

# HIV Infection Risk, Prevention, and Testing Behaviors Among Men Who Have Sex With Men National HIV Behavioral Surveillance 23 U.S. Cities, 2017



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Lowering the annual number of new HIV infections is a major HIV prevention goal [1]. This goal can be achieved by implementing three important strategies for reducing HIV infections: (1) intensifying HIV prevention efforts in communities where HIV is most heavily concentrated, including gay, bisexual, and other men who have sex with men (hereafter referred to as MSM); blacks or African Americans (hereafter referred to as blacks); Hispanics or Latinos; and people who inject drugs (PWID); (2) expanding efforts to prevent HIV infection by using a combination of effective, evidence-based, scalable approaches; and (3) educating the general public about the threat of HIV infection and how to prevent it. State and local health departments, as well as federal agencies, are expected to monitor progress toward HIV prevention goals [1].

The Centers for Disease Control and Prevention (CDC) National HIV Behavioral Surveillance (NHBS) serves as a key component of a high-impact prevention approach to reducing the spread of HIV in the United States [2] by providing data for monitoring behaviors among populations at risk of acquiring or transmitting HIV infection, and identifying the populations for whom scientifically proven, cost-effective, and scalable interventions are most appropriate. NHBS also helps state and local health departments in areas with high HIV prevalence to monitor risk behaviors, HIV testing, use of prevention programs, and HIV prevalence in three populations at high risk of HIV infection: MSM, PWID, and heterosexual adults at increased risk for HIV [3, 4].

Male-to-male sexual contact continues to be the most common route of HIV transmission in the United States among adults and adolescents, accounting for approximately 70% of the HIV infections diagnosed in 2017, including those attributed to male-to-male contact and injection drug use [5]. This report summarizes findings from the fifth NHBS data collection among MSM, which was conducted in 2017. Data from previous MSM cycles of NHBS have been published elsewhere [6–9].

The report provides descriptive, unweighted data that can be used to describe HIV infection among MSM and the percentages reporting specific risk behaviors, HIV testing, and participation in prevention programs. Monitoring these outcomes is useful for assessing risk behaviors and the use of prevention efforts over time and for identifying new HIV prevention opportunities for this population.

# **REPORT CHANGES**

CDC routinely assesses NHBS reports to ensure the content and methods best meet the information needs of the nation. The following reporting changes were made from the previous NHBS report on MSM [9]:

- Outcomes are no longer reported by HIV-positive unaware and HIV-positive aware participants; instead, all HIV-positive participants are presented in a single category.
- This report includes 23 metropolitan statistical areas (MSAs). In 2017, 23 MSAs collected NHBS data among MSM.
- Table 7 no longer includes the most recent sexual encounter with a male partner, but rather, any anal sex in the three months before interview with the most recent sex partner, if that sex partner was male.
- Table 8b is added to include MSA-specific receipt of HIV prevention.
- Diagnosis of genital warts or HPV was revised to diagnosis of genital warts (Table 9).
- Hallucinogen use (past 12 months) was removed (Table 10).
- Noninjection prescription opioid use (past 12 months) was added (Table 10).
- A visit to health care provider about HIV was changed from within 3 months after diagnosis to within a month after diagnosis (Table 12).

Some modifications to measure definitions are made routinely to more accurately or more precisely describe the outcome or characteristic of interest; measure definitions are described in the appendix of this report. Additionally, Table 11 is designed as a flexible reporting mechanism to respond to emerging issues; the outcomes presented in this table vary with each report.

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#### TABLE ORGANIZATION

The tables in this report are ordered by content. Tables 1 and 5–11 are stratified by HIV status; that is, data are presented separately for HIV-negative participants and HIV-positive participants (HIV status was determined from the NHBS HIV test result). A small percentage of the sample (8%) could not be classified by HIV status because they had no valid NHBS HIV test result; that is, they did not consent to the HIV test, had an indeterminate result, or reported a previous HIV-positive test result but had a negative NHBS HIV test result. For data completeness, data from these participants are reported in a "No valid NHBS HIV test result" column (Table 1) or row (Tables 5–11).

#### HIGHLIGHTS

#### Demographic Characteristics, HIV Prevalence, and HIV Testing

This report describes data from 10,104 MSM who participated in NHBS in 2017, of whom 39% were aged 29 years or younger, and 35% were white, 30% black, and 26% Hispanic or Latino (Table 1). Of HIVpositive participants, 28% were aged 29 years or younger, 22% were white, 49% were black, and 22% were Hispanic or Latino. Overall, 77% of participants had more than a high school education and 81% had a household income above the federal poverty level; 83% of participants had health insurance and 86% had visited a health care provider in the 12 months before interview. A small percentage of the sample reported being homeless (8%) or incarcerated (5%) in the 12 months before interview. Among HIV-positive participants, 13% reported being homeless and 7% incarcerated in the past 12 months.

In 2017, 23% of 9,299 participants with a valid NHBS HIV test result tested positive for HIV (Table 2). HIV prevalence increased with increasing age: 14% (18-24 years), 19% (25-29 years), 24% (30-39 years), 31% (40-49 years), and 32% (50-60 years). By race and ethnicity, HIV prevalence was 39% among blacks, 30% among American Indian or Alaska Natives, 20% among Native Hawaiian or other Pacific Islanders, 19% among Hispanics or Latinos, 15% among whites, and 9% among Asians.

CDC recommends that persons at increased risk of HIV infection, including MSM who themselves or whose sex partners have had more than one sex partner since their most recent HIV test, undergo HIV testing at least annually [10]. Among participants who did not report a previous HIV-positive test result or who had received their first HIV-positive test result less than 12 months before interview, 77% reported that they had been tested for HIV in the 12 months before interview, and 95% reported that they had ever been tested (Table 3). These data are consistent with continued increases in HIV testing among MSM participating in NHBS with 62% in 2008 [6], 66% in 2011 [7], 71% in 2014 [9], and 77% in 2017 reporting an HIV test in the previous 12 months.

Among participants who reported being tested for HIV during the 12 months before interview, 62% reported their most recent test was performed in a clinical setting while 31% reported being tested in a nonclinical setting such as HIV counseling and testing site, HIV street outreach program or mobile unit, syringe services program, or at home (Table 4). Testing in nonclinical settings varied by race and ethnicity: 34% of black MSM and 38% of Hispanic MSM reported their most recent HIV test was conducted in a nonclinical setting, while 25% of white MSM reported a nonclinical setting for their most recent HIV test.

#### **Sexual Behaviors**

Among MSM, condomless vaginal or anal sex with females was reported similarly by HIV-positive participants (6% vaginal, 2% anal) and HIV-negative participants (8% vaginal, 3% anal) (Table 5). Condomless anal sex with male partners was also reported similarly by HIV-positive MSM (72%) and HIVnegative MSM (72%). HIV-positive participants reported condomless anal sex with main male partners (44%) and casual male partners (49%) at a similar rate to HIV-negative participants (main: 47%; casual: 47%) (Table 6). Among MSM whose last sex partner was male, 24% of HIV-positive and 21% of HIVnegative participants reported having both insertive and receptive condomless anal sex in the three months before the interview (Table 7).

Although other prevention methods may have been used such as preexposure prophylaxis (PrEP), the reporting of condomless vaginal or anal sex with female partners and condomless anal sex with male partners (Tables 5-7) is a concern. Despite the existence of other HIV prevention options, correct and consistent condom use is one of the primary means of protection from HIV and other infections [11, 12]. The high percentages of participants who engaged in condomless sex underscore the importance of using effective, evidence-based scalable combination HIV prevention strategies among MSM at increased risk for HIV infection that include access to and use of condoms, PrEP, risk-reduction counseling, and HIV testing [2, 13].

#### **Receipt of HIV Prevention**

The receipt of free condoms and participation in HIV individual- or group-level behavioral interventions are reported in Table 8. Overall, 70% of participants reported receiving free condoms and 31% reported participating in an HIV behavioral intervention. The percentages of MSM who received condoms were similar across HIV status (74% HIV-positive; 70% HIV-negative); however, the percentage of MSM who reported participating in an HIV behavioral intervention intervention was highest for HIV-positive participants (40%) in general, and for younger-aged HIV-positive MSM in particular (47% of 18-24 year olds; 50% of 25-29 year olds).

In 2014, CDC released clinical guidance recommending the use of PrEP for persons at increased risk of acquiring HIV, including MSM [13]. The majority of HIV-negative MSM reported previously hearing about PrEP (85%), particularly among younger age groups (18-24 years: 83%; 25-29 years: 89%). One in four HIV-negative MSM reported taking antiretroviral medicines at any point in the past 12 months to prevent HIV infection but there were notable racial/ ethnic differences: whites (31%), Asians (31%), Native Hawaiian or other Pacific Islanders (25%), Hispanics or Latinos (21%), blacks (19%), and American Indian or Alaska Natives (14%).

#### **Sexually Transmitted Infections**

Sexually transmitted infections (STIs) can increase the likelihood of acquiring and transmitting HIV [14]. The percentage of MSM who reported a diagnosis of any bacterial STI (chlamydia, gonorrhea, or syphilis) during the 12 months before interview was 19% overall, and was higher among HIV-positive MSM (26%) than HIV-negative MSM (18%). Percentages of reported lifetime diagnosis of genital warts (12%) and genital herpes (10%) were also higher among HIVpositive MSM than among HIV-negative MSM (6% for both genital warts and genital herpes) (Table 9). Since 2000, rates of reported primary and secondary syphilis have been steadily increasing, primarily attributable to increased cases among MSM; MSM who are HIV-positive account for almost half of reported primary and secondary syphilis cases with known HIV-status [15]. In the current NHBS cycle, 13% of HIV-positive MSM reported being diagnosed with syphilis during the 12 months before interview compared with 5% of HIV-negative MSM.

#### **Drug and Alcohol Use**

Drug and alcohol use, particularly binge drinking, injection drug use, and methamphetamine use, have been associated with sexual risk behavior among MSM [16]. Binge drinking prevalence was more common among HIV-negative MSM (45%) than among HIV-positive participants (32%). Use of any injection drugs was reported more often by HIV-positive MSM (5%) than by HIV-negative MSM (2%). The most common noninjection drugs reported by HIV-positive MSM were marijuana, cocaine, and methamphetamine; for HIV-negative MSM, commonly reported noninjection drugs were marijuana, cocaine, and ecstasy (Table 10). Noninjection use of prescription opioids was reported by 6% of HIV-positive and 6% of HIV-negative MSM.

#### **Additional Outcomes**

Table 11 presents data on additional outcomes related to the risk of HIV transmission and acquisition among MSM. Outcomes reported in Table 11 are of current relevance to HIV among MSM and may not be reported in future reports.

The median number of male sex partners reported in the 12 months before interview was 4 (Q1–Q3: 2– 10) among HIV-positive participants and HIVnegative participants.

Giving or receiving money or drugs in exchange of sex is a recognized risk factor for HIV infection [17]. In 2017, 9% of MSM reported giving or receiving things like money or drugs in exchange for sex with a male casual partner in the 12 months before interview. The percentage of participants reporting exchange of sex with a male casual partner was higher among HIV-positive participants (15%) than HIV-negative MSM (8%).

Condomless sex with an HIV-discordant partner at last sex was commonly reported among MSM (18%). More than a quarter of HIV-positive MSM (26%)

and 16% of HIV-negative MSM reported sex without a condom during the most recent sexual encounter with a partner of different or unknown HIV status.

#### **Receipt of HIV Care and Treatment**

Achieving viral suppression through antiretroviral treatment can improve clinical outcomes and reduce the likelihood of transmitting HIV to others [18]. In 2015, a national goal for linkage-to-care changed from increasing the percentage of persons with newly diagnosed HIV linked to care within 3 months of diagnosis to increasing the percentage of linkage to care within one month of diagnosis [1]. In 2017, among self-reported HIV-positive MSM, 97% reported having ever visited a health care provider for HIV, 72% reported that they did so within one month after diagnosis, and 90% reported visiting a health care provider for HIV care in the six months before interview. Current use of antiretroviral therapy was reported by 92% of self-reported HIV-positive MSM (Table 12).

NHBS conducts rotating cycles of biobehavioral surveys among MSM, PWID, and heterosexual adults at increased risk of HIV infection [3]; data are collected in annual cycles from one risk group per year so that each population is surveyed once every three years. The same general eligibility criteria are used in each cycle: age 18 years or older, current residence in a participating city, no previous participation in NHBS during the current survey cycle, ability to complete the survey in either English or Spanish, and ability to provide informed consent. In addition to these basic NHBS eligibility criteria, participation in the 2017 NHBS cycle was limited to persons who (1) were male at birth, (2) reported their gender as male, and (3) reported oral or anal sex with a male partner during their lifetime. Only participants who reported having oral or anal sex with another man in the past 12 months were counted toward the required sample size of current MSM.

A standardized questionnaire is used to collect information about behavioral risks for HIV infection, HIV testing, and use of HIV prevention services. The anonymous, in-person survey is administered by a trained interviewer using a portable computer. All participants are offered an anonymous HIV test, which is linked to the survey data though a unique survey identifier.

Activities for NHBS were approved by CDC [19, 20] and by applicable institutional review boards (IRBs) in each participating city.

# **PARTICIPATING CITIES**

State and local health departments eligible to participate in NHBS are among those whose jurisdictions include an MSA or a specified division with high prevalence of HIV. In 2017, NHBS was conducted in 23 MSAs (see list at the end of the report), which represented approximately 59% of all persons living with HIV in urban areas with a population of at least 500,000 at year's end 2016 [5].

Throughout this report, MSAs and divisions are referred to by the name of the principal city.

# SAMPLING METHOD

Participants in the 2017 NHBS cycle were recruited using venue-based, time-space sampling (VBS) [21]. The primary steps were identifying venues frequented by MSM, determining the best time for sampling at each venue and the number of sampling events to be conducted each month, and recruiting men at the sampling event [9].

# **DATA COLLECTION**

Persons recruited for the interview were escorted to a private area for eligibility screening. For those who met eligibility requirements, trained interviewers obtained informed consent and conducted face-to-face interviews, which took approximately 30 minutes and consisted of questions concerning participants' demographic characteristics, HIV testing history, sexual and drug use behaviors, STI testing and diagnosis, and use of HIV prevention services and programs. As a token of appreciation for the time spent taking part in the interview, participants received \$20–\$30 (amount determined locally). For participants who consented to the anonymous testing for HIV, STI, or hepatitis, local testing procedures were followed, and an additional incentive was provided.

HIV testing was performed for participants who consented; blood specimens were collected for rapid testing in the field or laboratory-based testing. A nonreactive rapid test result was considered HIV-negative; a reactive rapid test result was considered HIVpositive if supported by a second rapid test or supplemental laboratory-based testing. Participants received \$10-\$50 for HIV testing (amount determined locally).

Each participating city's goal was to interview 500 eligible men who also reported having sex with another man in the 12 months before the interview.

# DATA ANALYSIS

This surveillance report presents descriptive data; no statistical tests were performed. In addition, these data are cross-sectional; we did not attempt to infer causal relationships. Reported numbers fewer than 12, and percentages based on these numbers, should be interpreted with caution because the numbers are considered unreliable.

Data for this report are not weighted. The purpose of this report is to provide a detailed summary of surveillance data collected as part of the NHBS 2017 cycle; unweighted data provide an efficient and transparent way to do so. Further, unweighted analysis allows for detailed reporting of outcomes among small subgroups of the population of interest.

Inclusion for this report is limited to participants who (1) were eligible for and consented to the interview and (2) reported having sex with another man in the 12 months before interview.

In total, 45,098 men were approached for participation at 588 venues; 13,852 persons were screened to participate in NHBS in 2017. Of those, 3,002 persons did not meet NHBS eligibility criteria or did not provide consent and were excluded from the survey. An additional 90 interviews were excluded from this report due to incomplete survey data, survey responses of questionable validity, or data lost during electronic upload. Finally, 656 eligible persons who completed interviews but did not report having sex with a male in the 12 months before interview were excluded from this report.

The full analysis sample for this report includes 2017 NHBS cycle participants who consented to and completed the survey (n=10,104, Table 1). Additional inclusion criteria were applied for certain analyses of HIV infection and of HIV-associated behaviors; details of each analysis sample can be found in the footnotes of each table.

