

# HIVanish A PROGRAM ADDRESSING HIV RATES IN TRANSGENDER SEX WORKERS IN WASHINGTON D.C.

Evangeline Wang BSPH(c)
Faculty Advisor: Comfort Olorunsaiye, PhD
Department of Public Health

## BACKGROUND

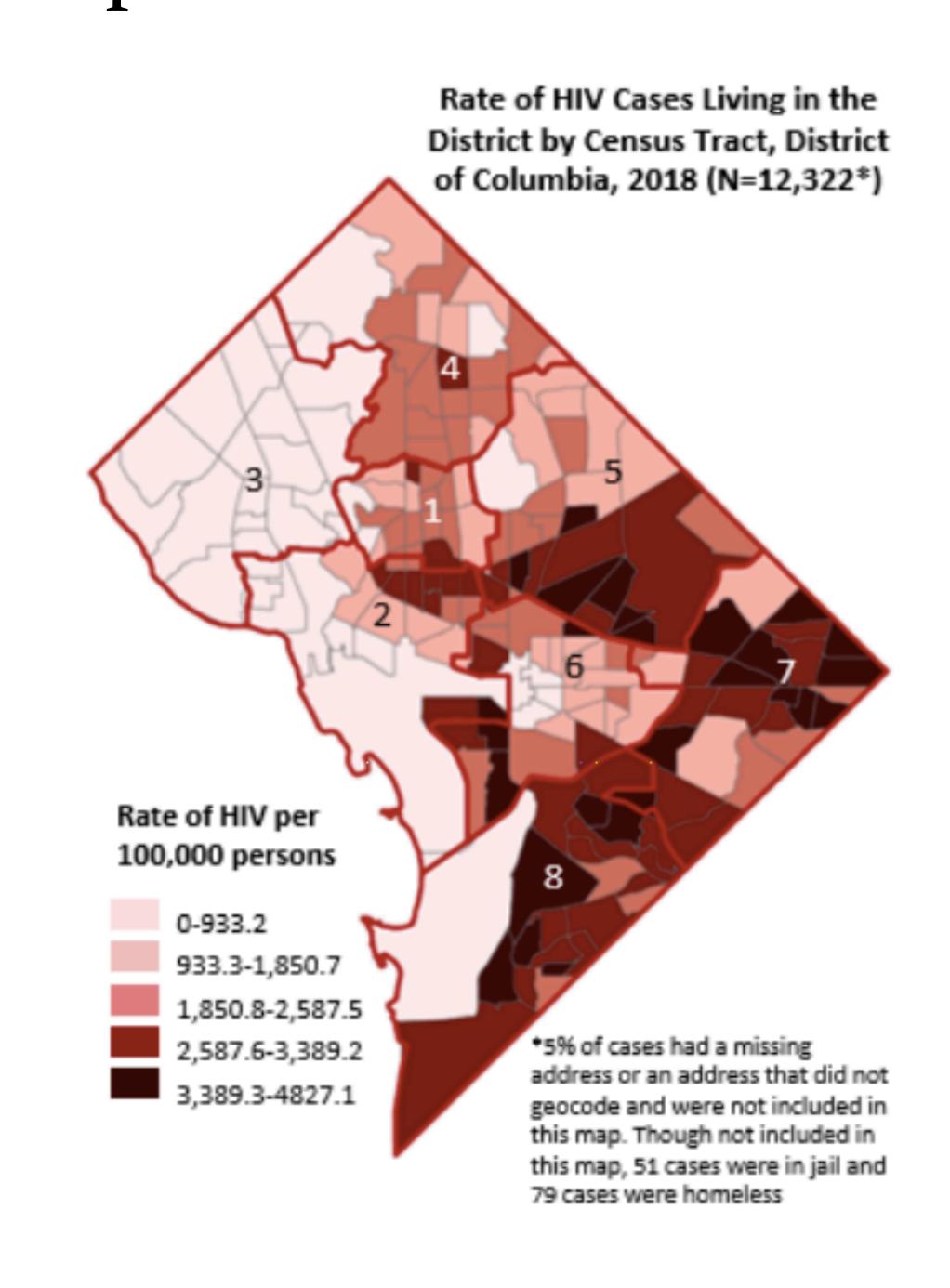
- HIVanish aims to reduce of Human Immunodeficiency Virus (HIV) among transgender sex workers (TSWs) in Washington D.C.
- HIV destroys CD4/T cells leaving body vulnerable to opportunistic infections<sup>1</sup>
- HIV is transmitted through bodily fluids<sup>1</sup>
- Sexual contact or intravenous drugs increases transmission risk<sup>1</sup>
- Disproportionate prevalence –TSWs:
   27.3% non sex workers: 14.7% <sup>2,3</sup>

# EXPECTED RESULTS

- Distribution of supplies, provision of case management services, HIV and STI testing, and peer-led educational sessions should lead to decrease in HIV transmission rates among TSWs
- Harm reduction knowledge and safer sex strategies will increase by 70% from the beginning of education sessions

