

Table 1. Selected characteristics of sample population—National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments, 2 U.S. States

	HIV-negative ^a		HIV-positive ^b		No valid NHBS-BHBA HIV test result ^c		Total	
	No.	%	No.	%	No.	%	No.	%
Gender								
Male								
Female								
Nonbinary								
Age at interview (yr)								
18–24								
25–29								
30–39								
40–49								
≥50								
Race/ethnicity								
American Indian/Alaska Native								
Asian								
Black/African American								
Hispanic/Latino ^d								
Native Hawaiian/Other Pacific Islander								
White								
Multiple races								
Education								
Less than high school								
High school diploma or equivalent								
Some college or technical degree								
College degree or more								
Household income^e								
At or below the federal poverty level								
Above the federal poverty level								
Health insurance								
Yes								
No								
Visited a health care provider, past 12 months								
Yes								
No								
Homeless,^f past 12 months								
Yes								
No								

Table 1. Selected characteristics of sample population—National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments, 2 U.S. States (cont)

	HIV-negative ^a		HIV-positive ^b		No valid NHBS-BHBA HIV test result ^c		Total	
	No.	%	No.	%	No.	%	No.	%
State								
Florida								
Massachusetts								
Total								

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

Note. “Past 12 months” refers to the 12 months before interview.

- ^a Participants with a valid negative NHBS-BHBA HIV test result.
- ^b Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.
- ^c Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.
- ^d Hispanics/Latinos can be of any race.
- ^e Poverty level is based on household income and household size.
- ^f Living on the street, in a shelter, in a single-room–occupancy hotel, or in a car.

Table 2. HIV prevalence among sample population, by gender—National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments, 2 U.S. States

	Male			Female			Nonbinary			Full sample		
	HIV-positive ^a		Total	HIV-positive ^a		Total	HIV-positive ^a		Total	HIV-positive ^a		Total
	No.	%	No.	No.	%	No.	No.	%	No.	No.	%	No.
Age at interview (yr)												
18–24												
25–29												
30–39												
40–49												
≥50												
Race/ethnicity												
American Indian/Alaska Native												
Asian												
Black/African American												
Hispanic/Latino ^b												
Native Hawaiian/Other Pacific Islander												
White												
Multiple races												
State												
Florida												
Massachusetts												
Total												

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments [footnotes only].

Note. Data include all participants with a valid NHBS HIV test result.

^a Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^b Hispanics/Latinos can be of any race.

Table 3. HIV testing among persons who inject drugs—National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments, 2 U.S. States

	Ever tested		Tested in past 12 months ^a		Total No.
	No.	%	No.	%	
Gender					
Male					
Female					
Nonbinary					
Age at interview (yr)					
18–24					
25–29					
30–39					
40–49					
≥50					
Race/ethnicity					
American Indian/Alaska Native					
Asian					
Black/African American					
Hispanic/Latino ^b					
Native Hawaiian/Other Pacific Islander					
White					
Multiple races					
State					
Florida					
Massachusetts					
Total					

Note. Data include all participants who did not report a previous HIV-positive test result and participants who received their first HIV-positive test result less than 12 months before interview.

^a “Past 12 months” refers to the 12 months before interview.

^b Hispanics/Latinos can be of any race.

Table 4. Sexual behavior with female and male sex partners in the 12 months before interview among males—NHBS-BHBA, 2 U.S. States

	With female sex partners								With male sex partners				With males and females—sex of any type ^a		Total males
	Vaginal sex		Condomless sex		Anal sex		Condomless anal sex		Anal sex		Condomless anal sex				
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.
HIV-negative^b															
Age at interview (yr)															
18–24															
25–29															
30–39															
40–49															
≥50															
Race/ethnicity															
American Indian/Alaska Native															
Asian															
Black/African American															
Hispanic/Latino ^c															
Native Hawaiian/Other Pacific Islander															
White															
Multiple races															
HIV-positive^d															
Age at interview (yr)															
18–24															
25–29															
30–39															
40–49															
≥50															
Race/ethnicity															
American Indian/Alaska Native															
Asian															
Black/African American															
Hispanic/Latino ^c															
Native Hawaiian/Other Pacific Islander															
White															
Multiple races															
No valid NHBS-BHBA HIV test result^e															
Total															

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

^a Participants who reported oral, vaginal, or anal sex with at least 1 female partner and oral or anal sex with at least 1 male partner in the 12 months before interview.

^b Participants with a valid negative NHBS-BHBA HIV test result.

^c Hispanics/Latinos can be of any race.