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	HIV-nev	HIVLnocative <sup>a</sup>	HIV-no	HIV.nocitiva <sup>b</sup>	No valid	No valid NHBS HIV teet result <sup>c</sup>	F	Total
		gauve	24-A II I		1001	Court	2	ומו
	No.	%	No.	%	No.	%	No.	%
Age at interview (yr)								
18–24	1,273	17.9	201	9.2	66	12.3	1,573	15.6
25–29	1,792	25.2	408	18.8	167	20.7	2,367	23.4
30–39	2,098	29.4	629	30.3	250	31.1	3,007	29.8
40-49	983	13.8	436	20.1	128	15.9	1,547	15.3
≥50	616	13.7	470	21.6	161	20.0	1,610	15.9
Race/ethnicity								
American Indian/Alaska Native	49	0.7	21	1.0	4	0.5	74	0.7
Asian	192	2.7	18	0.8	19	2.4	229	2.3
Black/African American	1,672	23.5	1,059	48.7	294	36.5	3,025	29.9
Hispanic/Latino <sup>d</sup>	2,002	28.1	479	22.0	137	17.0	2,618	25.9
Native Hawaiian/Other Pacific Islander	32	0.4	80	0.4	ю	0.4	43	0.4
White	2,774	38.9	480	22.1	295	36.6	3,549	35.1
Multiple races	365	5.1	100	4.6	48	6.0	513	5.1
Education								
Less than high school	173	2.4	103	4.7	17	2.1	293	2.9
igh school diploma or equivalent	1,307	18.3	563	25.9	131	16.3	2,001	19.8
Some college or technical degree	2,314	32.5	827	38.0	227	28.2	3,368	33.3
College degree or more	3,329	46.7	680	31.3	430	53.4	4,439	43.9
Household income <sup>e</sup>								
At or below the federal poverty level	1,145	16.1	602	27.7	123	15.3	1,870	18.5
Above the federal poverty level	5,926	83.2	1,558	71.7	671	83.4	8,155	80.7
Health insurance								
Yes	5,823	81.7	1,915	88.1	669	83.1	8,407	83.2
No	1,291	18.1	256	11.8	135	16.8	1,682	16.6
Visited a health care provider, past 12 months	ths							
Yes	5,977	83.9	2,044	94.0	607	88.1	8,730	86.4
No	1,145	16.1	130	6.0	96	11.9	1,371	13.6
Homeless, <sup>f</sup> past 12 months		1		0	0	C		Ċ
Yes	100	L.7	213	0.21	40	0.0	820	α.
No	6,618	92.9	1,901	87.4	765	95.0	9,284	91.9
Incarcerated, <sup>g</sup> past 12 months				ľ	Ċ	1		
Yes	306	4.3	154	1.1	30	3.7	490	4.8
			0.00	0.00	Ì			l

Table 1. Selected characteristics of men who have sex with men—National HIV Behavioral Surveillance. 23 U.S. cities. 2017

	HIV-ne	HIV-negative <sup>a</sup>	HIV-po	HIV-positive <sup>b</sup>	test result <sup>c</sup>	test result <sup>c</sup>	To	Total
	No.	%	No.	%	No.	%	No.	%
City								
Atlanta, GA	328	4.6	164	7.5	19	2.4	511	5.1
Baltimore, MD	236	3.3	138	6.3	43	5.3	417	4.1
Boston, MA	330	4.6	25	1.1	73	9.1	428	4.2
Chicago, IL	295	4.1	98	4.5	146	18.1	539	5.3
Dallas, TX	406	5.7	97	4.5	21	2.6	524	5.2
Denver, CO	437	6.1	60	2.8	33	4.1	530	5.2
Detroit, MI	312	4.4	158	7.3	41	5.1	511	5.1
Houston, TX	371	5.2	113	5.2	21	2.6	505	5.0
Los Angeles, CA	409	5.7	109	5.0	7	0.9	525	5.2
lemphis, TN	180	2.5	93	4.3	59	7.3	332	3.3
Miami, FL	301	4.2	93	4.3	4	0.5	398	3.9
Nassau-Suffolk, NY	139	2.0	11	0.5	11	1.4	161	1.6
New Orleans, LA	272	3.8	71	3.3	42	5.2	385	3.8
New York City, NY	368	5.2	83	3.8	49	6.1	500	4.9
Newark, NJ	121	1.7	40	1.8	7	0.9	168	1.7
Philadelphia, PA	330	4.6	195	0.6	15	1.9	540	5.3
Portland, OR	321	4.5	62	2.9	40	5.0	423	4.2
San Diego, CA	423	5.9	134	6.2	14	1.7	571	5.7
San Francisco, CA	362	5.1	84	3.9	21	2.6	467	4.6
San Juan, PR	247	3.5	29	1.3	5	0.6	281	2.8
Seattle, WA	374		88	4.0	46	5.7	508	5.0
Virginia Beach, VA	232		108	5.0	39	4.8	379	3.8
Washington, DC	331	4.6	121	5.6	49	6.1	501	5.0
Total	7,125	100	2,174	100	805	100	10,104	100
Abbreviation: NHBS, National HIV Behavioral Surveillance	lance.							
Note. "Past 12 months" refers to the 12 months before interview	e interview.							
<sup>a</sup> Participants with a valid negative NHBS HIV test result.	sult.							
<sup>b</sup> Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing.	sult supporte	d by a second	rapid test or sup	oplemental labc	iratory-based to	esting.		

Table 1. Selected characteristics of men who have sex with men—National HIV Behavioral Surveillance, 23 U.S. cities, 2017 (cont)

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 $^{\rm f}$  Living on the street, in a shelter, in a single-room–occupancy hotel, or in a car  $^{\rm g}$  Having been held in a detention center, jail, or prison for more than 24 hours.

 $^{\rm e}$  Poverty level is based on household income and household size.

<sup>d</sup> Hispanics/Latinos can be of any race.

	HIV-po	sitive <sup>a</sup>	
	No.	%	Total No
Age at interview (yr)			
18–24	201	13.6	1,474
25–29	408	18.5	2,200
30–39	659	23.9	2,757
40–49	436	30.7	1,419
≥50	470	32.4	1,449
Race/ethnicity			
American Indian/Alaska Native	21	30.0	70
Asian	18	8.6	210
Black/African American	1,059	38.8	2,731
Hispanic/Latino <sup>b</sup>	479	19.3	2,481
Native Hawaiian/Other Pacific Islander	8	20.0	40
White	480	14.8	3,254
Multiple races	100	21.5	465
City			
Atlanta, GA	164	33.3	492
Baltimore, MD	138	36.9	374
Boston, MA	25	7.0	355
Chicago, IL	98	24.9	393
Dallas, TX	97	19.3	503
Denver, CO	60	12.1	497
Detroit, MI	158	33.6	470
Houston, TX	113	23.3	484
Los Angeles, CA	109	21.0	518
Memphis, TN	93	34.1	273
Miami, FL	93	23.6	394
Nassau-Suffolk, NY	11	7.3	150
New Orleans, LA	71	20.7	343
New York City, NY	83	18.4	451
Newark, NJ	40	24.8	161
Philadelphia, PA	195	37.1	525
Portland, OR	62	16.2	383
San Diego, CA	134	24.1	557
San Francisco, CA	84	18.8	446
San Juan, PR	29	10.5	276
Seattle, WA	88	19.0	462
Virginia Beach, VA	108	31.8	340
Washington, DC	121	26.8	452
Total	2,174	23.4	9,299

# Table 2. HIV prevalence among men who have sex with men—National HIVBehavioral Surveillance, 23 U.S. cities, 2017

Abbreviation: NHBS, National HIV Behavioral Surveillance (footnotes only).

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

 $^{\rm a}$  Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or

supplemental laboratory-based testing.

<sup>b</sup> Hispanics/Latinos can be of any race.

	Ever t	ested		in past onths <sup>a</sup>	
	No.	%	No.	%	Total No.
Age at interview (yr)					
18–24	1,309	90.1	1,145	78.8	1,453
25–29	1,976	96.1	1,693	82.3	2,057
30–39	2,380	97.2	1,922	78.5	2,448
40–49	1,101	97.2	822	72.6	1,133
≥50	1,105	95.1	743	63.9	1,162
Race/ethnicity					
American Indian/Alaska Native	54	96.4	37	66.1	56
Asian	200	95.2	157	74.8	210
Black/African American	2,112	95.7	1,721	78.0	2,206
Hispanic/Latino <sup>b</sup>	2,095	94.6	1,683	76.0	2,215
Native Hawaiian/Other Pacific Islander	37	97.4	30	78.9	38
White	2,917	95.5	2,317	75.8	3,056
Multiple races	413	96.7	343	80.3	427
City					
Atlanta, GA	366	96.8	307	81.2	378
Baltimore, MD	294	95.1	224	72.5	309
Boston, MA	393	98.0	297	74.1	401
Chicago, IL	414	96.3	344	80.0	430
Dallas, TX	420	94.4	340	76.4	445
Denver, CO	438	92.8	347	73.5	472
Detroit, MI	367	88.4	260	62.7	415
Houston, TX	400	95.5	309	73.7	419
Los Angeles, CA	428	98.2	368	84.4	436
Memphis, TN	230	91.3	199	79.0	252
Miami, FL	302	92.9	241	74.2	325
Nassau-Suffolk, NY	139	93.3	101	67.8	149
New Orleans, LA	307	97.2	245	77.5	316
New York City, NY	410	96.9	342	80.9	423
Newark, NJ	127	96.2	111	84.1	132
Philadelphia, PA	382	96.2	319	80.4	397
Portland, OR	339	93.9	249	69.0	361
San Diego, CA	423	95.7	356	80.5	442
San Francisco, CA	378	99.2	323	84.8	381
San Juan, PR	241	92.7	169	65.0	260
Seattle, WA	406	97.4	331	79.4	417
Virginia Beach, VA	275	95.2	213	73.7	289
Washington, DC	392	97.0	330	81.7	404
Total	7,871	95.4	6,325	76.6	8,253

#### Table 3. HIV testing among men who have sex with men—National HIV Behavioral Surveillance, 23 U.S. cities, 2017

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.

<sup>a</sup> "Past 12 months" refers to the 12 months before interview.

<sup>b</sup> Hispanics/Latinos can be of any race.

	Clinical	setting <sup>a</sup>	Nonclinica	al setting <sup>b</sup>	
	No.	(%)	No.	(%)	Total No.
Age at interview (yr)					
18–24	607	53.0	425	37.1	1,145
25–29	1,041	61.5	537	31.7	1,693
30–39	1,252	65.1	560	29.1	1,922
40–49	543	66.1	235	28.6	822
≥50	491	66.1	207	27.9	743
Race/ethnicity					
American Indian/Alaska Native	20	54.1	12	32.4	37
Asian	102	65.0	49	31.2	157
Black/African American	982	57.1	589	34.2	1,721
Hispanic/Latino <sup>c</sup>	926	55.0	644	38.3	1,683
Native Hawaiian/Other Pacific Islander	24	80.0	3	10.0	30
White	1,630	70.3	572	24.7	2,317
Multiple races	223	65.0	85	24.8	343
City					
Atlanta, GA	165	53.7	119	38.8	307
Baltimore, MD	167	74.6	36	16.1	224
Boston, MA	268	90.2	20	6.7	297
Chicago, IL	270	78.5	60	17.4	344
Dallas, TX	184	54.1	132	38.8	340
Denver, CO	251	72.3	69	19.9	347
Detroit, MI	161	61.9	80	30.8	260
Houston, TX	175	56.6	117	37.9	309
Los Angeles, CA	147	39.9	212	57.6	368
Memphis, TN	127	63.8	54	27.1	199
Miami, FL	91	37.8	137	56.8	241
Nassau-Suffolk, NY	68	67.3	23	22.8	101
New Orleans, LA	152	62.0	78	31.8	245
New York City, NY	256	74.9	71	20.8	342
Newark, NJ	36	32.4	67	60.4	111
Philadelphia, PA	121	37.9	172	53.9	319
Portland, OR	183	73.5	54	21.7	249
San Diego, CA	265	74.4	76	21.3	356
San Francisco, CA	214	66.3	98	30.3	323
San Juan, PR	43	25.4	100	59.2	169
Seattle, WA	241	72.8	74	22.4	331
Virginia Beach, VA	108	50.7	55	25.8	213
Washington, DC	241	73.0	60	18.2	330
Total	3,934	62.2	1,964	31.1	6,325

Table 4.	Setting of most recent HIV test among men who have sex with men and who were tested for HIV during
	the 12 months before interview—National HIV Behavioral Surveillance. 23 U.S. cities. 2017

Abbreviation: HMO, health maintenance organization (footnotes only).

Note. Data report setting of most recent HIV test. Data exclude participants who did not report an HIV test during the 12 months before interview or who reported receiving an HIV-positive test result more than 12 months before interview. Percentages may not add to 100 because of missing data and "other" locations, which could not be classified as clinical or nonclinical settings.

<sup>a</sup> Clinical settings include private doctor's office (including HMO), emergency department, hospital (inpatient), public health clinic or community health center, family planning or obstetrics clinic, correctional facility, or drug treatment program.

<sup>b</sup> Nonclinical settings include HIV counseling and testing site, HIV street outreach program or mobile unit, needle exchange program, or home.

<sup>c</sup> Hispanics/Latinos can be of any race.

Table 5. Sexual behavior with female and male sex partners in the 12 months before interview among men who have sex with men—National HIV Behavioral Surveillance. 23 U.S.

