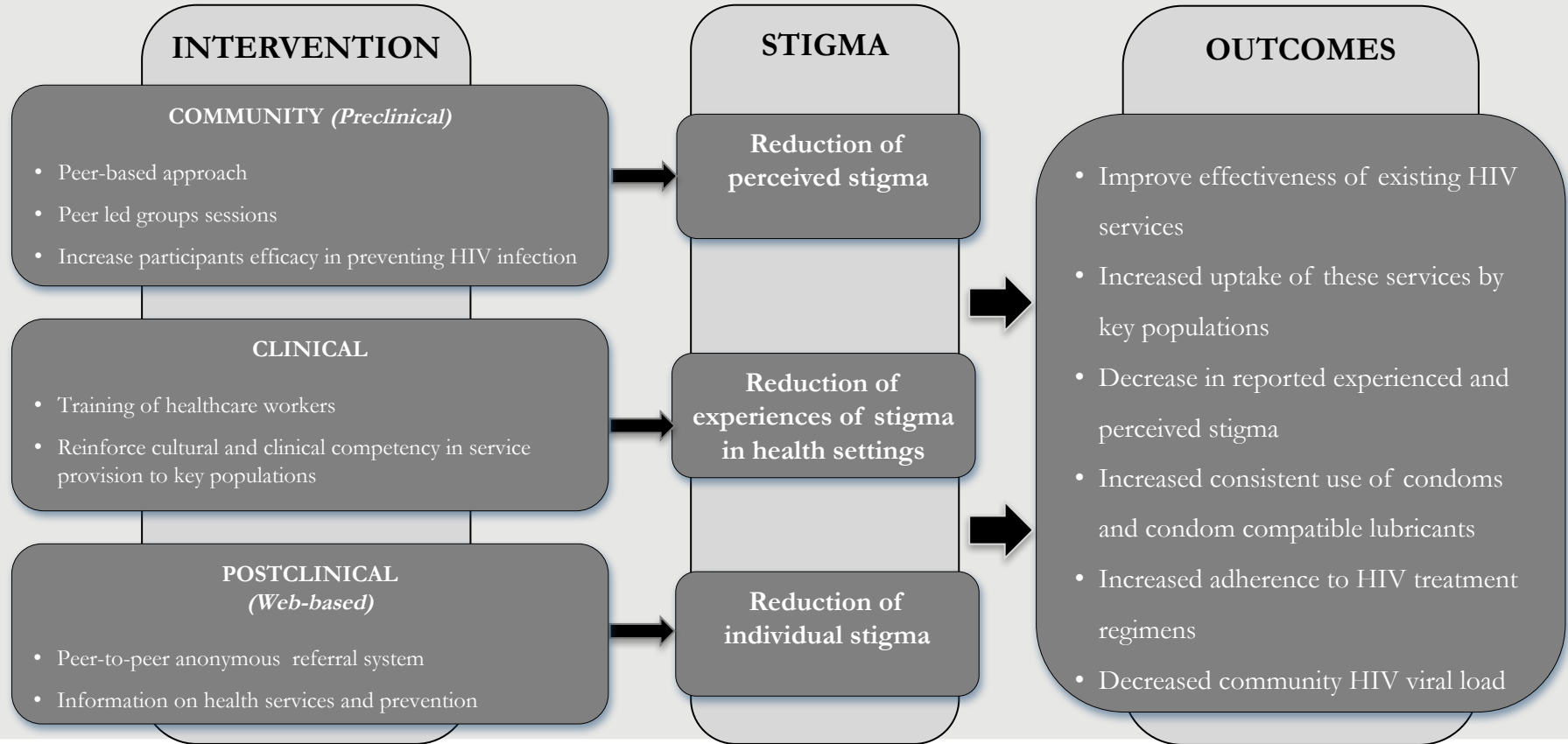
**Results:**  
Domains and levels targeted and approaches employed in the 48 studies.