^d Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^e Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 5. Sexual behavior with male sex partners in the 12 months before interview among females—NHBS-BHBA, 2 U.S. States

	Vaginal sex		Condomless vaginal sex		Anal sex		Condomless anal sex		Total females
	No.	%	No.	%	No.	%	No.	%	No.
HIV-negative^a									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^b									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
HIV-positive^c									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^b									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
No valid NHBS-BHBA HIV test result^d									
Total									

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

^a Participants with a valid negative NHBS-BHBA HIV test result.

^b Hispanics/Latinos can be of any race.

^c Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^d Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 6. Injection drug use in the 12 months before interview, by selected drugs—NHBS-BHBA, 2 U.S. States

[illegible]

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

Note. "Past 12 months" refers to the 12 months preceding interview.

^a Heroin and cocaine being injected together.

^b Participants with a valid negative NHBS-BHBA HIV test result.

^c Hispanics/Latinos can be of any race.

^d Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^e Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 7. Receptive sharing of syringes in the 12 months before interview—NHBS-BHBA, 2 U.S. States

	Syringes ^a		Total No.
	No.	%	
HIV-negative^b			
Gender			
Male			
Female			
Nonbinary			
Age at interview (yr)			
18–24			
25–29			
30–39			
40–49			
≥50			
Race/ethnicity			
American Indian/Alaska Native			
Asian			
Black/African American			
Hispanic/Latino ^c			
Native Hawaiian/Other Pacific Islander			
White			
Multiple races			
HIV-positive^d			
Gender			
Male			
Female			
Nonbinary			
Age at interview (yr)			
18–24			
25–29			
30–39			
40–49			
≥50			
Race/ethnicity			
American Indian/Alaska Native			
Asian			
Black/African American			
Hispanic/Latino ^e			
Native Hawaiian/Other Pacific Islander			
White			
Multiple races			
No valid NHBS-BHBA HIV test resultⁱ			
Total			

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

^a Used a syringe or needle that had already been used by someone else for injection.

^b Participants with a valid negative NHBS HIV test result.

^c Hispanics/Latinos can be of any race.

^d Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^e Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 8. Receipt of HIV prevention materials and services in the 12 months before interview—NHBS-BHBA, 2 U.S. States

	Services from SSPs		Free condoms ^a		PrEP awareness ^b		PrEP use ^c		Total No.
	No.	%	No.	%	No.	%	No.	%	
HIV-negative^d									
Gender									
Male									
Female									
Transgender									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^e									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
HIV-positive^f									
Gender									
Male									
Female									
Transgender									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^e									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
No valid NHBS-BHBA HIV test result^g									
Total									

Abbreviations: SSPs, syringe services programs; NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments; PrEP, preexposure prophylaxis.

^a Excludes condoms received from friends, relatives, or sex partners.

^b Ever heard of PrEP, an antiretroviral medicine taken for months or years by a person who is HIV-negative to reduce the risk of getting HIV.

^c Took PrEP at any point in the 12 months before interview to reduce the risk of getting HIV.

^d Participants with a valid negative NHBS-BHBA HIV test result.

^e Hispanics/Latinos can be of any race.

^f Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^g Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 9. Diagnosis of sexually transmitted infections—NHBS-BHBA, 2 U.S. States

	Diagnosis during the 12 months preceding interview								Total No.
	Any bacterial STI ^a		Chlamydia		Gonorrhea		Syphilis		
	No.	%	No.	%	No.	%	No.	%	
HIV-negative ^b									
Gender									
Male									
Female									
Nonbinary									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^c									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
HIV-positive ^d									
Gender									
Male									
Female									
Nonbinary									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^c									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
No valid NHBS-BHBA HIV test result ^e									
Total									

Abbreviations: STI, sexually transmitted infection; NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

^aAny bacterial STI includes having received a diagnosis of gonorrhea, chlamydia, or syphilis in the 12 months before interview.

^bParticipants with a valid negative NHBS-BHBA HIV test result.

^cHispanics/Latinos can be of any race.

^dParticipants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^eParticipants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 10. Noninjection drug use in the 12 months before interview—NHBS-BHBA, 2 U.S. States

	Used drug	
	No.	%
HIV-negative^a		
Any noninjection drugs		
Cocaine		
Crack		
Downers ^b		
Ecstasy		
Fentanyl		
Heroin		
Marijuana		
Methamphetamine		
Prescription opioids ^c		
Stimulant ^d		
HIV-positive^e		
Any noninjection drugs		
Cocaine		
Crack		
Downers ^b		
Ecstasy		
Fentanyl		
Heroin		
Marijuana		
Methamphetamine		
Prescription opioids ^c		
Stimulant ^d		
No valid NHBS-BHBA HIV test result^f		
Any noninjection drugs		
Cocaine		
Crack		
Downers ^b		
Ecstasy		
Fentanyl		
Heroin		
Marijuana		
Methamphetamine		
Prescription opioids ^c		
Stimulant ^d		

Disclaimer: The use of trade names is for identification only and does not imply endorsement by the Department of Health and Human Services or the Centers for Disease Control and Prevention.