Vaginal serv Vaginal serv Aginal serv Aginal serv Agi service         Condomies No.         And service         Condomises No.         And service         No.         %         No.         %	With	With male sex partners	
No.         No. <th>Anal sex</th> <th>Condomless anal sex</th> <th>al sex</th>	Anal sex	Condomless anal sex	al sex
885       12.4       596       8.4       353       5.0       231         184       14.5       129       10.1       69       5.4       45         248       13.8       156       8.7       80       5.0       53         239       11.4       167       80       108       5.1       75         239       11.4       167       80       108       5.1       75         122       124       78       7.9       53       5.4       35         122       19.7       20.4       6       5.1       75       33         19.7       213       12.7       128       7.7       82       35         233       19.7       213       12.7       128       7.7       82         233       19.7       213       12.7       128       7.7       82         233       15.6       5.3       7.6       5.6       5.7       82         233       14.0       7.7       128       7.7       82       12         235       15.6       5.5       84       3.9       6       12         241       14       17	No.	% No.	% Total No.
184         145         129         101         69         54         45           248         13.8         156         8.7         8.0         108         5.1         55           239         11.4         167         8.0         108         5.1         55           239         11.4         167         8.0         108         5.1         55           22         2.4         78         7.9         53         5.4         35           122         12.4         7.8         7.9         53         5.4         35           120         20.4         6         12.2         34         35         5.4         35           110         20.4         6         12.7         128         7.7         82         35           51         14.0         35         97         35         97         35         68           233         10.4         119         5.5         84         39         77         85           51         14.0         35         24         66         15         5         5           233         10.4         11         7.0         11         <	6,422 90	90.1 5,112 7	71.7 7,125
164       14.5       129       10.1       69       5.4       45         238       11.4       166       8.7       89       5.4       55         239       11.4       167       80       10.8       5.1       75         239       11.4       167       80       10.8       5.1       75         239       11.9       156       8.7       34       3.5       23         330       19.7       21.3       12.7       128       7.7       82         233       19.7       21.3       12.7       128       7.7       82         237       6.3       9       4.7       4       2.1       2         237       8.5       9.6       5.3       84       3.9       43         237       8.5       9.6       5.6       84       3.9       43         237       8.5       9.6       4.8       3.9       43         236       11.6       5.5       84       3.9       43         24       11.8       7.7       28       43       44       44         24       11.8       7.4       2.1       2.9			
248       13.8       156       8.7       89       5.0       53       5.4       55       53       54       55       53       54       55       53       54       55       53       54       55       53       54       55       53       54       55       53       54       35       53       55       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       54       35       53       56       65       65       65       65       65       65       65       65       66       66       61       61       61       61       61       61       61       61       61       61       61       61			
239       11.4       167       8.0       108       5.1       75         112       12.4       78       7.9       53       5.4       35       35         112       12.4       78       7.9       53       5.4       35       53       55       23         122       12.4       66       6.7       34       3.5       53       5.4       35       23         12       133       19.7       213       12.7       128       7.7       82         230       11.9       153       7.6       96       4.8       61       2         231       134       14       7.0       11       5.5       84       3.9       43         237       85       176       6.3       96       4.8       66       67       3.5         237       134       14       7.0       11       5.5       68       43         24       6.6       6.3       3.6       6.6       67       44       12         41       11       4.4       7.0       11       5.5       6       7         41       94       6.1       6.1       24		1,381	77.1 1,792
122       124       78       7.9       53       5.4       35         92       9.4       66       6.7       34       3.5       23         10       20.4       6       6.7       34       3.5       23         12       6.3       9       4.7       4       2.1       2         12       6.3       9       4.7       4       2.1       2         233       11.9       153       12.7       128       7.7       82         233       11.9       153       7.6       96       4.8       61       2         237       134       14       7.0       11       5.5       68       67         23       140       5.5       84       3.9       4.3       61       2         237       134       14       7.0       11       5.5       68       7         41       94       17       44       12       24       12         43       94       6.6       6.6       7       69       7         44       94       94       12       24       12       7         43       131		1,592	75.9 2,098
92       9.4       6.6       6.7       34       3.5       2.3         10       20.4       6       1.2       3       6.1       2         12       6.3       9       4.7       4       2.1       2         239       11.9       153       7.6       96       4.8       61       2         230       19.7       213       12.7       128       7.7       82         231       8.5       176       6.3       97       3.5       96       4.8       61         237       8.5       176       6.3       97       3.5       96       4.8       61         237       8.5       16       7.7       128       7.7       82       86         237       8.5       16       5.5       84       3.9       7       82         24       11.8       17       4.2       12       12       12       12       12         41       9.4       2.3       5.3       18       3.9       7       7         41       9.4       7.0       11       2.4       2.1       2       2       12         139		665	
10 $20.4$ 6 $12.2$ 3 $6.1$ 2         12 $6.3$ 9 $4.7$ 4 $2.1$ 2         230 $19.7$ $213$ $12.7$ $128$ $7.7$ $82$ 239 $11.9$ $153$ $7.6$ $96$ $4.8$ $61$ 2         237 $8.5$ $176$ $6.3$ $97$ $3.5$ $66$ $15$ 237 $8.5$ $176$ $6.3$ $97$ $3.5$ $66$ $15$ 237 $8.5$ $176$ $6.3$ $97$ $3.5$ $66$ $15$ 237 $8.5$ $10.4$ $119$ $5.5$ $84$ $3.9$ $43$ 24 $94$ $12$ $42$ $12$ $44$ $12$ 41 $8.7$ $25$ $5.3$ $19$ $44$ $12$ 41 $8.7$ $2.7$ $2.9$ $4.4$ $2.1$ $2.1$ $11$ $9.4$ $2.1$ $2.1$ $2.1$ $2.1$ $2.1$ $2.1$	740 75	547	55.9 979
10 $20.4$ 6 $12.2$ 3 $6.1$ 2         12 $6.3$ 9 $4.7$ $4$ $2.1$ $2$ 239 $11.9$ $153$ $7.6$ 96 $4.8$ $61$ $2$ 239 $11.9$ $153$ $7.6$ 96 $4.8$ $61$ $2$ 237 $8.5$ $176$ $6.3$ $97$ $3.5$ $66$ $15$ 237 $8.5$ $176$ $6.3$ $97$ $3.5$ $66$ $15$ 237 $8.5$ $176$ $6.3$ $97$ $3.5$ $66$ $15$ 237 $8.5$ $176$ $6.3$ $97$ $3.5$ $68$ $15$ 24 $11.8$ $17$ $4.2$ $11$ $5.5$ $84$ $3.9$ $77$ $41$ $8.7$ $23$ $5.3$ $19$ $4.4$ $12$ $41$ $8.7$ $25$ $5.3$ $19$ $4.4$ $12$ $11$ $8.7$ $2.6$ $5.3$ $1.4$ <td></td> <td></td> <td></td>			
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12 $0.0$ $3.0$ $1.0$ $3.1$ $2.1$ <th< td=""><td></td><td>07 7 V</td><td>Ţ</td></th<>		07 7 V	Ţ
330       19.7 $213$ $12.7$ $128$ $1.7$ $226$ $163$ $7.6$ $96$ $4.8$ $61$ $52$ 237       8.5       176       6.3       97       3.5       68       61         226       10.4       119       5.5       84       3.9       7.6       96       4.8       61         27       13.4       14       7.0       11       5.5       66       7         27       13.4       14       7.0       11       5.5       68       7       69         27       13.4       14       7.0       11       5.5       64       7       7         41       9.4       23       5.3       19       4.4       12         1       4.8       0       0.00       0       0       0       0         1       1.25       0       0.00       0       0       0       0       0         130       13.1       7.4       24       25       57       57       5       5         130       13.1       7.4       13       3.8       6       7       7       7 <td></td> <td>124</td> <td></td>		124	
239       11.9       153       7.6       96       4.8       61         2       6.3       2       6.3       97       3.5       68       15         21       14.0       35       9.6       2.4       6.6       15       53         226       10.4       119       5.5       8.4       3.9       43       43         27       13.4       14       7.0       11       5.5       6       7         48       11.8       17       4.2       12       2.9       7       43       43       43       43       43       44       12         41       8.7       25       5.3       18       3.8       6       7       44       12       44       12       44       12       44       12       44       12       44       12       44       12       44       12       46       7	1,493 85	1,091	65.3 1,672
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		1,472	
237       8.5       176       6.3       97       3.5       66         51       14.0       35       9.6       24       6.6       15         226       10.4       119       5.5       84       3.9       43         27       13.4       14       7.0       11       5.5       6         48       11.8       17       4.2       12       2.9       7         49       10.5       40       6.1       24       3.6       7         41       9.4       23       5.3       19       4.4       12         41       8.7       25       5.3       18       3.8       6         139       131       74       7.0       19       4.4       12         139       131       74       7.0       9       4.6       7         139       131       74       7.0       9       4.6       7         139       131       74       7.0       9       4.6       7         125       0       0       0       0       0       7       7         126       131       74       13       14 <td>29 90</td> <td>25</td> <td>78.1 32</td>	29 90	25	78.1 32
51 $14.0$ $35$ $9.6$ $24$ $6.6$ $15$ $226$ $10.4$ $119$ $5.5$ $84$ $3.9$ $43$ $27$ $13.4$ $11$ $7.0$ $11$ $5.5$ $84$ $3.9$ $43$ $27$ $13.4$ $14$ $7.0$ $11$ $5.5$ $6$ $7$ $48$ $11.8$ $17$ $4.2$ $12$ $229$ $7$ $41$ $9.4$ $23$ $5.3$ $19$ $4.4$ $12$ $41$ $8.7$ $25$ $5.3$ $18$ $3.8$ $6$ $11$ $8.7$ $25$ $5.3$ $18$ $3.8$ $6$ $13$ $1.1$ $14.8$ $7.0$ $0.0$	2,465 88	88.9 2.082 7	75.1 2.774
226       10.4       119       5.5       84       3.9       43         27       13.4       14       7.0       11       5.5       6         48       11.8       17       4.2       12       2.9       7         69       10.5       40       6.1       24       3.6       12         41       9.4       23       5.3       19       4.4       12         41       9.4       23       5.3       18       3.6       7         1       4.4       23       5.3       18       3.6       7       7         1       4.8       0       0.0       0       0       0       0       0       12         139       13.1       7.4       7.0       49       4.6       27       7       7         139       13.1       74       7.0       49       4.6       27       7       7         12       12       0       0.0       0       0       0       7       7       7         139       131       7.4       19       4.6       27       7       7       7         12       12 <td></td> <td>261</td> <td></td>		261	
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27       134       14       7.0       11       5.5       6         48       11.8       17       4.2       12       2.9       7         69       10.5       40       6.1       24       3.6       12         41       9.4       23       5.3       19       4.4       12         41       9.4       23       5.3       18       3.6       12         1       4.8       0       0.0       0       0       0       0         139       131       74       7.0       49       4.6       27       27         139       13.1       74       7.0       49       4.6       27       27         139       13.1       74       7.0       49       4.6       27       27         139       13.1       74       7.0       49       4.6       27       27         12       12       0       0.0       0       0       0       7       7         12       12       12       12       12       12       12       27       27       27       27         12       12       12 <t< td=""><td>2,020</td><td>100,1</td><td>/ 1.0 2, 1/4</td></t<>	2,020	100,1	/ 1.0 2, 1/4
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48       11.8       17       4.2       12       2.9       7         69       10.5       40       6.1       24       3.6       12         41       9.4       23       5.3       19       4.4       12         1       8.7       25       5.3       18       3.8       6         1       4.8       0       0.0       0       0       0       0         139       13.1       74       7.0       49       4.6       27         139       13.1       74       7.0       49       4.6       27         1       12.5       0       0.0       1       12.5       0       27         28       5.8       16       3.3       10       2.1       7       7         28       5.8       16       3.3       10       2.1       7       7         12       12.0       7       7.0       5       5.0       2       7         75       9.3       33       4.1       27       3.4       12       7         7.8       7.4       7.0       5       5.0       2       7 <t< td=""><td></td><td>149</td><td></td></t<>		149	
69       10.5       40       6.1       24       3.6       12         41       9.4       23       5.3       19       4.4       12         1       8.7       25       5.3       18       3.8       6         1       4.8       0       0.0       0       0       0       0         139       13.1       74       7.0       49       4.6       27         1       12.5       0       0.0       1       12.5       0         1       12.5       0       0.0       1       12.5       0       27         28       5.8       16       3.3       10       2.1       7       7         28       5.8       16       3.3       10       2.1       7         12       12.0       7       7.0       5       5.0       2         75       9.3       33       4.1       27       3.4       12         7.6       1.7       74       12       7.4       46       4.6       26		312	
41       9.4       23       5.3       19       4.4       12         41       8.7       25       5.3       18       3.8       6         1       4.8       0       0.0       0       0       0       0         139       13.1       7.4       7.0       49       4.6       27         139       13.1       7.4       7.0       49       4.6       27         14       9.2       21       4.4       19       4.0       7         1       12.5       0       0.0       1       12.5       0         28       5.8       16       3.3       10       2.1       7         28       5.8       16       3.3       10       2.1       7         75       9.3       33       4.1       27       3.4       12         75       9.3       33       4.1       27       3.4       12         7.4       13       7.4       4.64       4.6       286		206	
41       8.7       25       5.3       18       3.8       6         1       4.8       0       0.0       0       0       0       0         139       13.1       7.4       7.0       49       4.6       27         139       13.1       7.4       7.0       49       4.6       27         1       12.5       0       0.0       1       12.5       0       7         28       5.8       16       3.3       10       2.1       7       7         28       5.8       16       3.3       10       2.1       7       7         12       12.0       7       7.0       5       5.0       2       7         75       9.3       33       4.1       27       3.4       12       7         7       7.0       5       5.0       2       2       7       7         75       9.3       33       4.1       27       3.4       12       7         12       136       7.4       464       4.6       286       8       8       8			
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75         9.3         33         4.1         27         3.4         12           1,186         11.7         748         7.4         464         4.6         286           e.	61 61	97.0 74 7	74.0 100
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<sup>a</sup> Participants with a valid negative NHSS HIV test result.			
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HIV Surveillance Supplemental Report