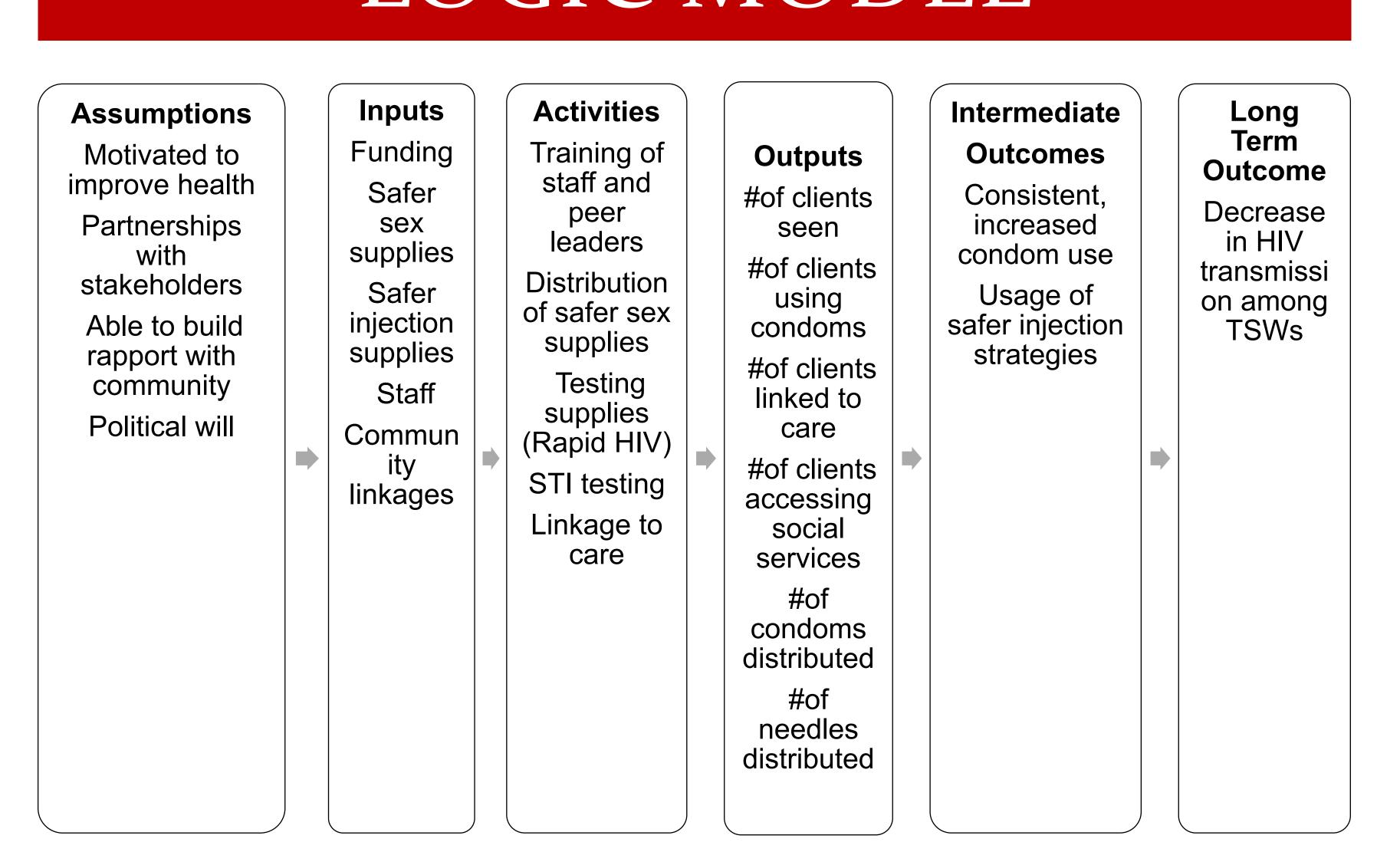
# ACKNOWLEDGEMENTS

Thank you Ms. Mang Chang for providing expert feedback to the program



Rate of HIV per 100,000 persons in each ward of Washington D.C.<sup>5</sup>

# LOGIC MODEL



## CONCLUSION

HIVanish helps provide comprehensive and culturally sensitive health care to TSWs to reduce HIV transmission rates. Until systematic policy changes address healthcare gaps among vulnerable populations, HIVanish will continue to serve TSWs in D.C.

# GOALS AND OBJECTIVES



•Minimize risky sexual behaviors in transgender sex workers in Washington D.C.<sup>4</sup>



•Reduce HIV incidence among transgender sex workers in Washington D.C.<sup>4</sup>

# METHODS

- Drop-in Center With Client Services
- Monthly Peer-Led Educational Sessions
- Mobile Health Clinic

#### REFERENCES

- 1. HIV Transmission. (2019, August 6). Retrieved from
- https://www.cdc.gov/hiv/basics/transmission.html
  Poteat, T., Wirtz, A.L., Radix, A., Bórquez, A., & Operario, D. (2015). HIV risk and preventive interventions in transgender women sex workers. *The Lancet, 385*, 274-286
- 3. Baral SD, Poteat T, Stromdahl S, Wirtz AL, Guadamuz TE, and Beyrer C: Worldwide burden of HIV in transgender women: a systematic review and meta-analysis. Lancet Infect Dis 2013; 13: pp. 214-222
- 4. District of Columbia Department of Health HIV/AIDS, Hepatitis, STD, and TB Administration (HAHSTA). (n.d.). Annual Epidemiology & Surveillance Report: Data Through December 2018. Annual Epidemiology & Surveillance Report: Data Through December 2018
- 5. District of Columbia Department of Health HIV/AIDS, Hepatitis, STD, and TB Administration (HAHSTA). (n.d.). *Annual Epidemiology & Surveillance Report: Data Through December 2019. Annual Epidemiology & Surveillance Report: Data Through December 2019*