- Multiple intervention strategies
- Target multiple stigma domains
- Target multiple socioecological levels

# HIV Prevention 2.0 Study

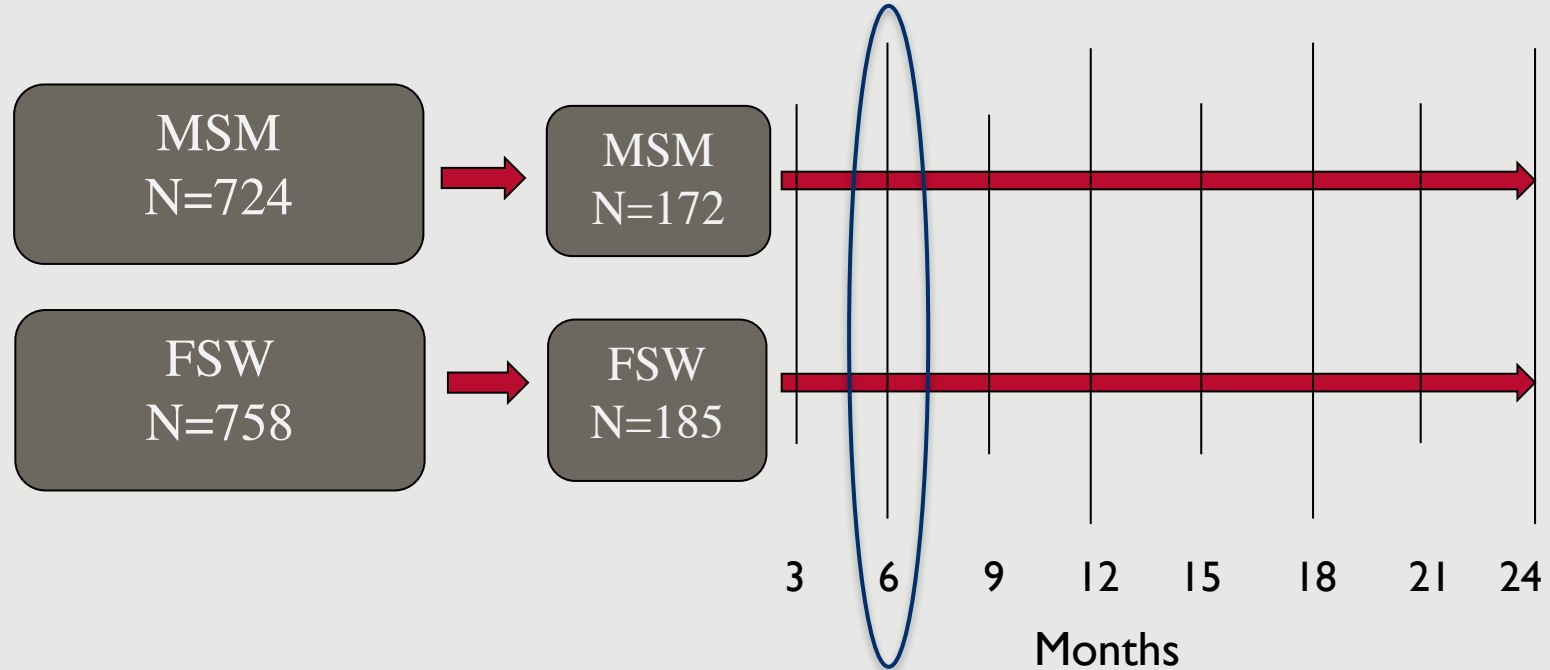
- **Objective:** Develop and Evaluate Integrated Stigma Mitigation Interventions
- **Study design:** longitudinal cohort
- **Study Population:**
  - Female sex workers
  - Men who have sex with men
- **Location:** Senegal
  - Dakar
  - Mbour
  - Theis