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Mo.         %         No.         % <th></th> <th>Inc.         %         No.         %         No.</th> <th></th> <th>Anal</th> <th></th> <th>Condomles</th> <th>ss anal sex</th> <th>Anal</th> <th>sex</th> <th>Condomle</th> <th>ss anal sex</th> <th>partners-se</th> <th>x of any type<sup>a</sup></th> <th></th>		Inc.         %         No.		Anal		Condomles	ss anal sex	Anal	sex	Condomle	ss anal sex	partners-se	x of any type <sup>a</sup>		
gentive at interview (y)         405         56         3.33         46         4.96         61         3.325         46         2.79         32           at interview (y)         115         64         51         100         511         103         511         505         515         501         447           20         115         64         51         105         511         103         511         505         515         501         447           20         25         54         105         561         103         561         103         561         517         505         561         517         501	epertorie         4.005         5.6         3.336         4.68         4.966         6.7         3.325         4.67         2.579         3.25           2.11         1.11         5.6         5.1         1.038         7.17         923         5.11         801         4.47           2.8         1.11         5.6         5.1         1.038         7.17         923         5.11         801         4.47           2.8         4.66         6.7         3.86         6.67         3.86         6.67         3.86         4.75         5.61         4.75         5.61         4.75         5.61         4.75         5.61         4.75         5.61         5.61         5.65         5.61         5.65         5.61         5.65         5.61	eperture interfaction (Michalicy)         4(05         5(6         3.36         6(8         4/96         6(7         3.25         6(7         2.79         3.25           21         1(15)         6(1         6(2         521         1(03         717         1(02         515         601         445           21         1(15)         6(4         7.2         259         515         501         547         515         501         547         515         501         547         515         515         501         547         515         516         516         516         516         516         516         516         516         516         516         516         516         516         517         516		No.	%	No.	%	No.	%	No.	%	No.	%	Total No.	
at interview (yr) $(1, 1, 2, 6)$ $(2, 1)$ $(2, 2, 2)$ $(2, 2, 3)$ $(2, 2, 3)$ $(2, 2, 3)$ $(2, 3, 3)$ <td>at interview (v)         <math>(4,1)</math> <math>(4,1)</math></td> <td>at interview (y)         at interview (y)</td> <td>IIV-negative<sup>b</sup></td> <td>4,035</td> <td>56.6</td> <td>3,336</td> <td>46.8</td> <td>4,966</td> <td>69.7</td> <td>3,325</td> <td>46.7</td> <td>2,579</td> <td>36.2</td> <td>7,125</td>	at interview (v) $(4,1)$	at interview (y)	IIV-negative <sup>b</sup>	4,035	56.6	3,336	46.8	4,966	69.7	3,325	46.7	2,579	36.2	7,125	
24         25         617         602         220         230         717         235         515         514         435           36         415         53         416         511         1304         717         1022         511         501         324           36         425         323         238         552         564         339         347         271         1052         511         501         345         333           ethnicity         345         323         238         553         713         667         347         373         303           ethnicity         33         663         324         713         900         453         513         304           ethnicity         33         633         713         713         900         453         733         406           ethnicity         33         634         713         914         157         713         907         413         713         907         413         713         916           ethnicity         33         533         713         916         733         713         917         917         913         916         <	24         25         27         36         43         56         435         56         435           06         1136         64         101         601         1304         717         1022         615         645         435         654         435           06         1246         644         1061         601         1504         717         1022         615         717         806         345         645         435           06         1246         543         723         359         552         663         353         617         157         60         345         645         353           06         643         552         723         553         713         616         717         616         713         616         713         617         713         617         713         713         713         713         713         713         713         713         714         713         714         713         714         713         713         714         713         713         714         713         714         714         716         713         714         714         716         714 <t< td=""><td>24 <math>264</math> <math>617</math> <math>602</math> <math>220</math> <math>320</math> <math>73</math> <math>356</math> <math>435</math> <math>435</math> <math>36</math> <math>1126</math> <math>643</math> <math>473</math> <math>320</math> <math>326</math> <math>345</math> <math>324</math> <math>324</math> <math>324</math> <math>324</math> <math>326</math> <math>324</math> <math>326</math> <math>326</math></td><td>Age at interview (yr)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	24 $264$ $617$ $602$ $220$ $320$ $73$ $356$ $435$ $435$ $36$ $1126$ $643$ $473$ $320$ $326$ $345$ $324$ $324$ $324$ $324$ $326$ $324$ $326$	Age at interview (yr)												
000000000000000000000000000000000000	22 $1156$ $615$ $970$ $511$ $1338$ $717$ $202$ $515$ $601$ $447$ $60$ $447$ $32$		18–24	824	64.7	662	52.0	920	72.3	555	43.6	554	43.5	1,273	
33         12.66         39.4         1051         501         156         717         1022         601         806         38.4           60         34.5         37.2         27.3         38.6         57.5         56.4         39.9         8.7         157         160           actention/Maska Native         36         3.2         27.2         27.8         55.5         56.4         39.9         8.7         17         905         58.4         37.5           actention/Maska Native         36         3.2         27.2         1.85         57.9         90         66.9         58.4         37.5           actention/Maska Native         36         36.3         27.2         1.85         77.9         907         45.3         74.8         37.4           action/Maska Native         1.58         58.3         77.9         107         117         46.5         133         40.6           action/Maska Native         1.58         58.4         1.570         77.2         1.08         68.3         74.8         37.4           action/Maska Native         1.571         1.570         72.2         1.08         40.1         50.3         40.3           actintrecover </td <td>30         1,4,6         5,4         1,5,1         5,1         1,5,0         7,1         1,0,2         5,1         9,6         3,4           60         34,5         3,2         2,2         2,8         5,5         5,4         3,9         3,4         5,1         5</td> <td>33         <math>1246</math> <math>324</math> <math>1051</math> <math>501</math> <math>1504</math> <math>712</math> <math>1025</math> <math>501</math> <math>506</math> <math>324</math>           60         <math>345</math> <math>322</math> <math>322</math> <math>323</math> <math>326</math> <math>326</math></td> <td>25–29</td> <td>1,155</td> <td>64.5</td> <td>970</td> <td>54.1</td> <td>1,338</td> <td>74.7</td> <td>923</td> <td>51.5</td> <td>801</td> <td>44.7</td> <td>1,792</td>	30         1,4,6         5,4         1,5,1         5,1         1,5,0         7,1         1,0,2         5,1         9,6         3,4           60         34,5         3,2         2,2         2,8         5,5         5,4         3,9         3,4         5,1         5	33 $1246$ $324$ $1051$ $501$ $1504$ $712$ $1025$ $501$ $506$ $324$ 60 $345$ $322$ $322$ $323$ $326$	25–29	1,155	64.5	970	54.1	1,338	74.7	923	51.5	801	44.7	1,792	
qq $qq$ </td <td>qq         qq         qq&lt;         qq         qq</td> <td>90         400         473         381         382         653         444         211         266           ethnicty         345         352         353         353         353         351         361         371         371           ethnicty         345         553         723         273         573         560         385         567         333           Mittein Indiar/Masia Mathe         32         653         723         123         719         136         563         733         719         713         71</td> <td>30–39</td> <td>1,246</td> <td>59.4</td> <td>1,051</td> <td>50.1</td> <td>1,504</td> <td>71.7</td> <td>1,052</td> <td>50.1</td> <td>806</td> <td>38.4</td> <td>2,098</td>	qq         qq<         qq	90         400         473         381         382         653         444         211         266           ethnicty         345         352         353         353         353         351         361         371         371           ethnicty         345         553         723         273         573         560         385         567         333           Mittein Indiar/Masia Mathe         32         653         723         123         719         136         563         733         719         713         71	30–39	1,246	59.4	1,051	50.1	1,504	71.7	1,052	50.1	806	38.4	2,098	
Heriteric         35         352         272         278         564         359         367         157         160           eleftric(t)           norm         33         43         7         351         14         286         37         351         141         347           norm         33         48.4         7         335         138         719         90         469         56         323         331           norm         136         53.2         170         416         702         143         51.8         173         346         332           norm         136         53.2         170         46.9         70.2         143         56.3         133         346           norm         20.6         55.1         170         44.15         71.2         147         53         349         713         346           norm         20.6         55.1         170         44.15         71.2         147         718         718         713         346           norm         20.6         55.1         111         55.2         144         175         66.0         331         712         1	Affective         345         352         272         273         551         14         266         17         161           arcan indiativitation         363         563         22         449         27         551         14         266         17         347           arcan indiativitation         363         563         72         449         27         551         14         266         17         347           Afficient Anancian         363         563         72         468         1,416         707         907         455         53         32           anticitation         136         552         170         116         707         907         455         33         34           anticitation         156         562         170         466         299         710         1177         455         133         34           anticitation         156         562         170         466         710         1177         455         133         34           anticitation         153         544         1570         722         149         755         143         713         413         713         413         71	Herioticity         345         352         352         554         395         677         157         160           arcan Indan/Jaska Native         33         643         72         551         14         286         73         34         32           Arcan Indan/Jaska Native         33         643         72         551         14         286         32           Antician Antician         335         553         72         44.9         77         660         453         746         37.1           Antician Antician         335         553         138         702         146         707         907         453         749         37.1           Antician Markinan         158         553         138         702         148         703         364         37.2           Antician Markinan         1366         562         170         466         702         148         703         364           Antionan         158         563         133         364         702         148         717         465         133         364           Antionan         151         51         151         157         157         148 <t< td=""><td>40-49</td><td>465</td><td>47.3</td><td>381</td><td>38.8</td><td>652</td><td>66.3</td><td>436</td><td>44.4</td><td>261</td><td>26.6</td><td>983</td></t<>	40-49	465	47.3	381	38.8	652	66.3	436	44.4	261	26.6	983	
effethinicity           effethinicity           state in the indext Matrix           State in the indext Matrix           State indext matrix	effectively           endinicity         33         65.3         24.9         27         55.1         14         28.6         17         34.7           serical Indian/Alaska Native         33         48.4         74         38.5         138         71.9         90         46.9         58         30.2           SMMineral American         335         55.5         702         42.0         11.15         67.7         960         39.5         56.3         31.3         40.6         33.9         34.6         32.9         34.6         32.9         34.6         32.9         34.6         32.9         34.6         32.9         34.6         32.9         34.6         32.9         34.6         32.9         34.7         45.6         33.9         34.7         45.6         33.9         34.7         45.6         33.9         34.7         45.6         33.9         34.7         45.6         33.9         42.7         33.9         42.7         55.3         34.9         42.7         55.3         34.9         42.7         55.9         36.7         33.9         42.7         55.9         36.7         33.9         54.7         35.9         36.7         33.9         34.7         45.7 <td>elemently           elemently           and model alsa Native         3         65.3         2.2         4.3         7.1         4.6         7.1         4.7         3.3         3.3           and model alsa Native         3         4.4         7.1         3.5         1.35         7.6         3.3         3.4         3.3           and Model alsa         1.166         55.3         1.36         55.3         1.35         4.6         3.3         3.4         3.3         3.4         3.5         3.6         3.3         3.4         3.5         3.6         3.3         3.4         3.5         3.6         3.4         3.6</td> <td>≥50</td> <td>345</td> <td>35.2</td> <td>272</td> <td>27.8</td> <td>552</td> <td>56.4</td> <td>359</td> <td>36.7</td> <td>157</td> <td>16.0</td> <td>679</td>	elemently           elemently           and model alsa Native         3         65.3         2.2         4.3         7.1         4.6         7.1         4.7         3.3         3.3           and model alsa Native         3         4.4         7.1         3.5         1.35         7.6         3.3         3.4         3.3           and Model alsa         1.166         55.3         1.36         55.3         1.35         4.6         3.3         3.4         3.3         3.4         3.5         3.6         3.3         3.4         3.5         3.6         3.3         3.4         3.5         3.6         3.4         3.6	≥50	345	35.2	272	27.8	552	56.4	359	36.7	157	16.0	679	
motion         2         6.3         2         4.4         7.5         1         4         2.6         1         3.4           Mittain Maska Mathie         33         5.6.3         7.2         4.49         7.19         90         4.6.6         17         347           Mittain Minitrain         33         5.6.3         7.02         4.20         1,135         5.5         5.67         3.9         3.6.6         3.7.4         3.7.4         3.7.4         3.7.5         5.67         3.3.9         3.6.4         3.7.4         3.7.4         3.7.5         7.68         3.7.4         3.7.4         3.7.5         3.7.6         3.7.4         3.7.6         3.7.7         3.66         3.7.5         3.6.4         3.7.4         3.7.6         3.7.6         3.7.4         3.7.6         3.7.4         3.7.6	model         32         63.3         22         44.9         27         55.1         14         26         17         34.7           Mitrian American Inder/Maska Mathe         33         55.9         702         42.0         17.3         67.1         90         45.6         17         34.5           Mitrian American American Merican         935         55.9         702         42.0         1,15         67.1         907         45.3         74         37.4           anticulation <sup>5</sup> 1,185         55.2         707         966         35.5         567         33.9         36.4         37.4           anticulation <sup>5</sup> 1,185         55.2         1,70         46.6         70.2         1,437         51.8         137         36.4           astitueview (y)         151         55.1         111         55.2         14.4         1,570         72.2         1,08         41.3         73.2           astitueview (y)         151         51.1         111         55.2         14.4         1,570         71.2         1,08         41.3         73.2           23         54.4         73.2         36.4         73.2         36.4         73.2         36.4	model         22         65.3         22         44.9         27         55.1         14         286         17         34.7           model         335         55.9         702         20.0         1125         67.3         395         56.7         392           anticitation <sup>6</sup> 1186         59.2         976         48.9         1,48         71.9         907         45.3         74.8         37.4           anticitation <sup>6</sup> 15.8         59.2         976         48.9         1,49         70.7         907         45.3         74.8         37.4           anticitation <sup>6</sup> 1,56         59.2         170         46.6         77.2         1,49         77.7         48.5         1,33         36.4           anticitation <sup>6</sup> 1,256         59.1         46.6         70.7         72.2         1,49         77.2         1,49         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.2         36.4         77.5         36.4 <td>Race/ethnicity</td> <td></td>	Race/ethnicity												
m         m         93         644         74         335         138         719         90         469         58         302           Maintanterican         935         553         702         420         1125         673         906         355         573         303           anivelation         115         553         1357         420         1416         673         901         453         534         313         406           anivelation         1568         553         1357         439         1446         702         1477         518         1031         372           anivelation         1568         553         1357         439         1446         702         1477         518         373           attriterie         1561         111         552         144         1570         122         136         413         137         203         413         372           attriterie         333         339         344         504         722         136         732         533         413         713         334           attriterie         133         314         324         333         314	m         33         434         74         335         138         719         60         653         53         733           Adfinition         1         1         1         1         1         1         1         1         1         33         34         33         33         34         33         33         34         33         34         34         33         34 <th< td=""><td>m         m</td><td>American Indian/Alaska Native</td><td>32</td><td>65.3</td><td>22</td><td>44.9</td><td>27</td><td>55.1</td><td>14</td><td>28.6</td><td>17</td><td>34.7</td><td>49</td></th<>	m         m	American Indian/Alaska Native	32	65.3	22	44.9	27	55.1	14	28.6	17	34.7	49	
Withing         Signed         Signe			Asian	93	48.4	74	38.5	138	71.9	06	46.9	58	30.2	192	
amiclatino <sup>4</sup> 1,16         59.2         97.6         48.8         1,41.6         70.7         90.7         45.3         74.8         37.4           we Hawiain/Other Packin Islander         1,58         55.8         1,37         46.8         7.07         907         45.3         74.8         37.4           we Hawiain/Other Packin Islander         1,58         55.8         1,37         46.8         7.0         1,47         56.3         133         36.4           opin races         205         56.2         1,70         46.6         2.99         7.10         1,77         45.1         133         36.4           at interview (yr)         151         75.1         111         55.2         1,44         1,570         7.22         1,08         4.1         86.3         4.2           20         56.1         170         46.4         1,570         7.22         1,08         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2         96         4.2	amelicating <sup>-1</sup> 1,185         592         976         48.8         1,416         707         45.3         748         37.4           we kawaian/Other Pacific Islander         13         55.8         1,37         49.6         53.3         23         71.9         16.6         53.3         133         30.6           we kawaian/Other Pacific Islander         1,34         55.8         1,37         49.6         53.9         71.0         177         46.5         71.9         133         30.2           opine         1,51         7.6         1,70         46.6         2.99         71.0         177         46.5         133         30.2           opine         1,51         7.6         1,11         55.2         1,44         71.6         63         47.1         63         47.3         54.6         72.2         108         47.1         69.7         47.3         54.6         23.9         47.3         54.6         23.9         47.3         54.6         23.9         47.3         54.6         23.9         47.9         54.6         23.9         47.9         54.6         23.9         47.9         54.6         23.9         47.9         54.6         54.9         57.1         5	americality         1185         59.2         9.7         4.8         1.416         7.07         9.07         4.53         7.48         3.74           americality         1.3         5.3         1.3         7.19         1.8         5.3         1.3         7.19         1.8         5.3         1.3         7.19         1.8         5.3         1.3         7.19         1.8         5.3         1.3         3.64           opic races         2.05         5.2         1.70         4.65         2.99         7.10         1.7         4.85         1.33         3.64           opit/velw         1.3         5.1         1.11         5.2         1.44         1.570         7.22         1.69         3.73         3.64           opit/velw         1.41         5.3         3.04         7.45         3.93         4.15         1.7         4.85         1.33         3.64           opit/velw         1.41         5.2         1.41         5.2         1.44         1.570         7.22         1.68         4.75         3.93         4.75           3.3         3.41         3.52         3.44         3.52         3.43         3.53         3.43         3.53         3.43<	Black/African American	935	55.9	702	42.0	1,125	67.3	660	39.5	567	33.9	1,672	
