



# Epi Data Tables

New York City Department of Health and Mental Hygiene

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## Sexual Activity among HIV-Positive Persons in Care in New York City

### Data Tables

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### Data Source

**Prevention with Positives Pilot Project** is a sexual risk screening and counseling intervention implemented in January 2012 by the Health Department's Bureau of HIV/AIDS Prevention and Control in collaboration with six HIV primary care clinics in diverse settings in New York City. As part of the Prevention with Positives Pilot Project, a sexual behavior screening tool was built into each clinic's electronic medical record system. The tool was used with all patients as part of regular HIV primary care visits. This brief presents baseline data self-reported by all HIV-positive clinic patients in care in the first two clinics to start the project (January 2012 – August 2013). The screening tool collected information on four sexual behaviors: condomless sex, multiple sexual partners, sex under the influence of drugs or alcohol and sex in exchange for drugs or money.

To access the related Epi Data Brief, go to [nyc.gov/html/doh/downloads/pdf/epi/databrief52.pdf](http://nyc.gov/html/doh/downloads/pdf/epi/databrief52.pdf)



**Table 1. Characteristics of a population of HIV-positive patients, overall and by clinic, New York City**

Source: Prevention with Positives Pilot Project Data, January 2012 to August 2013

	Overall		Clinic 1		Clinic 2		P-value*
	Number	Percent	Number	Percent	Number	Percent	
<b>Total Number of Baseline Screens</b>	1334	100%	1000	100%	334	100%	
<b>Sex</b>							
Male	947	71%	740	74%	207	62%	<b>&lt;.0001</b>
Female	387	29%	260	26%	127	38%	
<b>Race/Ethnicity<sup>1</sup></b>							
Black/African-American^	715	54%	672	67%	43	13%	<b>&lt;.0001</b>
Hispanic/Latino	314	24%	84	8%	230	69%	
White^	110	8%	75	8%	35	10%	
Other Race†	194	15%	169	17%	25	7%	
<b>Age (category)</b>							
<26 years old	95	7%	78	8%	17	5%	<b>0.0206</b>
26 to 35	226	17%	183	18%	43	10%	
36 to 45	291	22%	217	22%	74	22%	
46 to 55	441	33%	327	33%	114	34%	
56 or older	281	21%	195	20%	86	26%	
<b>Mean age (range)</b>	45 (16,80)		44 (17,80)		47 (16,73)		0.6761
<b>Borough of residence</b>							
Bronx	444	33%	436	44%	8	2%	<b>&lt;.0001</b>
Brooklyn	382	29%	95	10%	287	86%	
Manhattan	409	31%	404	40%	5	1%	
Queens	32	2%	28	3%	4	1%	
Staten Island	30	2%	3	0%	27	8%	
Outside NYC/Unknown	37	3%	34	3%	3	1%	
<b>Sexual Partnering (past 3 months)</b>							
MSM	242	18%	200	20%	42	13%	<b>0.0025</b>
MSW	235	18%	177	18%	58	17%	
WSM	163	12%	109	11%	54	16%	
WSW	7	1%	7	1%	0	0%	
No Sexual Activity	687	51%	507	51%	180	54%	

\* The P-value represents within group differences between Clinic 1 and Clinic 2. A P-value is a measure of statistical significance. A bold P-value, less than .05, signifies a significant difference between groups. For example the P-value of <.0001 for Race/Ethnicity indicates that Clinic 1 and Clinic 2 differ significantly in respect to the racial/ethnic makeup of clinic patients.

<sup>1</sup> Responses in this group do not total Overall numbers due to responses not collected/question refused by patients.

^ non-Hispanic

† Other Race" category is comprised of patients who identify as Asian, American Indian/Alaska Native, and Native Hawaiian/Pacific Islander, and patients who identify as "multiple races" without providing information about their specific racial makeup.

**Table 2. High risk sexual behaviors among sexually active HIV-positive patients, overall and by clinic,<sup>1</sup> New York City**

Source: Prevention with Positives Pilot Project, January 2012 to August 2013

	Overall		Clinic 1 (n=507)		Clinic 2 (n=156)	
	Number	Percent	Number	Percent	Number	Percent
<b>Exchange Sex (past 3 months)<sup>†</sup></b>						
Yes	31	5%	26	5%	5	3%
No	630	95%	481	95%	149	96%
<b>Vaginal or Anal Intercourse without a Condom (last sexual encounter)</b>						
Yes	210	32%	175	35%	35	22%
No	435	66%	316	62%	119	76%
<b>Sex under the Influence (past 3 months)<sup>††</sup></b>						
Yes	164	25%	138	27%	26	17%
No	440	66%	313	62%	127	81%
<b>Multiple Sexual Partners (past 3 months)</b>						
Yes	197	30%	165	33%	32	21%
No	466	70%	342	68%	124	79%

<sup>†</sup> Responses among groups may not total overall numbers due to responses not collected/question refused by patients.

<sup>†</sup> Exchange sex: Sex in exchange for drugs, money, gifts or somewhere to live in the past three months.

<sup>††</sup> Sex under the influence: anal or vaginal sex while under the influence of drugs or alcohol in the past three months.