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

Note. Denominator is the total number of participants in the category; HIV-negative participants: n = X; HIV-positive participants: n = X; participants without a valid NHBS-BHBA HIV test result: n = X. Responses are not mutually exclusive; percentages may not add to 100.

^a Participants with a valid negative NHBS-BHBA HIV test result.

^b Benzodiazepines, such as Valium, Xanax, or Klonopin.

^c Painkillers, such as Oxycontin, Dilaudid, or Percocet.

^d Adderall or Ritalin

^e Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^f Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 11. Additional outcomes—NHBS-BHBA, 2 U.S. States

	Number of opposite sex partners Median (Q1–Q3)	Number of same sex partners Median (Q1–Q3)	Exchange sex ^a		Condomless sex with an HIV-discordant partner at last sex ^b		Total
			No.	%.	No.	%	No.
HIV-negative ^c							
Gender							
Male							
Female							
Nonbinary ^d							
Age at interview (yr)							
18–24							
25–29							
30–39							
40–49							
≥50							
Race/ethnicity							
American Indian/Alaska Native							
Asian							
Black/African American							
Hispanic/Latino ^e							
Native Hawaiian/Other Pacific Islander							
White							
Multiple races							

Table 11. Additional outcomes—NHBS-BHBA, 2 U.S. States (cont)

	Number of opposite sex partners Median (Q1–Q3)	Number of same sex partners Median (Q1–Q3)	Exchange sex ^a		Condomless sex with an HIV-discordant partner at last sex ^b		Total No.
			No.	%	No.	%	
HIV-positive^f							
Gender							
Male							
Female							
Nonbinary ^d							
Age at interview (yr)							
18–24							
25–29							
30–39							
40–49							
≥50							
Race/ethnicity							
American Indian/Alaska Native							
Asian							
Black/African American							
Hispanic/Latino ^e							
Native Hawaiian/Other Pacific Islander							
White							
Multiple races							
No valid NHBS-BHBA HIV test result^g							
Total							

Abbreviations: Q, quartile; NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

Note. NHBS sexual behavior questions assume anatomy based on reported gender (male or female). These questions are not asked of transgender participants. Consequently, transgender participants are not included in calculation of sexual behavior outcomes in this table.

^a “Exchange sex” refers to giving or receiving money, drugs, or some other type of payment or trade from a male or female partner in exchange for sex.

^b “Last sex” refers to whether the participant reported engaging in oral, vaginal or anal sex at any time during his or her most recent sexual encounter with a sex partner. For male participants, this is in reference to male and female sex partners; for female participants, this is in reference to male sex partners. “HIV-discordant partner” refers to a partner of different or unknown HIV status.

^c Participants with a valid negative NHBS-BHBA HIV test result.

^d Sexual behavior data not available for Nonbinary participants.

^e Hispanics/Latinos can be of any race.

^f Participants with a reactive rapid NHBS-BHBA HIV test result supported by a second rapid test or supplemental laboratory-based testing.

^g Participants who did not have a valid positive or negative NHBS-BHBA HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, had discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS-BHBA HIV test result.

Table 12. Receipt of HIV care and treatment among self-reported HIV-positive persons—NHBS-BHBA, 2 U.S. States

	Visited health care provider about HIV								Total No.
	Ever		Within 1 month after diagnosis		During past 6 months		Currently taking anti-HIV medicines		
	No.	%	No.	%	No.	%	No.	%	
Gender									
Male									
Female									
Nonbinary									
Age at interview (yr)									
18–24									
25–29									
30–39									
40–49									
≥50									
Race/ethnicity									
American Indian/Alaska Native									
Asian									
Black/African American									
Hispanic/Latino ^a									
Native Hawaiian/Other Pacific Islander									
White									
Multiple races									
State									
Florida									
Massachusetts									
Total									

Abbreviation: NHBS-BHBA, National HIV Behavioral Surveillance Brief HIV Bio-behavioral Assessments.

Note. Data include all participants who reported having ever received an HIV-positive test result (which may include those who did not have a valid NHBS-BHBA HIV test result, positive or negative, or who did not consent to the HIV test). “Past 6 months” refers to the 6 months before interview.

^a Hispanics/Latinos can be of any race.