ve HawaianOchter Pacific Islander       19       59.4       18       56.3       137       49.6       71.9       18       56.3       137       40.6         ible races       15.48       55.6       1,377       48.9       1,948       77.0       1,477       51.8       1,031       37.2         oblic races       15.48       55.6       1,377       48.9       1,948       77.0       1,477       51.8       1,031       37.2         ostitive <sup>d</sup> 1,285       59.1       96.5       4.44       1,570       72.2       1,068       47.3       38.4       38.	ve Havalian(Other Pacific Islander       19       59.4       18       56.3       23       71.9       18       56.3       13       406         term       15.00       5.68       1.367       4.99       1.398       702       1,477       51.6       1031       37.2         term       astimative       1.00       7.2       1.00       7.2       1.06       491       823       36.4         astimative       53.1       53.1       53.2       53.4       1.57       51.6       1.37       51.6       1.37       51.6       1.37       36.4         astimative       1.11       55.2       1.44       1.57       7.2       1.06       41.7       82.9       33.1         astimative       1.31       53.3       31.9       43.4       53.2       53.4       47.5       53.9       47.3         astimative       1.31       63.4       73.2       23.9       63.4       73.2       53.4       53.4       53.3       47.3         astimative       1.31       61.9       73.2       23.9       63.4       73.2       23.9       63.4       73.2       63.6       73.5       63.6 <td>ve Havalian(Other Pacific Islander         19         59.4         18         56.3         23         71.9         18         56.3         13         40.6           te         c         1.570         48.9         1.948         70.2         1.477         51.8         1.031         37.2           te         costine*         1.570         48.9         1.48         55.8         1.16         55.2         1.17         51.8         1.031         37.2           costine*         1.286         59.1         96.6         44.4         1.570         72.2         1.06         49.1         82.9         36.4           costine*         1.286         59.1         96.6         44.4         1.570         72.2         1.06         49.1         82.9         36.4           29.9         20.4         56.3         30.4         73.2         20.4         73.2         20.9         47.3         20.9         47.3         20.9         20.3           20.9         20.4         20.4         20.4         20.4         20.2         20.3         47.3         20.3         47.3         20.9         47.3         20.9         20.3         20.3         20.3         20.3         20.</td> <td>Hispanic/Latino<sup>c</sup></td> <td>1,185</td> <td>59.2</td> <td>976</td> <td>48.8</td> <td>1,416</td> <td>70.7</td> <td>206</td> <td>45.3</td> <td>748</td> <td>37.4</td> <td>2,002</td>	ve Havalian(Other Pacific Islander         19         59.4         18         56.3         23         71.9         18         56.3         13         40.6           te         c         1.570         48.9         1.948         70.2         1.477         51.8         1.031         37.2           te         costine*         1.570         48.9         1.48         55.8         1.16         55.2         1.17         51.8         1.031         37.2           costine*         1.286         59.1         96.6         44.4         1.570         72.2         1.06         49.1         82.9         36.4           costine*         1.286         59.1         96.6         44.4         1.570         72.2         1.06         49.1         82.9         36.4           29.9         20.4         56.3         30.4         73.2         20.4         73.2         20.9         47.3         20.9         47.3         20.9         20.3           20.9         20.4         20.4         20.4         20.4         20.2         20.3         47.3         20.3         47.3         20.9         47.3         20.9         20.3         20.3         20.3         20.3         20.	Hispanic/Latino <sup>c</sup>	1,185	59.2	976	48.8	1,416	70.7	206	45.3	748	37.4	2,002	
te $1,346$ 5.6 $1,377$ 4.8.9 $1,948$ 7.02 $1,437$ 5.1.8 $1,031$ $372$ opic races         205         56.2 $170$ 46.6         2.99 $710$ $177$ 48.5 $133$ $36.4$ ositive <sup>4</sup> 1         151 $75.1$ $111$ 55.2 $170$ $42.5$ $133$ $36.4$ ast interview (y)         151 $75.1$ $111$ 55.2 $144$ $1,570$ $72.2$ $1,068$ $47.5$ $38.4$ $23$ $239$ $230$ $344$ $504$ $765$ $380$ $47.5$ $133$ $36.4$ $230$ $231$ $344$ $304$ $239$ $304$ $755$ $330$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ $47.5$ $393$ </td <td>te         1,548         5.8         1,357         4.89         1,948         702         1,437         51.8         1,031         37.2           tiple races         205         5.62         1,70         4.66         2.29         7,10         1,77         4.65         1,33         36.4           celtined*         1,285         5.91         965         4.44         1,570         7.22         1,068         4.91         829         38.1           at interview (yr)         151         751         111         552         144         716         83         413         103         51.3         36.4           29         237         244         175         39         36.4         74.5         199         47.5         193         47.3           30         237         237         34.4         37.3         234         23.3         234         23.3         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3</td> <td>te         1,548         558         1,37         48.9         1,948         702         1,47         51.8         1,031         37.2           tiple races         205         56.2         1,70         46.6         259         71.0         177         48.5         1,33         36.4           ositive<sup>4</sup>         157         51         71         157         72         1,068         49.1         293         36.1           ast interview (yr)         151         75.1         111         55.2         144         71.6         83         41.3         103         51.2           20         239         244         30.4         239         30.4         755         139         47.5         133         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4</td> <td>Native Hawaiian/Other Pacific Islander</td> <td>19</td> <td>59.4</td> <td>18</td> <td>56.3</td> <td>23</td> <td>71.9</td> <td>18</td> <td>56.3</td> <td>13</td> <td>40.6</td> <td>32</td>	te         1,548         5.8         1,357         4.89         1,948         702         1,437         51.8         1,031         37.2           tiple races         205         5.62         1,70         4.66         2.29         7,10         1,77         4.65         1,33         36.4           celtined*         1,285         5.91         965         4.44         1,570         7.22         1,068         4.91         829         38.1           at interview (yr)         151         751         111         552         144         716         83         413         103         51.3         36.4           29         237         244         175         39         36.4         74.5         199         47.5         193         47.3           30         237         237         34.4         37.3         234         23.3         234         23.3         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3         23.4         23.3	te         1,548         558         1,37         48.9         1,948         702         1,47         51.8         1,031         37.2           tiple races         205         56.2         1,70         46.6         259         71.0         177         48.5         1,33         36.4           ositive <sup>4</sup> 157         51         71         157         72         1,068         49.1         293         36.1           ast interview (yr)         151         75.1         111         55.2         144         71.6         83         41.3         103         51.2           20         239         244         30.4         239         30.4         755         139         47.5         133         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4         47.3         33.4	Native Hawaiian/Other Pacific Islander	19	59.4	18	56.3	23	71.9	18	56.3	13	40.6	32	
liple races         205         56.2         170         46.6         259         71.0         177         46.5         133         36.4           estitue <sup>4</sup> 1.288         59.1         965         44.4         1,570         72.2         1068         49.1         82.9         38.1           at interview (y)         1         75.1         111         55.2         14.4         7.16         83         47.3         103         51.2           29         203         203         30.4         74.5         30.8         47.5         30.3         47.5         30.3         47.5         30.4         47.5         30.3         47.5         30.3         47.5         30.4         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         47.5         30.3         <	iple races         205         56.2         170         46.6         239         71.0         177         48.5         133         36.4           at interview (yr)                 36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4          36.4	Ipile races $205$ $562$ $170$ $466$ $259$ $710$ $177$ $485$ $133$ $364$ at interview (yr) $1287$ $591$ $965$ $444$ $1570$ $722$ $1088$ $491$ $829$ $381$ $24$ $151$ $751$ $111$ $552$ $144$ $716$ $83$ $413$ $103$ $512$ $29$ $237$ $544$ $172$ $396$ $421$ $829$ $313$ $421$ $829$ $313$ $421$ $829$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $323$ $324$ $325$ $324$ $325$ $324$ $326$ $326$	White	1.548	55.8	1.357	48.9	1.948	70.2	1.437	51.8	1.031	37.2	2.774	
ostitive <sup>4</sup> 1,285         59.1         965         44.4         1,570         72.2         1,068         49.1         829         38.1           24         at interview (yr)         151         75.1         111         55.2         144         71.6         83         41.3         103         51.2           29         70.8         220         53.9         304         74.5         306         54.6         233         47.3           39         417         60.3         319         48.4         75.2         336         54.6         233         47.3           39         23         54.4         172         39.4         76.5         366         54.6         233         42.9           39         233         319         48.4         73         32.2         54.6         533         54.1         55         43.9         57.1           5         71.4         112         31.3         61.9         73.2         233         54.4         125         57.1           6         61.0         44.5         42.0         72.2         11         61.1         67         57.1           5         66.6         61.0	ostitive <sup>4</sup> 1,285         59.1         965         44.4         1,570         722         1,068         49.1         829         38.1           at interview (yr)         151         75.1         111         55.2         144         71.6         83         41.3         103         51.2           29         237         54.4         172         39.4         74.5         198         47.5         193         47.3           29         237         54.4         172         39.4         56.5         36.6         54.6         203         47.5           29         237         54.4         172         39.4         56.5         56.6         56.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5         58.4         57.5	ostitue <sup>4</sup> 1,285         50.1         565         44.4         1,570         722         1,068         49.1         829         38.1           rati interview (yr)         15         7.51         111         55.2         144         71.6         83         41.3         103         51.2           23         289         7.51         111         55.2         144         71.6         83         41.3         103         51.2           39         237         54.4         172         394         732         233         53.4         172         349         47.5         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.3         349         47.4         47.3         349         47.4         47.4         47.4         47.4         47.4         47.4         47.4 <td>Multiple races</td> <td>205</td> <td>56.2</td> <td>170</td> <td>46.6</td> <td>259</td> <td>71.0</td> <td>177</td> <td>48.5</td> <td>133</td> <td>36.4</td> <td>365</td>	Multiple races	205	56.2	170	46.6	259	71.0	177	48.5	133	36.4	365	
Definition $151$ $75.1$ $111$ $55.2$ $144$ $71.6$ $83$ $41.3$ $103$ $51.2$ $20.1$ </td <td>Description         <math>r_{1,00}</math> <math>r_{2,11}</math> <math>r_{1,00}</math> <math>r_{2,11}</math> <math>r_{1,00}</math> <math>r_{2,11}</math> <math>r_{1,00}</math> <math>r_{2,11}</math> <math>r_{2,12}</math> <math>r_{2,00}</math> <math>r_{2,11}</math> <math>r_{2,12}</math> <math>r_{2</math></td> <td>Matrix         Matrix         Matrix</td> <td></td> <td>1 285</td> <td>E0 1</td> <td>ORE</td> <td>~ ~ ~</td> <td>1 570</td> <td>6 62</td> <td>1 069</td> <td>101</td> <td>008</td> <td>20.1</td> <td>1710</td>	Description $r_{1,00}$ $r_{2,11}$ $r_{1,00}$ $r_{2,11}$ $r_{1,00}$ $r_{2,11}$ $r_{1,00}$ $r_{2,11}$ $r_{2,12}$ $r_{2,00}$ $r_{2,11}$ $r_{2,12}$ $r_{2$	Matrix		1 285	E0 1	ORE	~ ~ ~	1 570	6 62	1 069	101	008	20.1	1710	
24       75.1       111       55.2       144       71.6       83       41.3       103       51.2       2         29       70.8       220       53.9       304       74.5       194       47.5       193       47.3       429       69       67       16       163       17       193       42.1       163       17       11       61.1       68       33.3       11       72.2       133       40.9       375       35.4       11       11       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       42.1       23	24       75.1       111       55.2       144       716       83       41.3       103       51.2       2         29       70.8       220       53.9       304       74.5       194       47.5       193       47.3       103       51.2       2         39       237       54.4       172       39.4       504       76.5       360       54.6       283       47.3       103       51.2       233       47.3       103       51.2       233       47.3       103       51.2       233       47.3       103       51.2       34.9       50.4       76.5       360       76.5       360       76.5       360       76.5       363       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       47.3       103       57.4       12       57.1       10       11       57.4       12       57.1       10       47.8       10       47.8       10       47.3	24       71       151       751       111       552       144       716       83       413       103       512       23         29       708       20       539       304       745       194       475       193       47.5       133       47.3       103       51.2       23       47.3       103       51.2       133       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       139       47.5       149       17       230       54.6       209       54.6       209       54.6       209       54.6       203       47.5       33.3       47.3       40.9       37.7       37.6       41.1       16       33.3       33.3       13       72.2       41.3       40.9       37.6       41.6       33.3       35.4       41.6       37.6       41.6       33.3       35.4       41.6       41.6       47.5       51.6       42.7       200       <	Δα at interview (vr)	1,200		000	r. F	010'1	7.7.1	000,1		670	00	1	
29       703       220       539       304       745       194       475       193       473       23       473       24       773       24       773       233       534       152       349       473       23       429       64       233       534       152       349       473       209       636       54.6       283       473       209       63.6       54.6       283       473       209       63.6       54.6       283       473       429       64       61.0       445       42.0       732       233       53.4       152       34.9       10       11       61       68       203       47.3       42.0       732       54       172       34.9       703       72.2       14       13       61.9       17       88       42.1       98       20.9       42.1       98       20.9       42.1       98       20.9       42.1       16       16       16       16       16       17       86       46.6       61.0       445       42.0       72.5       86       43.3       40.9       375       35.4       11       6       73.3       56       40.9       76.0       41.8 <td< td=""><td>29       708       220       539       34       745       194       475       133       47</td><td>23       708       200       53.9       304       745       194       475       193       475       193       475       193       475       193       473       20       233       423       233       473       233       473       233       473       233       473       233       473       233       473       233       473       233       473       233       473       423       403       475       133       473       423       429       64       11       611       6       333       11       722       11       611       9       772       271       11       611       6       333       11       722       11       611       6       333       11       524       12       57.1       11       11       611       6       333       11       722       11       611       6       53.3       37</td><td>18-24</td><td>151</td><td>75.1</td><td>111</td><td>55.2</td><td>144</td><td>716</td><td>83</td><td>413</td><td>103</td><td>512</td><td>201</td></td<>	29       708       220       539       34       745       194       475       133       47	23       708       200       53.9       304       745       194       475       193       475       193       475       193       475       193       473       20       233       423       233       473       233       473       233       473       233       473       233       473       233       473       233       473       233       473       233       473       423       403       475       133       473       423       429       64       11       611       6       333       11       722       11       611       9       772       271       11       611       6       333       11       722       11       611       6       333       11       524       12       57.1       11       11       611       6       333       11       722       11       611       6       53.3       37	18-24	151	75.1	111	55.2	144	716	83	413	103	512	201	
39       417       53.3       319       48.4       50.4       75.5       36.0       54.6       28.3       47.9         49       191       40.6       143       30.4       299       63.6       198       42.1       98       20.9       54.6       28.3       47.9       54.9       72.9       19       40.6       143       30.4       299       63.6       198       42.1       98       20.9       53.4       15.2       34.9       20.9       53.4       15.2       34.9       20.9       53.4       15.2       34.9       20.9	30       417       6.3       319       4.4       5.04       7.5       360       54.6       283       4.29         40       131       40.6       143       30.4       299       6.36       54.6       283       4.29       6         eleftmicity       191       40.6       143       30.4       299       6.36       54.6       283       4.29       6       2.23       53.4       152       34.9       2.09       2.03       54.6       283       4.29       6       2.09       5.3       53.4       152       34.9       2.09       2.03       53.4       152       34.9       2.09       2.03       53.4       152       34.9       2.09       2.03       53.4       152       34.9       2.09       2.03       53.4       152       34.9       2.09       2.03       34.9       2.09       2.03       34.9       2.09       2.03       34.9       2.09       2.03       34.9       2.03       34.0       2.03       34.0       2.03       2.03       34.0       2.03       34.0       2.03       34.0       2.03       34.0       2.03       36.4       1.0       1.0       1.0       1.0       1.0       1.0	30 $417$ $633$ $319$ $484$ $504$ $755$ $566$ $420$ $237$ $429$ $237$ $544$ $172$ $394$ $319$ $732$ $233$ $534$ $152$ $349$ $209$ $6$ $109$ $426$ $147$ $633$ $319$ $732$ $233$ $544$ $172$ $394$ $319$ $732$ $233$ $534$ $152$ $429$ $6$ $7$ $98$ $209$ $6$ $7$ $98$ $209$ $6$ $7$ $98$ $209$ $6$ $7$ $98$ $209$ $16$ $333$ $310$ $117$ $98$ $209$ $11$ $98$ $209$ $42$ $11$ $98$ $209$ $42$ $11$ $98$ $203$ $90$ $712$ $217$ $313$ $11$ $98$ $203$ $90$ $712$ $200$ $712$ $200$ $712$ $200$ $712$ $201$ $712$ $210$ $712$ $210$ $712$ $210$ $712$ $210$ $710$ $712$	25-29	280	70.8	220	53 0	304	745	194	47.5	103	47.3	408	
0       237       544       172       394       319       732       233       534       152       34.9       29         elethnicity       15       71.4       13       30.4       299       636       198       42.1       98       20.9       2         elethnicity       15       71.4       13       61.9       17       81.0       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       10       72.2       11       61.1       6       33.3       10       72.2       11       61.1       6       33.3       10       72.2       73       29.6       56.4       20.0       71.2       57.1       11       6       33.3       10       77.2       270       56.4       20       71.1       6       75.0       71.2       270       56.4       72.0       56.1       71.3       57.0       56.4 <td>0       237       54.4       172       39.4       319       73.2       233       53.4       122       34.9       29         elethnicity       1       61.9       1       61.9       1       81.0       1       82.4       122       34.9       29       53.4       122       34.9       29       53.4       122       34.9       29       53.4       122       34.9       29       23.4       122       34.9       29       20.9&lt;</td> <td>0 <math>237</math> <math>544</math> <math>172</math> <math>394</math> <math>319</math> <math>732</math> <math>233</math> <math>534</math> <math>152</math> <math>349</math> <math>20</math>         eleftnicity       <math>11</math> <math>611</math> <math>61</math> <math>12</math> <math>313</math> <math>732</math> <math>233</math> <math>534</math> <math>152</math> <math>349</math> <math>20</math>         eleftnicity       <math>11</math> <math>611</math> <math>61</math> <math>61</math> <math>61</math> <math>61</math> <math>61</math> <math>61</math> <math>61</math> <math>63</math> <math>333</math> <math>31</math> <math>722</math> <math>11</math> <math>611</math> <math>66</math> <math>333</math> <math>310</math> <math>722</math> <math>11</math> <math>611</math> <math>61</math> <math>611</math> <math>61</math> <math>611</math> <math>722</math> <math>710</math> <math>722</math> <math>710</math> <math>722</math> <math>710</math> <math>722</math> <math>710</math> <math>722</math> <math>710</math> <math>722</math> <math>710</math> <math>722</math>       &lt;</td> <td>30-39</td> <td>417</td> <td>63.3</td> <td>319</td> <td>48.4</td> <td>504</td> <td>76.5</td> <td>360</td> <td>54.6</td> <td>283</td> <td>0.14</td> <td>659</td>	0       237       54.4       172       39.4       319       73.2       233       53.4       122       34.9       29         elethnicity       1       61.9       1       61.9       1       81.0       1       82.4       122       34.9       29       53.4       122       34.9       29       53.4       122       34.9       29       53.4       122       34.9       29       23.4       122       34.9       29       20.9<	0 $237$ $544$ $172$ $394$ $319$ $732$ $233$ $534$ $152$ $349$ $20$ eleftnicity $11$ $611$ $61$ $12$ $313$ $732$ $233$ $534$ $152$ $349$ $20$ eleftnicity $11$ $611$ $61$ $61$ $61$ $61$ $61$ $61$ $61$ $63$ $333$ $31$ $722$ $11$ $611$ $66$ $333$ $310$ $722$ $11$ $611$ $66$ $333$ $310$ $722$ $11$ $611$ $66$ $333$ $310$ $722$ $11$ $611$ $66$ $333$ $310$ $722$ $11$ $611$ $61$ $611$ $61$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $611$ $722$ $710$ $722$ $710$ $722$ $710$ $722$ $710$ $722$ $710$ $722$ $710$ $722$ <	30-39	417	63.3	319	48.4	504	76.5	360	54.6	283	0.14	659	
