# Goals Model

### **Population**

Stable couples
Multiple partners
FSW and clients
MSM
PWID

## Behaviors

# of partners

Acts per partner

Condom use

Age at 1<sup>st</sup> sex

Needle sharing

## **Epi Factors**

Stage of infection
Infectiousness by stage
Effects of other STIs
Viral suppression

Probability of Transmission

Male -> Female

Female -> Male

**MSM** 

Needle sharing

New HIV Infections

By age, sex and population group

#### **Behavior Change**

- Outreach, Education
- Communication
- Community mobilization
- Cash transfers

#### Biomedical

- Condoms
- PrEP
- VMMC
- Vaccines

- ART
- PMTCT