# Integrated Stigma Mitigation Intervention Framework for Key Populations



## Baseline

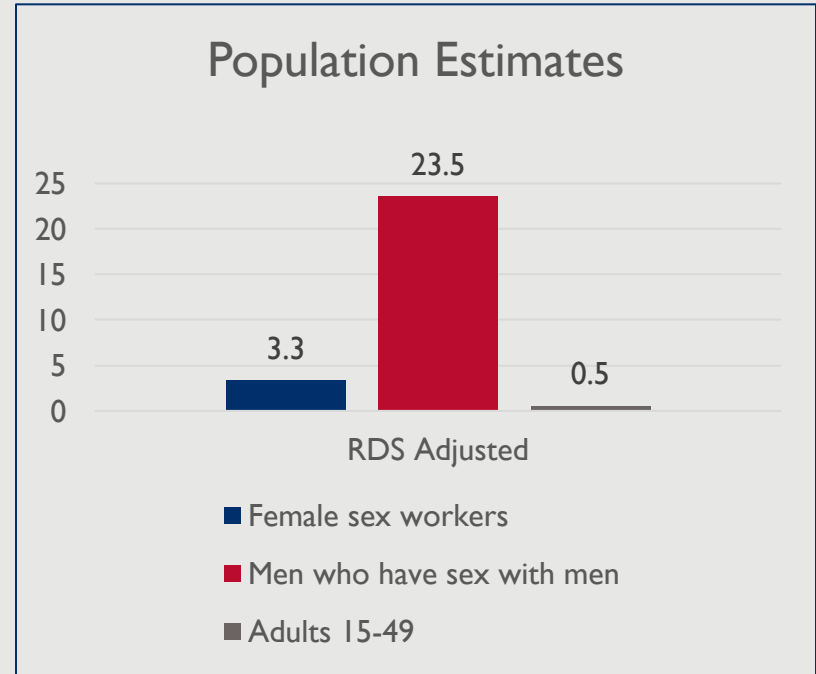
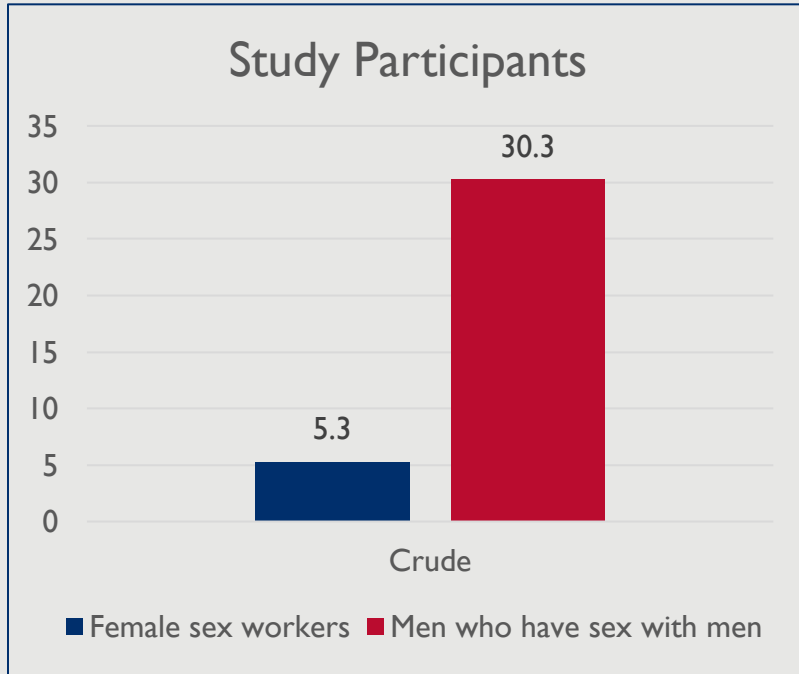
## 24 Month Follow up