e/ethnicity       191       40.6       143       30.4       299       63.6       198       42.1       98       20.9       4         e/ethnicity       1       61.9       17       81.0       11       61.1       6       33.3         e/ethnicity       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3         anic/Latino <sup>c</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2.0         Adfrican American       646       61.0       445       42.0       77.2       270       56.4       200       41.8       2.0         anic/Latino <sup>c</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2.0         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       77.2       2770       56.4       200       41.8       2.0         ve Hawaiian/Other Pacific Islander       265       54.0       7.0       56.4       200       41.8       2.0       6       75.0       6       75.0       6       70.0       <	Image: Network in the interval of the intenvirthe interval of the interval of the interval of t	interfer       131       406       143       30.4       299       63.6       198       42.1       98       209       4         elethnicity       1       61.1       61.9       17       81.0       11       52.4       12       57.1         endmatch       11       61.1       61.1       61.3       33.3       13       72.2       11       61.1       6       33.3         anic/Latino <sup>C</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       20         anic/Latino <sup>C</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       42.0         anic/Latino <sup>C</sup> 283       54.8       200       7       87.5       68.5       43.3       200       6       43.1       67.0       47.1       352       73.3       281       87.5       29.6       67.0       47.1       352       73.3       281       87.7       200       6       70.0       47.1       350       24.5       30.4       200       6       70.0       47.1       351.0       47.2       200       6	40-49	237	54.4	172	39.4	319	73.2	233	53.4	152	34.9	436	
e/ethnicity $e/ethnicity$ $e/ethnicity$ $15$ $714$ $13$ $61.9$ $17$ $81.0$ $11$ $52.4$ $12$ $57.1$ and $11$ $61.1$ $6$ $33.3$ $13$ $72.2$ $11$ $61.1$ $6$ $33.3$ $33.3$ $37.5$ $35.4$ $1.0$ anic/Latino <sup>c</sup> $283$ $59.1$ $224$ $46.8$ $370$ $77.2$ $270$ $56.4$ $200$ $41.8$ $2.2$ $4.7$ $2.7$ $270$ $56.4$ $200$ $41.8$ $2.2$ $4.7$ $375$ $35.4$ $1.0$ anic/Latino <sup>c</sup> $287$ $54.8$ $226$ $47.1$ $352$ $772$ $270$ $56.4$ $200$ $41.8$ $2.00$ $41.8$ $2.00$ $64$ $75.0$ $64$ $75.0$ $64$ $75.0$ $64$ $75.0$ $64$ $75.0$ $64$ $75.0$ $64$ $75.0$ $64$ $72.0$ $64$ $72.0$ $64$ $72.0$ $64$ $72.0$ $64$ $72.0$ $64$ $72.0$	eleftnicity         eleftnicity         rican Indian/Alaska Native       15       71.4       13       61.9       17       81.0       11       61.1       6       33.3         anican Indian/Alaska Native       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3         anic/Latino <sup>c</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2         Adhrican American       646       61.0       445       42.0       77.2       270       56.4       200       41.8       2         anic/Latino <sup>c</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       45.0       7       87.5       4       50.0       6       75.0       41.8       2         ve Hawaiian/Other Pacific Islander       265       54.0       7       370       77.2       277       59.8       187       39.0       4       6       7       7       8       7       35.3	e/ethnicity         e/ethnicity         e/ethnicity       15       71.4       13       61.9       17       81.0       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3       14       9       375       35.4       10         anic/Latino <sup>o</sup> 283       59.1       22.4       46.8       370       77.2       270       56.4       200       41.8       2       200       41.8       2       26       56.0       45.4       35.0       63.7       47.0       56.4       200       41.8       2       26       65.0       45.0       75.0       56.4       200       41.8       2       45.0       56.0       66       75.0       56.4       200       41.8       75.0       56.4       42.0       75.0       56.4       42.0	≥50	191	40.6	143	30.4	299	63.6	198	42.1	86	20.9	470	
arican India/Maska Native1571.41361.91781.01152.41257.1an1161.1633.31372.21161.1633.3an64661.044542.072568.543340.937535.41,0anic/Latino <sup>c</sup> 28359.122446.837077.227056.420041.8 $^2$ anic/Latino <sup>c</sup> 28359.122446.837077.227056.420041.8 $^2$ anic/Latino <sup>c</sup> 28359.122446.837077.227056.420041.8 $^2$ anic/Latino <sup>c</sup> 26354.822647.135273.328740.937535.41,0tie26556.0452647.135273.328759.04242.0tie26556.04545.083.05151.04242.072tie26.566.045.87,0383.05151.04242.0tie5,75857.04,65945.87,03869.74,66946.43,65336.210,tie27.567.645.87,03869.74,66946.43,65336.210,tie27.567.645.87,03869.74,66946.43,65336.210,	arrican Indian/Alaska Native       15       714       13       61.9       17       81.0       11       52.4       12       57.1         an       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3         anic/Latino <sup>c</sup> 283       59.1       224       44.5       42.0       725       68.5       433       40.9       375       35.4       1,0         Adfrican American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1,0         Advition American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1,0         Advition American       263       59.1       224       46.8       370       77.2       270       56.4       200       41.8       200       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       75.0       6       76.0	rican Indian/Alaska Native 15 $71.4$ 13 $61.9$ 17 $81.0$ 11 $52.4$ 12 $57.1$ an $11$ $61.1$ $6$ 33.3 13 $72.2$ 11 $61.1$ $6$ 33.3 8/A frican American 646 $61.0$ $445$ $42.0$ $725$ $68.5$ $433$ $40.9$ $375$ $35.4$ $1.08/A frican American 283$ $59.1$ $224$ $46.8$ $370$ $77.2$ $270$ $56.4$ $200$ $41.8anic/Latino6$ $283$ $59.1$ $224$ $46.8$ $370$ $77.2$ $270$ $56.4$ $200$ $41.8anic/Latino6$ $56.4$ $50.0$ $7$ $87.5$ $4$ $50.0$ $7$ $87.5$ $4$ $50.0$ $56.4$ $200$ $41.8anic/Latino6$ $56.4$ $50.0$ $6$ $75.0anic/Latino6$ $56.0$ $45.$ $47.1$ $352$ $73.3$ $287$ $59.8$ $187$ $39.0$ $4anic/Latino6$ $56.0$ $4.6$ $56.0$ $4.7$ $32.6$ $4.7$ $32.2$ $73.3$ $2.87$ $59.8$ $187$ $39.0$ $4anic/Latino6$ $56.0$ $4.6$ $56.0$ $4.6$ $56.0$ $4.7$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32.8$ $32.6$ $32$	Race/ethnicity									}			
an       11 $61.1$ $6$ $33.3$ $13$ $72.2$ $11$ $61.1$ $6$ $33.3$ KAfrican American $646$ $61.0$ $445$ $42.0$ $726$ $68.5$ $433$ $40.9$ $375$ $55.4$ $1.0$ And fictan American $646$ $61.0$ $445$ $42.0$ $726$ $68.5$ $433$ $40.9$ $375$ $55.4$ $1.0$ Annoticlatino <sup>C</sup> $283$ $59.1$ $224$ $46.8$ $370$ $77.2$ $270$ $56.4$ $200$ $41.8$ $20$ ve Hawaiian/Other Pacific Islander $7$ $87.5$ $4$ $50.0$ $7$ $87.5$ $4$ $50.0$ $6$ $72.0$ $71.2$ $270$ $56.4$ $200$ $41.8$ $20$ ve Hawaiian/Other Pacific Islander $7$ $87.5$ $4$ $50.0$ $6$ $72.0$ $71.2$ $200$ $61.7$ $70.0$ $51.4$ $10.7$ ve Ide races $56.0$ $56.0$ $65.4$ $50.6$ $66.7$ $20.6$ $61.2$	and       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3         K/African American $646$ $61.0$ $445$ $42.0$ $725$ $68.5$ $433$ $40.9$ $375$ $35.4$ $1,0$ anic/Latino <sup>6</sup> $283$ $59.1$ $224$ $46.8$ $370$ $77.2$ $270$ $56.4$ $200$ $41.8$ $2$ ve Hawaiian/Other Pacific Islander       7 $87.5$ $68.5$ $433$ $40.9$ $375$ $35.4$ $1,0$ ve Hawaiian/Other Pacific Islander       7 $87.5$ $4$ $50.0$ $7$ $87.5$ $4$ $50.0$ $4$ $50.0$ $6$ $75.0$ $4$ $50.0$ $6$ $75.0$ $6$ $7$ $200$ $41.8$ $2$ $2$ $2$ $6$ $7$ $2$ $2$ $4$ $5$ $6$ $6$ $7$ $2$ $8$ $2$ $2$ $2$ $6$ $7$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$ $2$	Indext       11       61.1       6       33.3       13       72.2       11       61.1       6       33.3         KMfrican American $646$ $61.0$ $445$ $42.0$ $725$ $68.5$ $433$ $40.9$ $375$ $35.4$ $1,0$ antic/Latino <sup>c</sup> $283$ $59.1$ $224$ $46.8$ $370$ $772$ $270$ $56.4$ $200$ $41.8$ $6$ $33.3$ we Hawaiian/Other Pacific Islander       7 $87.5$ $4$ $50.0$ $7$ $87.5$ $4$ $50.0$ $6$ $75.0$ $64$ $76.0$ $64$ $76.0$ $64$	American Indian/Alaska Native	15	71.4	13	61.9	17	81.0	11	52.4	12	57.1	21	
K/African American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1.0         anic/Latino <sup>6</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8 $^{-1}$ anic/Latino <sup>6</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8 $^{-1}$ ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       75.0         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       6       75.0       4       6       7       4       6       7       4       6       7       4       6       7       4       6       7       4       6       7       4       6       7       4       6       7       4       6       7       6       7       6       7       6       7       7       8       4       6       7       7       8       6       4       6       7       6       7       6 <td< td=""><td>K/African American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1,0         anic/Latino<sup>6</sup>       283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       7.0       64       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       7.50       41.8       2         te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0       4       4       50.0       6       7.50       42.0       42       42.0       4       4       50.0       6       7.50       42.0       42.0       42.0       42.0       42.0       42.0       40.0       54.4       30.4       10       40.4       56.5       40.4       50.0       6       7.0       56.8       42.0       42.0       42.0       42.0       4</td><td>K/African American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1,0         anic/Latino<sup>c</sup>       283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       75.0       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       75.0         ve Hawaiian/Other Pacific Islander       266       56.0       45.6       47.1       352       73.3       287       59.8       187       39.0       4       4       50.0       6       75.0       4       40.9       37.0       42       42.0       4       4       4       4       4       4       4       4       4       4       4       4       4       5       4       4       4       5       4       4       4       5       4       4       4       4       4       4       4       4       <td< td=""><td>Asian</td><td>11</td><td>61.1</td><td>9</td><td>33.3</td><td>13</td><td>72.2</td><td>11</td><td>61.1</td><td>9</td><td>33.3</td><td>18</td></td<></td></td<>	K/African American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1,0         anic/Latino <sup>6</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       7.0       64       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       7.50       41.8       2         te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0       4       4       50.0       6       7.50       42.0       42       42.0       4       4       50.0       6       7.50       42.0       42.0       42.0       42.0       42.0       42.0       40.0       54.4       30.4       10       40.4       56.5       40.4       50.0       6       7.0       56.8       42.0       42.0       42.0       42.0       4	K/African American       646       61.0       445       42.0       725       68.5       433       40.9       375       35.4       1,0         anic/Latino <sup>c</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       75.0       41.8       2         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       75.0         ve Hawaiian/Other Pacific Islander       266       56.0       45.6       47.1       352       73.3       287       59.8       187       39.0       4       4       50.0       6       75.0       4       40.9       37.0       42       42.0       4       4       4       4       4       4       4       4       4       4       4       4       4       5       4       4       4       5       4       4       4       5       4       4       4       4       4       4       4       4 <td< td=""><td>Asian</td><td>11</td><td>61.1</td><td>9</td><td>33.3</td><td>13</td><td>72.2</td><td>11</td><td>61.1</td><td>9</td><td>33.3</td><td>18</td></td<>	Asian	11	61.1	9	33.3	13	72.2	11	61.1	9	33.3	18	
anic/Latino <sup>6</sup> 283 59.1 224 46.8 370 77.2 270 56.4 200 41.8 ve Hawaiian/Other Pacific Islander 7 87.5 4 50.0 6 75.0 ve Hawaiian/Other Pacific Islander 7 87.5 4 50.0 7 77.2 270 56.4 200 41.8 ve Hawaiian/Other Pacific Islander 7 87.5 4 50.0 7 87.5 7.3 287 59.8 187 39.0 te	anic/Latino <sup>c</sup> 283 59.1 224 46.8 370 77.2 270 56.4 200 41.8 ve Hawaiian/Other Pacific Islander 7 87.5 4 50.0 6 75.0 ve Hawaiian/Other Pacific Islander 7 87.5 4 50.0 7 87.5 4 50.0 7 7 87.5 7 87.5 7 87.5 7 87.5 7 8 7 5 9 8 187 39.0 16 16 naces 56.0 45 56.0 45 45.0 83 83.0 51 51.0 42 42 42.0 16 16 NHBS HIV test result <sup>e</sup> 738 54.4 325 49.4 502 62.4 206 67.0 42 42.0 16 16 NHBS HIV test result <sup>e</sup> 738 57.0 4,626 45.8 7,038 69.7 4,669 36.8 36.3 36.3 36.3 10 412 and the ration: NHBS, National HIV Behavioral Surveillance. 57.758 57.0 4,626 45.8 7,038 69.7 4,669 46.4 3,653 36.2 10, 10 10 10 10 10 10 10 10 10 10 10 10 10	anic/Latino <sup>C</sup> 283       59.1       224       46.8       370       77.2       270       56.4       200       41.8         ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       7       87.5       4       50.0       6       75.0         ve Hawaiian/Other Pacific Islander       263       54.8       226       47.1       35.2       73.3       287       59.8       187       39.0         te       263       56.0       45       45.0       83       6.1       51.0       42       42.0         tiple races       56.0       45       35.2       73.3       287       59.8       187       39.0         tiple races       56.0       45       85.0       83.0       51       42       42.0         tiple races       57.5       51.0       46.4       502       62.4       206       36.3       30.4         tiple races       57.58       57.0       4,626       45.8       7,038       69.7       4,689       46.4       3,653       30.4         tiple races       57.08       57.0       4,589       69.7       4,689       46.4       36.2       30.4	Black/African American	646	61.0	445	42.0	725	68.5	433	40.9	375	35.4	1,059	
ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       6       75.0         te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0         te       263       56.0       45       45.0       83       83.0       51       51.0       42       42.0         tiple races       56.0       45       45.0       83       83.0       51       51.0       42       42.0         tiple races       5,758       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races         5,758       57.0       45.8       7,038       69.7       46.4       3,653       36.2       10.         tion: NHBS, National HIV Behavioral Surveillance.	ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       6       75.0         te       263       54.8       226       47.1       35.2       73.3       287       59.8       187       39.0         te       263       54.8       226       47.1       35.2       73.3       287       59.8       187       39.0         tiple races       56.0       45       45.0       83       83.0       51       42       42.0         tiple races       55.0       45.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races       5,758       57.0       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,         ration: NHBS, National HIV Behavioral Surveillance.         57.0       4,58       7,038       69.7       4,689       46.4       3,653       36.2       10,         ration: NHBS, National HIV Behavioral Surveillance.         7,038       69.7       4,689       46.4       3,653       36.2       10,	ve Hawaiian/Other Pacific Islander       7       87.5       4       50.0       6       75.0         te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0         te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0         tiple races       56.0       45       45.0       83       6.1       51.0       42       42.0         tiple races       56.0       45       325       40.4       502       62.4       296       36.8       245       30.4         tiple races       57.56       57.0       4,626       45.8       7,038       69.7       4,689       46.4       3,653       30.4         ration: NHBS, National HIV Behavioral Surveillance.       57.56       45.6       45.8       7,038       69.7       4,689       46.4       3,653       30.4         ration: where work or reported oral or anal sex with at least 1 male main partner in the 12 months before interview.       7,038       69.7       4,689       46.4       3,653       36.2       10,         ratio in the value or anal sex with at least 1 male main partner in the 12 months before interview.       7,	Hispanic/Latino <sup>c</sup>	283	59.1	224	46.8	370	77.2	270	56.4	200	41.8	479	
te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0         tiple races       56.0       45       45.0       83       83.0       51       51.0       42       42.0         lid NHS HIV test result <sup>®</sup> 438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         5,758       57.0       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10.         viation: NHSS, National HIV Behavioral Surveillance.	te       263       54.8       226       47.1       352       73.3       287       59.8       187       39.0         tiple races       56       6.0       45       45.0       83       83.0       51       51.0       42       42.0         tiple races       56.0       45       45.0       83       83.0       51       51.0       42       42.0         tiple races       53.8       54.4       325       40.4       502       62.4       296       36.8       245       30.4         s,758       57.0       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,          Mo reported oral or anal sex with at least 1 male main partner in the 12 months before interview.       4,689       46.4       3,653       36.2       10,	te       263       54.8       226       47.1       35.2       73.3       287       59.8       187       39.0         tiple races       56       6.0       45       45.0       83       6.1       51.0       42       42.0         tiple races       56.0       45       45.0       83       83.0       51       51.0       42       42.0         tiple races       57.5       54.4       325       40.4       502       62.4       296       36.8       245       30.4         strend:         taiton: NHBS, National HIV Behavioral Surveillance.         strend:       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,         taiton: NHBS, National HIV Behavioral Surveillance.         strend: and a least 1 male main partner in the 12 months before interview.         claints with a valid negative NHBS HIV test result.	Native Hawaiian/Other Pacific Islander	7	87.5	4	50.0	7	87.5	4	50.0	9	75.0	8	
iple races     56     56.0     45     45.0     83     83.0     51     51.0     42     42.0       Iid NHBS HIV test result <sup>e</sup> 438     54.4     325     40.4     502     62.4     296     36.8     245     30.4       5,758     57.0     4,626     45.8     7,038     69.7     4,689     46.4     3,653     36.2     10,	tiple races       56       56.0       45       45.0       83       61       51.0       42       42.0         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiples HIV test result <sup>e</sup> 5,758       57.0       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,                              3,653       36.2       10,                            36.2       46.4       3,653       36.2       10, <td colspans<="" td=""><td>tiple races       56       56.0       45       45.0       83       61       51.0       42       42.0         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,         tiple races with at least 1 male main partner in the 12 months before interview.</td><td>White</td><td>263</td><td>54.8</td><td>226</td><td>47.1</td><td>352</td><td>73.3</td><td>287</td><td>59.8</td><td>187</td><td>39.0</td><td>480</td></td>	<td>tiple races       56       56.0       45       45.0       83       61       51.0       42       42.0         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,         tiple races with at least 1 male main partner in the 12 months before interview.</td> <td>White</td> <td>263</td> <td>54.8</td> <td>226</td> <td>47.1</td> <td>352</td> <td>73.3</td> <td>287</td> <td>59.8</td> <td>187</td> <td>39.0</td> <td>480</td>	tiple races       56       56.0       45       45.0       83       61       51.0       42       42.0         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races         tiple races       438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         tiple races       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10,         tiple races with at least 1 male main partner in the 12 months before interview.	White	263	54.8	226	47.1	352	73.3	287	59.8	187	39.0	480
lid NHBS HIV test result <sup>®</sup> 438         54.4         325         40.4         502         62.4         296         36.8         245         30.4           5,758         57.0         4,626         45.8         7,038         69.7         4,689         46.4         3,653         36.2         10           iation: NHBS, National HIV Behavioral Surveillance.	Iid NHBS HIV test result <sup>e</sup> 438         54.4         325         40.4         502         62.4         296         36.8         245         30.4           iation: NHBS, National HIV Behavioral Surveillance.         5,758         57.0         4,626         45.8         7,038         69.7         4,689         46.4         3,653         36.2         10.           iation: NHBS, National HIV Behavioral Surveillance.          69.7         4,689         46.4         3,653         36.2         10.           cipants who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview.	Id NHBS HIV test result <sup>e</sup> 438       54.4       325       40.4       502       62.4       296       36.8       245       30.4         signa with test result         (ation: NHBS, National HIV Behavioral Surveillance.         ciation: NHBS, National HIV Behavioral Surveillance.         ciation: NHBS, National HIV Behavioral Surveillance.       4,626       45.8       7,038       69.7       4,689       46.4       3,653       36.2       10.         ciation: NHBS, National HIV Behavioral Surveillance.        4,689       46.4       3,653       36.2       10.         ciation: who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview.       4,689       46.4       3,653       36.2       10.	Multiple races	56	56.0	45	45.0	83	83.0	51	51.0	42	42.0	100	
5,758 57.0 4,626 45.8 7,038 69.7 4,689 46.4 3,653 36.2 idition: NHBS, National HIV Behavioral Surveillance.	5,758     57.0     4,626     45.8     7,038     69.7     4,689     46.4     3,653     36.2       iation: NHBS, National HIV Behavioral Surveillance.     iation reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview.     4,689     46.4     3,653     36.2	5,758     57.0     4,626     45.8     7,038     69.7     4,689     46.4     3,653     36.2       cipants who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview.     3,038     69.7     4,689     46.4     3,653     36.2	vo valid NHBS HIV test result <sup>e</sup>	438	54.4	325	40.4	502	62.4	296	36.8	245	30.4	805	
bbreviation: NHBS, National HIV Behavioral Surveillance.	Abbreviation: NHBS, National HIV Behavioral Surveillance. Participants who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview.	Abbreviation: NHBS, National HIV Behavioral Surveillance. <sup>1</sup> Participants who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview. Participants with a valid negative NHBS HIV test result.	[otal	5,758	57.0	4,626	45.8	7,038	69.7	4,689	46.4	3,653	36.2	10,104	
	Participants who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview.	Participants who reported oral or anal sex with at least 1 male main partner and at least 1 male casual partner in the 12 months before interview. Participants with a valid negative NHBS HIV test result.	Abbreviation: NHBS, National HIV Behavioral Surveillance.												