**Table 3. High risk sexual behaviors among sexually active HIV-positive patients, overall and by gender, race/ethnicity, age and sexual partnering,1 New York City**

Source: Prevention with Positives Pilot Project, January 2012 to August 2013

	Any Risk Reported			Condomless Sex <sup>†</sup>			Sex Under the Influence <sup>††</sup>			Multiple Sexual Partners			Exchange Sex <sup>†††</sup>		
	0 risks n (%)	1 or more n (%)	p-value	No n (%)	Yes n (%)	p-value	No n (%)	Yes n (%)	p-value	No n (%)	Yes n (%)	p-value	No n (%)	Yes n (%)	p-value
<b>Number of baseline screens reporting sexual activity in the past three months</b>	277 (42%)	386 (58%)	n/a	435 (67%)	210 (33%)	n/a	440 (73%)	164 (27%)	n/a	466 (70%)	197 (30%)	n/a	630(95%)	31 (5%)	n/a
<b>Sex</b>															
Male	186 (38%)	303 (62%)	<b>0.0011</b>	327 (69%)	149 (31%)	0.2538	304 (68%)	140 (32%)	<b>&lt;.0001</b>	301 (62%)	188 (38%)	<b>&lt;.0001</b>	462 (95%)	25 (5%)	0.3699
Female	91 (52%)	83 (48%)	Referent	108 (64%)	61 (36%)	Referent	136 (85%)	24 (15%)	Referent	165 (95%)	9 (5%)	Referent	168 (97%)	5 (3%)	Referent
<b>Race/Ethnicity</b>															
Black/African-American <sup>^</sup>	154 (42%)	217 (59%)	0.1823	245 (68%)	115 (32%)	<b>0.0136</b>	245 (73%)	91 (27%)	0.1125	261 (70%)	110 (30%)	0.4165	352 (95%)	19 (5%)	0.6360
Hispanic/Latino	79 (52%)	72 (48%)	<b>0.0139</b>	118 (79%)	32 (21%)	<b>0.0002</b>	113 (80%)	28 (20%)	<b>0.0133</b>	116 (77%)	35 (23%)	0.0995	145 (96%)	6 (4%)	0.4342
White <sup>^</sup>	14 (31%)	31 (69%)	Referent	21 (49%)	22 (51%)	Referent	25 (61%)	16 (39%)	Referent	29 (64%)	16 (36%)	Referent	41 (93%)	3 (7%)	Referent
Other Race <sup>*</sup>	30 (32%)	65 (68%)	0.9556	51 (56%)	40 (44%)	0.4353	56 (66%)	29 (34%)	0.5905	59 (62%)	36 (38%)	0.7890	91 (97%)	3 (3%)	0.3413
<b>Age (category)</b>															
<26 years old	12 (19%)	51 (81%)	<b>&lt;.0001</b>	35 (58%)	25 (42%)	<b>&lt;.0001</b>	31 (52%)	29 (48%)	<b>0.0006</b>	35 (56%)	28 (44%)	<b>0.0058</b>	56 (90%)	6 (10%)	<b>0.0382</b>
26 to 35	43 (28%)	110 (72%)	<b>0.0003</b>	92 (61%)	60 (39%)	<b>0.0340</b>	90 (62%)	55 (38%)	<b>0.0072</b>	85 (56%)	68 (44%)	<b>0.0010</b>	146 (95%)	7 (5%)	0.1748
36 to 45	70(47%)	79 (53%)	0.4829	98 (68%)	47 (32%)	<b>0.0238</b>	103 (77%)	30 (23%)	0.7194	110 (74%)	39 (26%)	0.5910	140 (95%)	8 (5%)	0.1256
46 to 55	105 (51%)	102 (49%)	0.8832	144 (72%)	56 (28%)	0.2308	150 (82%)	33 (18%)	0.6359	166 (80%)	41 (20%)	0.5222	198 (96%)	9 (4%)	0.1846
56 or older	47 (52%)	44 (48%)	Referent	66 (75%)	22 (25%)	Referent	66 (80%)	17 (20%)	Referent	70 (77%)	21 (23%)	Referent	90 (99%)	1 (1%)	Referent
<b>Sexual Partnering (past 3 months)<sup>o</sup></b>															
MSM	66 (27%)	176 (73%)	<b>&lt;.0001</b>	155 (65%)	85(35%)	0.7317	130 (58%)	96 (42%)	<b>&lt;.0001</b>	116 (48%)	126 (52%)	<b>&lt;.0001</b>	224 (93%)	18 (7%)	0.1270
MSW	112 (48%)	123 (52%)	0.2368	170 (74%)	60 (26%)	0.1028	169 (79%)	44 (21%)	0.1320	173 (74%)	62 (26%)	<b>&lt;.0001</b>	228 (97%)	7 (3%)	0.6905
WSW	1 (14%)	6 (86%)	0.0755	1 (14%)	6 (86%)	<b>0.0240</b>	6 (86%)	1 (14%)	0.9890	7 (100%)	0 (0%)	0.9881	7 (100%)	0 (0%)	0.9867
WSM	87 (54%)	75 (46%)	Referent	106 (66%)	54 (34%)	Referent	130 (86%)	22 (14%)	Referent	153 (94%)	9 (6%)	Referent	156 (96%)	6 (4%)	Referent

<sup>1</sup> Responses among groups may not total overall numbers due to responses not collected/question refused by patients.

<sup>†</sup> Condomless sex: Vaginal or anal intercourse without a condom at last sexual encounter.

<sup>††</sup> Sex under the influence: anal or vaginal sex while under the influence of drugs or alcohol in the past three months.

<sup>†††</sup> Exchange sex: Sex in exchange for drugs, money, gifts or somewhere to live in the past three months.

<sup>^</sup> Non-Hispanic

<sup>\*</sup> "Other Race" category is comprised of patients who identify as Asian, American Indian/Alaska Native, Native Hawaiian/Pacific Islander, or "multiple races" without providing information about their specific racial composition.

<sup>o</sup>MSM=men reporting any sex with men, MSW=men who have sex with women only, WSM=women reporting any sex with men, WSW=women who have sex with women only