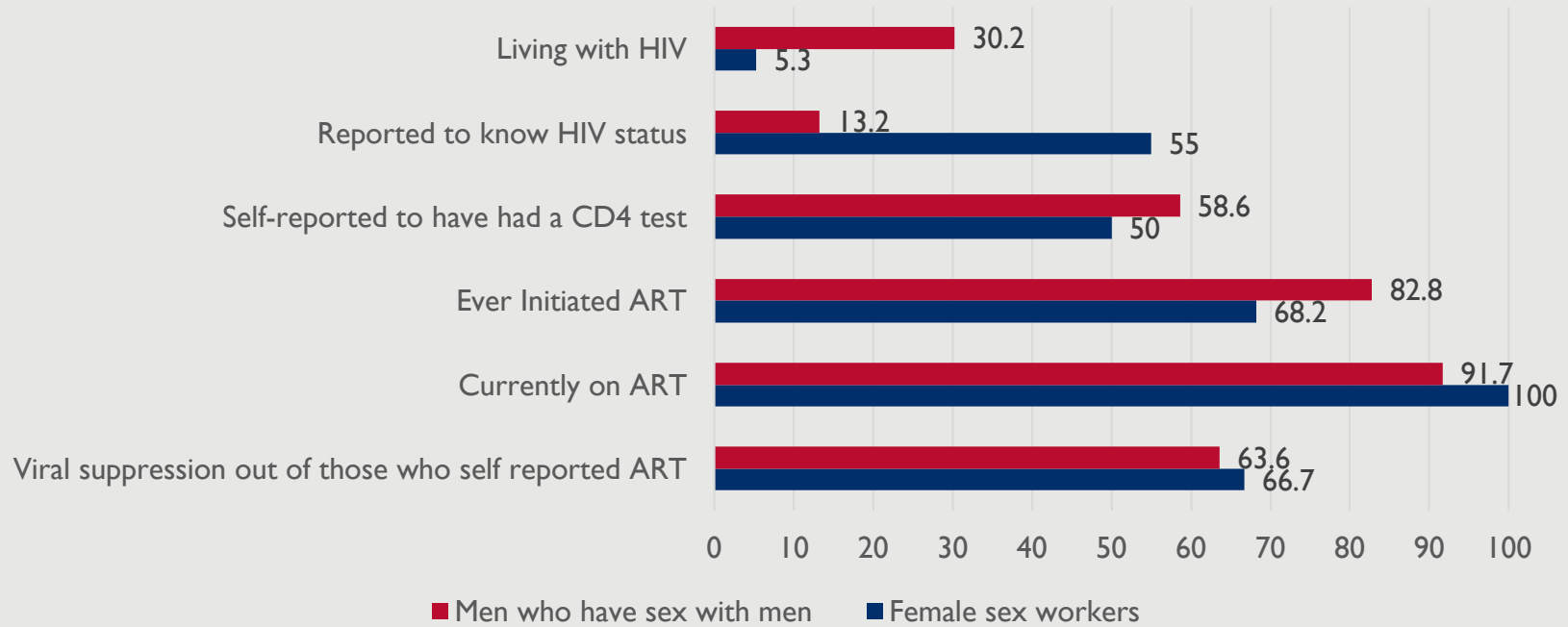
- Abbreviated questionnaires (months 3,9,15, 21)
- Full assessment (Baseline, 6, 12, 18, 24)