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<sup>e</sup> Participants who did not have a valid positive or negative NHBS HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS HIV test result. <sup>d</sup> Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing. No. 22

			Insertive <sup>a</sup> ana	nal sex only		Å	Receptive <sup>n</sup> aı	anal sex only	٨	Both insertive <sup>a</sup>	ertive <sup>a</sup> and	receptive <sup>b</sup>	anal sex	No anal s	No anal sex in the	
No.         %0.         %.         No.         %0.         %.         No.         %0.         %.         No.         %0.         %         No.         %0.         %         No.         %0.         %1.         %1.         %1.         %2.         %1.         %2.         %1.         %2.         %1.         %2.         %1.         %2.         %2.         %2.         %2.         %2.         %2.         %3.		To	tal <sup>c</sup>	Condo	nless <sup>e</sup>	Tot	al <sup>c</sup>	Condo	nless	Tot	tal <sup>c</sup>	Condo	mless <sup>g</sup>	past 3 m	onths <sup>c,d</sup>	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	Total No.
Production         Product	HIV-negative <sup>h</sup> Are et interview (w <sup>.</sup> )	1,913	28.1	1,257	18.5	1,177	17.3	725	10.6	1,863	27.4	1,430	21.0	1,853	27.2	6,811
325 $325$ $327$ <t< td=""><td>Age at Interview (yr) 18_24</td><td>770</td><td>22.0</td><td>150</td><td>12.4</td><td>268</td><td>22.1</td><td>150</td><td>10 G</td><td>405</td><td>33 F</td><td>310</td><td>75 G</td><td>757</td><td>010</td><td>1 210</td></t<>	Age at Interview (yr) 18_24	770	22.0	150	12.4	268	22.1	150	10 G	405	33 F	310	75 G	757	010	1 210
0.0000 $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.0000$ $0.00000$ $0.00000$ $0.00000$ $0.000000$ $0.000000000$ $0.00000000000000000000000000000000000$	10-24 25-29	472	5.22 77 d	306	17.8	333	10.3	107	114	204	31 Q	418	24.3	368	212 214	1 723
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	30-39	634	315	430	214	328	16.3	201	1011	569	28.3	447	20.5	481	23.9	2 013
Solution	40-40	208	32.1	203	219	125	13.5	80	8.6	193	20.8	149	161	311	33.5	977
Accole thruncing         2         3	≥50	232	24.7	168	17.9	123	13.1	75	0.0 0.0	147	15.7	106	11.3	436	46.5	938 938
American Indiar/Alaska Nathe         13         21         10         02         9         188         5         104         11         229         13         313         34         5         313         313         34         355         313         313         34         355         313         313         34         355         354         365         334         344         355         313         313         355         354         365         335         354         353         353         353         353         353         354         353         353         353         354         353         353         354         355         356         353         <	Race/ethnicity		l			1										
Asian         Signation         Si	American Indian/Alaska Native	13	27.1	10	20.8	6	18.8	ŝ	104	11	22.9	y	12.5	15	313	48
Biochristen Anerican         527         537         112         231         123         133	Asian	28	14 9	10	6.4	45	23.9	23	12.2	45	23.9	35	18.6	202	37.2	188
Higgs inclusion         523         270         331         171         183         53         274         735         533         733         733         733         733         733         733         733         733         733         733         733         733         733         733         233	Black/African American	542	35.1	316	20.4	231	14.9	125	1 <del>.</del>	365	23.6	246	15.0	406	26.3	1 546
Name         Handling         Total	Hispanic/l atino	523	27.0	345	17.8	331	17.1	189	- 80	626	324	474	24.5	453	23.4	1 934
With the mean of the set of the	Native Hawaiian/Other Pacific Islander	070	28.1	5 C	17.6	10	313	200	25.0	4	10 5	- -	0.4	σ	28.1	33
Willingle races $103$ $310$ $68$ $201$ $63$ $112$ $66$ $777$ $60$ $777$ $64$ $248$ $333$ HVpositive $172$ $68$ $231$ $112$ $66$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $60$ $777$ $20$ $210$	Mhite	685	25.5	495	18.4	482	17.0	332	19.4	715	26.6	500	1.0 20.3	803	20.0	2 686 2 686
HV-positive	Multiple races	105	31.0	68	20.1	83 83	18.6	385	11.2	86	25.4	60	17.7	84	24.8	339
Age at interview (y)         Age at i	HIV-nositive <sup>j</sup>	476	22.4	318	15.0	500	23.6	314	14.8	676	319	502	23.7	467	22.0	2 122
	Are at interview (vr)	2	ļ	2		0			2	5				2		Î
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	18–24	26	13.4	17	8.8	62	32.0	34	17.5	85	43.8	62	32.0	21	10.8	194
039         154         238         106         164         156         241         104         161         214         331         162         251         120         186         646           240         35         7         165         85         203         50         131         107         552         424           250         9         216         5         250         3         150         50         17         168         333         3         167         352         424           American Indian/Alaska Native         5         250         3         150         5         250         2         100         7         360         317         107         55         423           American Indian/Alaska Native         5         250         3         444         6         333         6         333         333         3         167         109         252         473           Anive Hawaiian/Other Pacific Islander         2         2         2         2         3         167         133         3         167         179         168         473           Native Hawaiian/Other Pacific Islander         2         2	25-29	88	24.5	68	17.0	66	24.8	89	15.8	141	35.3	92	23.5	- 10	15.3	400
0-49 $0-33$ $70$ $16.5$ $88$ $20.8$ $53$ $12.5$ $137$ $107$ $25.2$ $107$ $25.2$ $107$ $25.2$ $107$ $25.2$ $100$ $21.6$ $34.5$ $45.8$ RefereInforty $5$ $5.7$ $12.4$ $95$ $20.1$ $16.7$ $35.2$ $100$ $23.3$ $16.7$ $16.8$ $16.7$ $36.5$ $21.00$ $20.2$ $100$ $20.7$ $100$ $20.7$ $100$ $20.7$ $100$ $20.7$ $100$ $20.7$ $100$ $20.7$ $100$ $20.7$	30–39	154	23.8	106	16.4	156	24.1	104	16.1	214	33.1	162	25.1	120	18.6	646
Solution	40-49	66	23.3	21	16.5	88	20.8	ខ្លួន	12.5	130	30.7	<u>1</u>	25.2	107	25.2	424
Mace entricity         5         250         3         150         5         550         2         100         200	≥50U	66	21.6	/9	12.4	сĥ	20.7	00	13.1	106	23.1	2	16.8	158	34.5	458
American Indiar/Naska Native         5         25.0         3         15.0         5         25.0         3         15.0         5         25.0         3         16.7         35.0         2         10.0         20           Asian         Back/African American         1         5.6         1.3.7         5.6         1.3.7         1.3.3         2.6         3.3.3         3         16.7         3         16.7         1.0.0         2.7         10.0         2.7         10.0         2.7         10.0         2.7         10.0         2.7         10.0         2.7         10.0         2.8         4.7         10.0         2.8         1.0.0         2.8         2.8         3.1.2         7.12 <t< td=""><td>Kace/ethnicity</td><td>ı</td><td></td><td>¢</td><td></td><td>ı</td><td></td><td>¢</td><td></td><td>¢</td><td></td><td>ı</td><td></td><td>¢</td><td>0</td><td></td></t<>	Kace/ethnicity	ı		¢		ı		¢		¢		ı		¢	0	
Description         Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	American Indian/Alaska Native	<del>،</del> ת	25.0 5.6	<del>،</del> س	15.0 E.E	ഹം	25.0	2 9	10.0	დ ფ	40.0	- c	35.0 16.7	2 0	10.0	20
Homomonication with the main of the main	Asidii Black/African American	01/0	0.0 22.3	150	0.0 14 6	0 221	4.14 20.1	0 1	00.0 11 F	348	22.0 22.0	0.2R	23.1	508 800	20.0	1 020
Native Hawaiian/Other Pacific Islander $2$ 28.6 2 28.6 16.7 104 22.1 79 16.8 104 22.1 86 18.3 127 27.0 109 23.2 134 28.5 470 White a case the fawaiian/Other Pacific Islander $2$ 28.6 24.0 16.7 15.0 71 12 12.5 35 36.5 24 25.0 22 22.9 96 Nu valid WH test result <sup>k</sup> 188 24.1 100 12.8 117 15.0 71 9.1 230 29.5 158 20.3 24.3 31.2 773 779 779 779 779 779 779 779 779 779	Hispanic/Latino	242	20.5	65	13.7	133	28.1	2 88	18.6	151	31.9	120	25.4	6	19.5	473
White White $104$ $22.1$ $79$ $16.8$ $104$ $22.1$ $79$ $16.8$ $104$ $22.1$ $86$ $18.3$ $127$ $27.0$ $109$ $23.2$ $134$ $28.5$ $470$ White acces $23$ $24.0$ $16$ $16.7$ $16$ $16.7$ $16$ $16.7$ $12$ $12.5$ $35$ $36.5$ $24$ $25.0$ $22$ $22.9$ $96$ $179$ <b>No valid NHBS HIV test result</b> * $188$ $24.1$ $100$ $12.8$ $117$ $15.0$ $71$ $9.1$ $230$ $29.5$ $158$ $20.3$ $243$ $31.2$ $779$ $779$ <b>Total Lotal Number HIV Behavioral Surveillance.</b> $2,577$ $26.5$ $1,577$ $26.5$ $1,72$ $1,794$ $18.5$ $1,110$ $11.4$ $2,769$ $28.5$ $2,090$ $21.5$ $2,563$ $26.4$ $9,712$ $1.7$ heratricipant's most recent sex partner was male. Men whose most recent sex partner was female $(n=353)$ or unknown gender $(n=39)$ were excluded. Percentages may not add to 100 because of missing data. The participant's most recent sex partner was male and the participant's anus one or more times during the 3 months before interview. $1^{0}$ $1^{0}$ $10^{0}$ $1$	Native Hawaijan/Other Pacific Islander	5	28.6	5	28.6	5	28.6	3	14.3	-	14.3	-	14.3	5	28.6	2
Multiple races 23 24.0 16 16.7 16 16.7 12 12.5 35 36.5 24 25.0 22 22.9 96 No valid NHSS HIV test result <sup>k</sup> 188 24.1 100 12.8 117 15.0 71 9.1 230 29.5 158 20.3 243 31.2 779 $779$ Total 2.577 26.5 1,675 17.2 1,794 18.5 1,110 11.4 2,769 28.5 2,090 21.5 2,563 26.4 9,712 $779$ The participant's most recent sex partner was male. Men whose most recent sex partner one or more times during the 3 months before interview. The participant's most recent sex partner placed his penis in the participant's and the participant's most recent sex partner vas male and the participant placed his penis in the participant's and the fore times during the 3 months before interview. Includes partner was male and the participant reported neither insertive and sex, and no anal sex—are mutually exclusive.	White	104	22.1	79	16.8	104	22.1	86	18.3	127	27.0	109	23.2	134	28.5	470
No valid NHBS HIV test result <sup>*</sup> 188 24.1 100 12.8 117 15.0 71 9.1 230 29.5 158 20.3 24.3 31.2 779 Total 2.577 26.5 1,675 17.2 1,794 18.5 1,110 11.4 2,769 28.5 2,090 21.5 2,563 26.4 9,712 Abbreviation: NHBS, National HIV Behavioral Surveillance. Note: Outcomes are only reported for men whose most recent sex partner was female (n=353) or unknown gender (n=39) were excluded. Percentages may not add to 100 because of missing data. The participant's most recent sex partner was male. Men whose most recent sex partner one or more times during the 3 months before interview. The participant's most recent sex partner placed his penis in the anus of his sex partner one or more times during the 3 months before interview. The categories—insertive anal sex, receptive anal sex, and no anal sex—are mutually exclusive. The participant's most recent sex partner was male and the participant placed his penis in the participant's anus one or more times during the 3 months before interview. The categories—insertive anal sex, nord the participant reported neither insertive anal sex nor receptive anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not and sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not and sex who than sective anal sex nor teceptive anal sex more than 3 months before interview. Includes participants who had oral sex but not anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex but not and sex but not and sex more than 3 months before interview. Includes participants who had oral sex but not and sex but not and sex more than 3 months before interview.	Multiple races	23	24.0	16	16.7	16	16.7	12	12.5	35	36.5	24	25.0	22	22.9	96
Total         2,577         26.5         1,675         17.2         1,794         18.5         1,110         11.4         2,769         28.5         2,090         21.5         2,563         26.4         9,712           Abbreviation: NHBS, National HIV Behavioral Surveillance.         Note Outcomes are only reported for men whose most recent sex partner was female (n=353) or unknown gender (n=39) were excluded. Percentages may not add to 100 because of missing data.         8,712         7,794         18.5         7,110         11.4         2,769         28.5         2,090         21.5         2,563         26.4         9,712           Note Outcomes are only reported for men whose most recent sex partner was female (n=353) or unknown gender (n=353) or unknown gender (n=339) were excluded. Percentages may not add to 100 because of missing data.         December of the participant's most recent sex partner was male and the participant placed his penis in the anus of his sex partner one or more times during the 3 months before interview.         20,000         21.5         2,563         26.4         9,712 <sup>D</sup> The participant's most recent sex partner was male and the participant's must when and sex, and no anal sex and on anal sex and on anal sex and and sex and sex and sex and sex and receptive anal sex, and no anal sex and no anal sex and no anal sex and no anal sex and the nost recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex but not and sex but not and sex and the most recent sex partner during the 3 months before interview. Includes parti	No valid NHBS HIV test result <sup>k</sup>	188	24.1	100	12.8	117	15.0	71	9.1	230	29.5	158	20.3	243	31.2	617
Abbreviation: NHBS, National HIV Behavioral Surveillance. Note Outcomes are only reported for men whose most recent sex partner was female (n=353) or unknown gender (n=39) were excluded. Percentages may not add to 100 because of missing data. Note Outcomes are only reported for men whose most recent sex partner was female (n=353) or unknown gender (n=39) were excluded. Percentages may not add to 100 because of missing data. The participant's most recent sex partner was male and the participant placed his penis in the anus of his sex partner one or more times during the 3 months before interview. The participant's most recent sex partner was male and the sex partner placed his penis in the participant's anus one or more times during the 3 months before interview. The categories—insertive anal sex, receptive anal sex, and no anal sex—are mutually exclusive. The participant's most recent sex partner was male and the participant reported neither insertive anal sex, and no anal sex more the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex more than 3 months before interview. Includes participants who had oral sex but not anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview.	Total	2,577	26.5	1,675	17.2	1,794	18.5	1,110	11.4	2,769	28.5	2,090	21.5	2,563	26.4	9,712
Note. Outcomes are only reported for men whose most recent sex partner was male. Men whose most recent sex partner was male (n=353) or unknown gender (n=39) were excluded. Percentages may not add to 100 because or missing data. <sup>a</sup> The participant's most recent sex partner was male and the participant placed his penis in the anus of his sex partner one or more times during the 3 months before interview. <sup>b</sup> The participant's most recent sex partner was male and the sex partner placed his penis in the participant's most recent sex partner was male and the sex partner placed his penis in the participant's most recent sex partner was male and the sex partner placed his penis in the participant's anus one or more times during the 3 months before interview. <sup>c</sup> The categories—insertive anal sex, neceptive anal sex, and no anal sex—are mutually exclusive. <sup>d</sup> The participant's most recent sex partner was male and the participant reported neither insertive anal sex, months before interview. <sup>d</sup> The participant's most recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex months before interview.	Abbreviation: NHBS, National HIV Behavioral Sui	rveillance.		:												
The participants most recent sex partner was male and the participant paced his penis in the articipant's anus one or more times during the 3 months before interview. The participant's most recent sex partner was male and the sex partner placed his penis in the participant's anus one or more times during the 3 months before interview. The categories—insertive anal sex, receptive anal sex, both insertive and receptive anal sex, and no anal sex—are mutually exclusive. The participant's most recent sex partner was male and the participant reported neither insertive anal sex, and no anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the next recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the next recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex more than 3 months before interview.	Note. Uutcomes are only reported for men whose	most recent s	ex partner wa	as male. Men	whose most	recent sex pa	rtner was ten	nale (n=353)	or unknown	gender (n=39	) were exclu	ided. Percenta	iges may no	t add to 100 b	ecause of m	issing data.
The participants must recent sex partner was marked and neceptive and receptive and sex—are mutually exclusive. The categories—insertive and sex, receptive and sex, both insertive and receptive and sex, and no anal sex—are mutually exclusive. The participant's most recent sex partner was male and the participant reported neither insertive anal sex nor receptive and sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview and those who last had sex more than 3 months before interview.	<sup>b</sup> The participant's most recent sex particle was r	male and the p	aruciparit pia. ev nartner nla		in the antici	ir riis sex part.	mer one or mi	ore urnes aur mas durina #	ing me a mo	hafora intervi	lierview.					
The categories—insertive anal sex, receptive anal sex, both insertive and receptive anal sex, and no anal sex—are mutually exclusive. The participants most recent sex partner was male and the participant reported neither insertive anal sex nor receptive anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview.					יווו נווכי למורוכי	י המווז א מוומא ר										
<sup>1</sup> The participant's most recent sex partner was male and the participant reported neither insertive anal sex nor receptive anal sex with the sex partner during the 3 months before interview. Includes participants who had oral sex but not anal sex with the most recent sex partner during the 3 months before interview and those who last had sex more than 3 months before interview.	I he categories—insertive anal sex, receptive a	anal sex, both i	Insertive and I	receptive ana	sex, and no	anal sexar	e mutually ex	clusive.								
	The participant's most recent sex partner was r	male and the p	narticipant rep	these who les	insertive ana	l sex nor rece	ptive anal se	x with the se	c partner dur.	ing the 3 mon	ths before ir	nterview. Inclu	des participa	ants who had	oral sex but ı	not anal sex

