

Supplemental Table 1. Locations of MSM Testing Initiative activities, 2012–2015

Atlanta, Georgia
Baltimore, Maryland
Birmingham, Alabama
Charlotte, North Carolina
Chicago, Illinois
Dallas, Texas
Detroit, Michigan
Houston, Texas
Las Vegas, Nevada
Lexington, Kentucky
Los Angeles, California
Miami, Florida
Midwest City, Oklahoma
New Orleans, Louisiana
New York City, New York
Oakland, California
Orlando, Florida
Palm Springs, California^a
Pensacola, Florida^a
Philadelphia, Pennsylvania
San Francisco, California
San Juan, Puerto Rico
St. Louis, Missouri
Tallahassee, Florida
Washington, DC

^a No transgender women were tested with the MSM Testing Initiative in these cities.

Supplemental Table 2. Test positivity by demographic and behavioral characteristics and HIV testing history among 2,191 HIV tests conducted with transgender women in 23 U.S. cities, 2012–2015

	Positivity (%)	PR	95% CI	P
Total	4.0	—	—	—
Race/ethnicity				
Non-Hispanic black	6.7	2.99	(1.39–6.44)	0.005
Non-Hispanic white	2.3	Ref	—	—
Hispanic or Latina	1.8	0.80	(0.33–1.95)	0.616
Non-Hispanic Other	1.7	0.76	(0.20–2.90)	0.690
Age (years)				
< 18	2.5	1.50	(0.81–2.75)	0.194
18-24	4.4	1.25	(0.64–2.46)	0.510
25-29	3.7	1.83	(0.83–4.05)	0.136
30-39	3.0	Ref	—	—
40-49	5.4	1.61	(0.47–5.47)	0.444
≥ 50	4.8	0.85	(0.11–6.37)	0.871
Recruitment and venue type				
VBT, clinical testing site	9.1	3.31	(0.85–12.84)	0.083
VBT, non-clinical testing site	3.0	Ref	—	—
Large-scale episodic events	9.3	3.09	(1.47–6.52)	0.003
Social network strategy ^a	10.0	3.01	(1.84–4.93)	<0.001
Couples' voluntary counseling and testing	0	—	—	—
Internet/At-home testing	0	—	—	—
Sex with PWH in past 12 months				
Yes	11.9	3.54	(2.05–6.09)	<0.001
No	3.4	Ref	—	—
Sex with PWID in past 12 months				
Yes	4.9	1.30	(0.54–3.12)	0.554
No	3.8	Ref	—	—

Sex without a condom during past 12 months				
Yes	4.5	2.22	(1.22–4.04)	0.009
No	2.0	Ref	—	—
Injected drugs during past 12 months				
Yes	8.8	2.33	(0.98–5.55)	0.056
No	3.8	Ref	—	—
Gender of sex partners during past 12 months				
No partners	1.2	0.86	(0.32–2.31)	0.759
Male partners only	3.9	Ref	—	—
Female partners only	5.3	1.35	(0.20–9.23)	0.759
Male and female partners	4.3	1.09	(0.41–2.94)	0.861
Transgender partners ^b	3.3	0.32	(0.04–2.25)	0.251
Previously tested for HIV				
Yes	4.0	Ref	—	—
No	1.5	0.37	(0.12–1.17)	0.091

Abbreviations: PR, unadjusted prevalence ratio; CI, confidence interval; VBT, venue-based testing; PWH, person with HIV; PWID, person who injects drugs.

Bold text indicates statistically significant association at $p < 0.05$.

^aPersons testing positive or those testing negative but found to be at high risk identified and recruited persons at risk from their social, sexual, or drug-using networks for testing

^bIncludes participants who reported having transgender partners regardless of reporting male or female partners