# HIV Prevalence



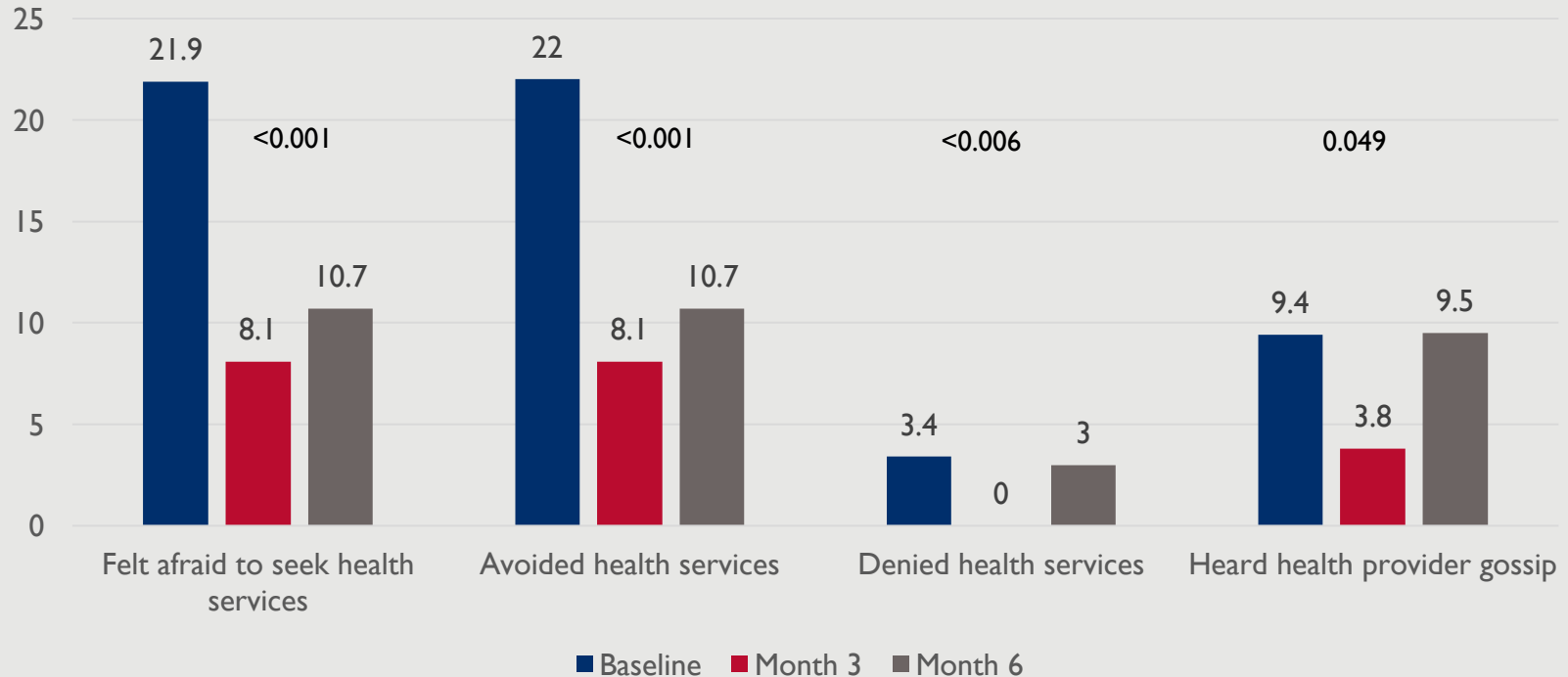
# HIV Continuum of Care at Baseline Among FSW and MSM in Senegal



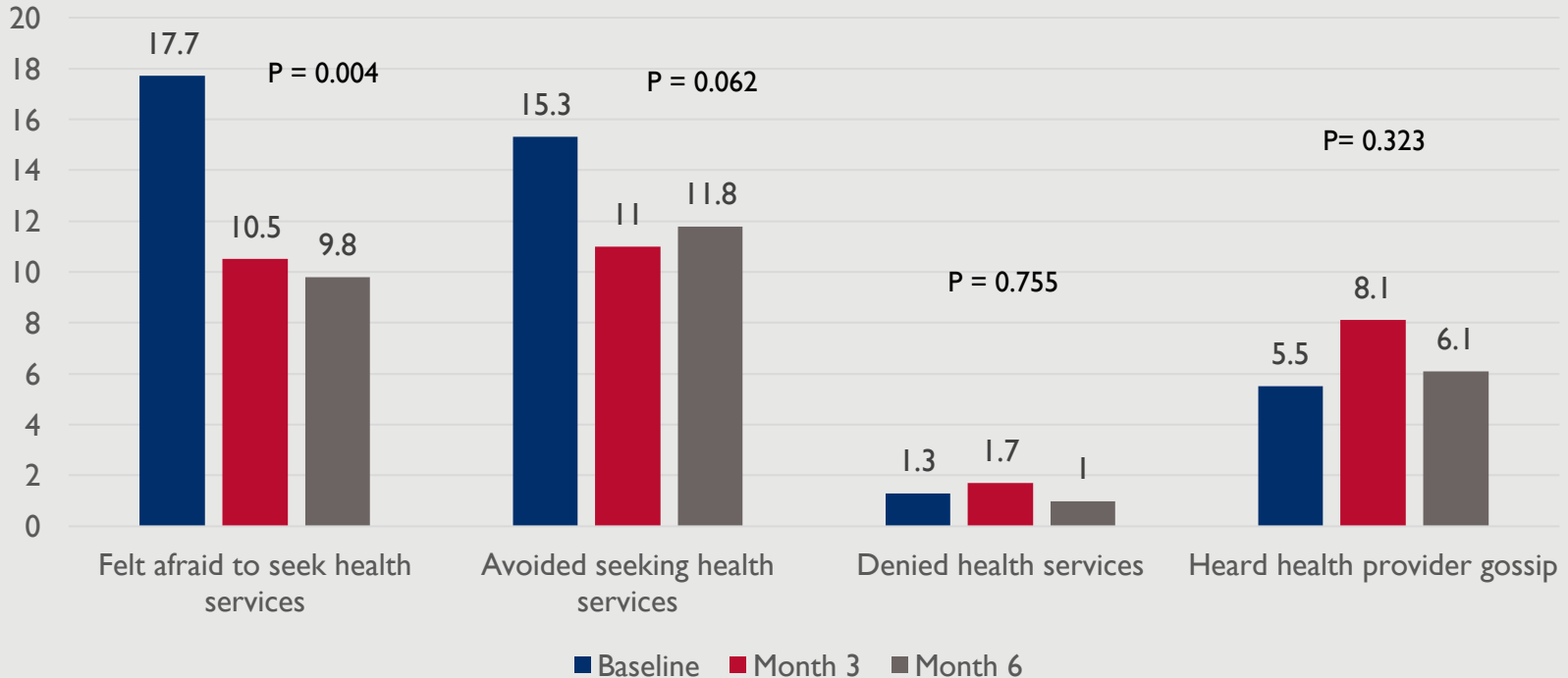
# Stigma Measures

Question	Stigma
Felt afraid seek health services because you worried someone may learn you have sex with men (MSM)/sell sex (FSW)	Perceived
Avoided seeking health services because you worried someone may learn you have sex with men (MSM)/sell sex (FSW)	Perceived
Denied health services or had someone keep you from receiving health services because have sex with men (MSM)/sell sex (FSW)	Enacted
Heard health care providers make discriminatory remarks or gossip about you because you have sex with men (MSM)/sell sex (FSW)	Enacted

# Perceived and Enacted Stigma Among Female Sex Workers at Baseline, 3 Months, and 6 Months



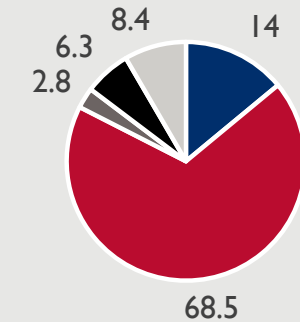
# Perceived and Enacted Stigma Among Men Who Have Sex with Men at Baseline, 3 Months, and 6 Months



# Implementation Outcomes

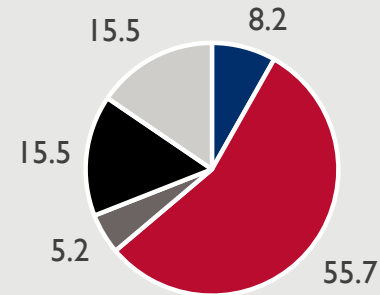
The workshop(s) were effective in addressing stigma

Female sex workers



- Strongly agree
- Agree
- Netiher agree or disagree
- Disagree
- Strongly disagree

Men who have sex with men

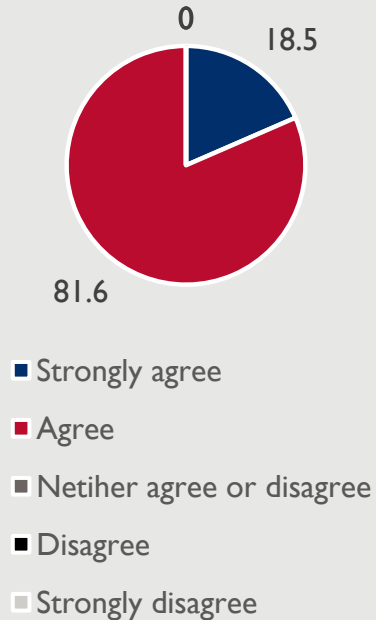


- Strongly agree
- Agree
- Netiher agree or disagree
- Disagree
- Strongly disagree

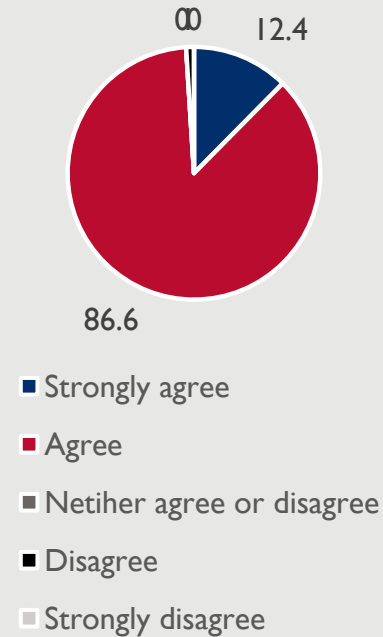
# Implementation Outcomes

The topics covered in the workshop(s) were relevant to my life

Female sex workers



Men who have sex with men



## Lessons from Preliminary Stigma Data

- Reduction was observed in perceived stigma, however enacted stigma in the healthcare setting did not significantly decrease from baseline.
- Increased resiliency amongst participants in the cohort.
- Need to continue perceived stigma reduction efforts with cohort participants in order to maintain progress despite continued experience of stigma.



## Conclusions

- Reinforces the need for stigma mitigation interventions to be combined with enhanced linkage and retention to HIV care and treatment to optimize HIV outcomes among key populations.
- Although stigma is understood to be an important determinant of HIV risks, less is known about effective interventions to reduce stigma amongst key populations.
- Baseline and follow up data suggested the potential utility of the multicomponent ISMI
- There is an urgent need to address stigma in order to improve the health and human rights of key populations in Senegal, and globally.

# Acknowledgements

- **Study Participants**
- **Key Populations Program**
  - Stefan Baral, Gnilane Turpin Nunez, Sosthenes Ketende, Ben Liestman, Sheree Schwartz, Karleen Coly, Shauna Stahlman
- **Enda Santé**
  - Daouda Diouf, Fatou Drame, Ibrahima Ba, Nguissali Turpin, Rebecca Ezouatchi
- **DANTEC**
  - Souleymane Mboup, Nafi Diouf, Halimatou Diop, Coumba Toure-Kane
- **DLSI**
  - Cheikh Ndour, Karim Diop, Abdoulaye Wade (Retired)
- **JHU CCP**
  - Lynn Van Lith, Beth Mallalieu
- **USAID Headquarters and West And Central Africa**
  - Alison Cheng, Delivette Castor, Aisha Yansaneh, Laurent Kapesa, Tisha Wheeler, Cameron Wolf, Katie Harris