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before interview. <sup>h</sup> Participants with a valid negative NHBS HIV test result.

Hispanics/Latinos can be of any race.

<sup>j</sup> Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing. <sup>k</sup> Participants who did not have a valid positive or negative NHBS HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS HIV test result.

<sup>9</sup> The participant did not use a condom during one or more of the times he had insertive anal sex or did not use a condom during one or more of the times he had receptive anal sex with the most recent sex partner during the 3 months

<sup>f</sup> The participant did not use a condom during one or more of the times he had receptive anal sex with the most recent sex partner during the 3 months before interview.

Table 8a. Receipt of HIV prevention in the 12 months before interview among men who have sex with men-National HIV Behavioral Surveillance, 23 U.S.

	Free col	Free condoms <sup>a</sup>	Individual- or group-level intervention <sup>b</sup>	r group-level intion <sup>b</sup>	PrEP aw	PrEP awareness <sup>c</sup>	PrEP	PrEP use <sup>d</sup>	
1	No.	%	No.	%	No.	%	No.	%	Total No.
HIV-negative <sup>e</sup>	4,952	69.5	2,000	28.1	6,044	84.8	1,782	25.0	7,125
Age at interview (yr)									
18-24	924	72.6	499	39.2	1,060	83.3	274	21.5	1,273
25–29	1,307	72.9	561	31.3	1,598	89.2	502	28.0	1,792
30–39	1,430	68.2	589	28.1	1,860	88.7	637	30.4	2,098
40-49	699	68.1	191	19.4	780	79.3	233	23.7	983
≥50	622	63.5	160	16.3	746	76.2	136	13.9	979
Race/ethnicity									
American Indian/Alaska Native	35	71.4	12	24.5	44	89.8	7	14.3	49
Asian	128	66.7	57	29.7	172	89.6	60	31.3	192
Black/African American	1.183	70.8	647	38.7	1.309	78.3	315	18.8	1.672
Hispanic/Latino <sup>f</sup>	1.426	71.2	588	29.4	1.616	80.7	425	21.2	2.002
Native Hawaiian/Other Pacific Islander	25	78.1	0	28.1	30	93.8	80	25.0	32
White	1.878	67.7	571	20.6	2.525	91.0	856	30.9	2.774
Multiple races	254	69.69	102	27.9	313	85.8	98	26.8	365
HIV-positive <sup>g</sup>	1.603	73.7	858	39.5	I	I	I	I	2.174
Ane at interview (vr)									
18–24	154	76.6	95	47.3	I	1	I	I	201
25-29	313	76.7	205	50.2	I	1	1	1	408
30-39	498	75.6	272	41.3	I	ł	I	ł	629
40-49	314	72.0	145	33.3	I	ł	ł	I	436
≥50	324	68.9	141	30.0	1	I	I	I	470
Race/ethnicity									
American Indian/Alaska Native	16	76.2	7	33.3	I	I	I	I	21
Asian	12	66.7	7	38.9	I	I	ł	ł	18
Black/African American	795	75.1	489	46.2	I	ł	I	I	1,059
Hispanic/Latino <sup>f</sup>	367	76.6	171	35.7	I	ł	I	I	479
Native Hawaiian/Other Pacific Islander	9	75.0	ო	37.5	I	ł	I	ł	8
White	323	67.3	133	27.7	I	ł	1	ł	480
Multiple races	77	77.0	44	44.0	1	1	I	I	100
No valid NHBS HIV test result <sup>h</sup>	518	64.3	247	30.7	I	ł	1	1	805
Total	7,073	70.0	3,105	30.7	6,044	59.8	1,782	17.6	10,104
Abbreviations: PrEP; preexposure prophylaxis; NHBS, National HIV Behavioral Surveillance.	BS, National HI	V Behavioral Surv	eillance.						
<sup>a</sup> Excludes condoms received from friends, relatives, or sex partners.	s, or sex partne	ers.							
b Individual-teach intervention defined as a one-on-one conversation with an outreach worker a connector or a prevention more a short work to reavent HIV. Groun-level intervention defined as a small-viruin	olitonor cono			:					

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previous HIV-positive test result but had a negative NHBS HIV test result.

<sup>h</sup> Participants who did not have a valid positive or negative NHBS HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, discordant rapid test results, or reported a

<sup>g</sup> Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing.

<sup>C</sup> 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.

<sup>d</sup> Took PrEP at any point during the 12 months before interview to reduce the risk of getting HIV.

<sup>e</sup> Participants with a valid negative NHBS HIV test result.

f Hispanics/Latinos can be of any race.

	Free co	ondoms <sup>a</sup>	Individual- or interve		PrEP aw	areness <sup>c</sup>	PrEP	o use <sup>d</sup>	
	No.	%	No.	%	No.	%	No.	%	Total No.
HIV-negative <sup>e</sup>									
City									
Atlanta, GA	224	68.3	86	26.2	285	86.9	71	21.6	328
Baltimore, MD	133	56.4	62	26.3	168	71.2	29	12.3	236
Boston, MA	212	64.2	57	17.3	308	93.3	111	33.6	330
Chicago, IL	204	69.2	83	28.1	255	86.4	104	35.3	295
Dallas, TX	293	72.2	99	24.4	340	83.7	74	18.2	406
Denver, CO	271	62.0	91	20.8	392	89.7	103	23.6	437
Detroit, MI	224	71.8	89	28.5	179	57.4	37	11.9	312
Houston, TX	257	69.3	104	28.0	310	83.6	67	18.1	371
Los Angeles, CA	331	80.9	106	25.9	390	95.4	124	30.3	409
Memphis, TN	114	63.3	90	50.0	121	67.2	32	17.8	180
Miami, FL	188	62.5	54	17.9	209	69.4	34	11.3	301
Nassau-Suffolk, NY	93	66.9	40	28.8	108	77.7	18	12.9	139
New Orleans, LA	202	74.3	83	30.5	248	91.2	75	27.6	272
New York City, NY	269	73.1	115	31.3	331	89.9	118	32.1	368
Newark, NJ	97	80.2	78	64.5	95	78.5	20	16.5	121
Philadelphia, PA	213	64.5	120	36.4	250	75.8	68	20.6	330
Portland, OR	212	66.0	60	18.7	286	89.1	81	25.2	321
San Diego, CA	296	70.0	171	40.4	386	91.3	140	33.1	423
San Francisco, CA	244	67.4	108	29.8	352	97.2	176	48.6	362
San Juan, PR	195	78.9	55	22.3	149	60.3	9	3.6	247
Seattle, WA	290	77.5	66	17.6	355	94.9	129	34.5	374
Virginia Beach, VA	147	63.4	80	34.5	214	92.2	34	14.7	232
Washington, DC	243	73.4	103	31.1	313	94.6	128	38.7	331
	240	10.4	100	01.1	010	04.0	120	00.7	001
HIV-positive <sup>†</sup>									
City	400			<u> </u>					101
Atlanta, GA	122	74.4	63	38.4					164
Baltimore, MD	89	64.5	48	34.8					138
Boston, MA	14	56.0	10	40.0					25
Chicago, IL	78	79.6	37	37.8					98
Dallas, TX	70	72.2	35	36.1					97
Denver, CO	44	73.3	26	43.3					60
Detroit, MI	121	76.6	68	43.0					158
Houston, TX	80	70.8	45	39.8					113
Los Angeles, CA	94	86.2	45	41.3					109
Memphis, TN	66	71.0	58	62.4					93
Miami, FL	69	74.2	20	21.5					93
Nassau-Suffolk, NY	6	54.5	0	0.0					11
New Orleans, LA	54	76.1	25	35.2					71
New York City, NY	67	80.7	41	49.4					83
Newark, NJ	32	80.0	35	87.5					40
Philadelphia, PA	135	69.2	74	37.9					195
Portland, OR	41	66.1	23	37.1					62
San Diego, CA	94	70.1	55	41.0					134
San Francisco, CA	59	70.2	20	23.8					84
San Juan, PR	23	79.3	8	27.6					29
Seattle, WA	68	77.3	24	27.3					88
Virginia Beach, VA	80	74.1	54	50.0					108
Washington, DC	97	80.2	44	36.4					121

# Table 8b. Receipt of HIV prevention in the 12 months before interview among men who have sex with men—National HIV Behavioral Surveillance, 23 U.S. cities, 2017

Abbreviations: PrEP; preexposure prophylaxis; NHBS, National HIV Behavioral Surveillance.

<sup>a</sup> Excludes condoms received from friends, relatives, or sex partners.

<sup>b</sup> Individual-level intervention defined as a one-on-one conversation with an outreach worker, a counselor, or a prevention program worker about ways to prevent HIV. Group-level intervention defined as a small-group discussion that is part of an organized session about ways to prevent HIV; excludes informal discussions with friends. Conversations that were part of obtaining an HIV test were excluded.

<sup>C</sup> 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.

 $^{
m d}$  Took PrEP at any point during the 12 months before interview to reduce the risk of getting HIV.

<sup>e</sup> Participants with a valid negative NHBS HIV test result.

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

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Table 9. Diag	

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		No.         No. <th></th> <th>Any bact</th> <th>erial STI<sup>a</sup></th> <th>Chlar</th> <th>nydia</th> <th>Gono</th> <th>rrhea</th> <th>Sypl</th> <th>hilis</th> <th>Genita</th> <th>ll warts</th> <th>Genital</th> <th>herpes</th> <th></th>		Any bact	erial STI <sup>a</sup>	Chlar	nydia	Gono	rrhea	Sypl	hilis	Genita	ll warts	Genital	herpes		
egetive interview (v)         (126)<	egative interview (v)         1,24         1,6         633         39         770         018         347         49         451         60         405         57           at interview (v)         26         20         114         100         733         135         70         61         61         60         405         57           at interview (v)         26         20         114         100         23         100         133         133         133         133         133         133         133         133         133         133         133         133         133         134         133         134         133         134         133         134         133         134         133         134         133         134         133         134         133         134         131         133         134         133         134         134         133         134         134         133         134         134         133         134         134         133         134         134         133         134         134         134         134         134         134         134         134         134         134         134	egetive         124         17.6         633         89         770         0.8         347         49         41         60         405         57           at interview (vf)         266         229         114         102         229         113         93         23         23         23         23         23         23         23         23         23         23         23         24         23         24         25         24         25         25         23         24         25         24         25         25         25         25         25         25         25         25         25         25         25         25         25         26         25         26         25         26         25         26         25         26         25         26         27         26         23         26		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	Total No.	
et interview (y)         et interview (y)<	Interview (y)         Intervie	Interview (y)         Intervie	HIV-negative <sup>b</sup>	1,254	17.6	633	8.9	270	10.8	347	4.9	431	6.0	405	5.7	7,125	
$M_{\rm cons}$	24 $26$ $219$ $114$ $30$ $124$ $326$ $219$ $114$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$ $25$ $32$	24 $256$ $20$ $14$ $20$ $13$ $356$ $20$ $14$ $21$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $24$ $22$ $24$ $24$ $22$ $24$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$ $22$ $24$	Age at interview (yr)														
23         396         221         208         116         209         139         117         61         64         65         65         64	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	23         30         21         20         15         24         15         24         15         24         15         24         35         45	18–24	266	20.9	114	9.0	173	13.6	70	5.5	31	2.4	32	2.5	1,273	
39 $(10)$ $(91)$ $(21)$ $(20)$ $(91)$ $(21)$ $(22)$ $(23)$ <td><math display="block"> \begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td>39         40         131         214         102         236         119         110         52         153         73         141         67           30         401         111         73         28         30         34         35         21         25         96         96         86         87           adminut/state         6         122         1         20         5         100         11         20         11         20         11         20         100         11         20         11         20         11         20         11         20         11         20         11         20         11         20         21&lt;</td> <td>25–29</td> <td>396</td> <td>22.1</td> <td>208</td> <td>11.6</td> <td>249</td> <td>13.9</td> <td>107</td> <td>6.0</td> <td>88</td> <td>4.9</td> <td>83</td> <td>4.6</td> <td>1,792</td>	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	39         40         131         214         102         236         119         110         52         153         73         141         67           30         401         111         73         28         30         34         35         21         25         96         96         86         87           adminut/state         6         122         1         20         5         100         11         20         11         20         11         20         100         11         20         11         20         11         20         11         20         11         20         11         20         11         20         21<	25–29	396	22.1	208	11.6	249	13.9	107	6.0	88	4.9	83	4.6	1,792	
49         171         7.3         86         69         64         65         37         63         64         65         65         64         65         65         64         65         65         64         65         65         64         65         65         64         65         65         64         65         65         71         73         23         71         73         23         71         23         71         23         71         23         64         64         65         63         64         65         65         65         65         73         23         71         71         73	49         121         123         69         64         65         36         37         65         64         64         65         87           of thirdly           T1         7.3         29         30         37         55         24         25         64         64         65         87           of thirdly         7         7.3         27         120         7         111         13         66         64         64         65         39           of thirdly         273         121         12         21         23         117         24         23         24         24<	40         121         123         68         64         65         36         37         65         64         64         64         65         87           extenticity $zethnicky$	30–39	400	19.1	214	10.2	250	11.9	110	5.2	153	7.3	141	6.7	2,098	
Image: constraint of the state of	Image: constraint of the state of	1         71         73         29         30         34         35         24         25         96         98         87           Order Micro         Marcino         71         73         29         30         34         35         24         25         96         98         85         87           Order Micro         Marcino         23         166         122         7         21         23         141         23         63         44         73         20         0.04           Micro         Marcino         332         166         175         117         20         93         96         109         54         90         17         20         14         33           Micro         Marcina         332         166         175         41         112         43         113         12         33         13         14         23         13         14         38           Micro         333         66         175         41         112         43         113         12         33         13         13         13         13         13         13         13         13         14         38<	4049	121	12.3	68	6.9	64	6.5	36	3.7	63	6.4	64	6.5	983	
elementy           elementy           elementy           elementy           arcm indent/laska hative           elementy           arcm indent/laska hative           art interview (yr)         22         6         13         13         23         13         24         13           art interview (yr)         22         25         24         13           art interview (yr)         7         22         23         31         13          26 <th col<="" td=""><td>eleminicity           eleminicity           eleminicity           area indiariAsiste Native         6         12         1         20           area indiariAsiste Native         6         12         141         27         141         27         141         27         141         27         141         27         21         11         20         11         20         11         20         11         20         11         20         11         20         11         20         11         20         21</td><td>elemencly           elemencly           elemencly           elemencly           area in diartificated in the factor of the</td><td>≥50</td><td>71</td><td>7.3</td><td>29</td><td>3.0</td><td>34</td><td>3.5</td><td>24</td><td>2.5</td><td>96</td><td>9.8</td><td>85</td><td>8.7</td><td>679</td></th>	<td>eleminicity           eleminicity           eleminicity           area indiariAsiste Native         6         12         1         20           area indiariAsiste Native         6         12         141         27         141         27         141         27         141         27         141         27         21         11         20         11         20         11         20         11         20         11         20         11         20         11         20         11         20         21</td> <td>elemencly           elemencly           elemencly           elemencly           area in diartificated in the factor of the</td> <td>≥50</td> <td>71</td> <td>7.3</td> <td>29</td> <td>3.0</td> <td>34</td> <td>3.5</td> <td>24</td> <td>2.5</td> <td>96</td> <td>9.8</td> <td>85</td> <td>8.7</td> <td>679</td>	eleminicity           eleminicity           eleminicity           area indiariAsiste Native         6         12         1         20           area indiariAsiste Native         6         12         141         27         141         27         141         27         141         27         141         27         21         11         20         11         20         11         20         11         20         11         20         11         20         11         20         11         20         21	elemencly           elemencly           elemencly           elemencly           area in diartificated in the factor of the	≥50	71	7.3	29	3.0	34	3.5	24	2.5	96	9.8	85	8.7	679
Dictain Indiar/Alaska Native         6         122         1         20         5         102         0         0         1         20         1         20           Schliftian American Achilican American         279         166         123         141         127         141         127         16         13         32         16         13         32         16         139         54         57         66         33           Schliftian American Achilican American         279         166         139         73         54         13         34         54         27         66         33           Re Hawaiin/Other Pacific Islander         510         184         112         112         133         254         131         24         117         206         95           Re Hawaiian/Other Pacific Islander         560         255         108         135         224         131         23         14         33           Bigle races         107         262         260         235         33         135         53         131         21         23         147         33           Solutive         9         107         262         263         11	Dictain Indiari/Maske Native         6         12.2         1         2.0         1         2.0         1         2.0           SAMFran Indiari/Maske Native         4         2.2         1         2.1         1.1         2.0         1         2.0           SAMFran American         2.9         16.7         7.8         7.4         2.5         1.4         2.6         1.9         2.7         66         1.3         2.7         66         3.3         2.4         2.7         66         3.3           we Housiain/Other Pacific Islander         3         2.4         1.2         2.1         1.1         4.2         2.8         3.9         4.4         2.5         2.5         4.4         2.8         2.4         1.1         2.6         1.4         3.8           we Housiain/Other Pacific Islander         56         2.6         2.3         1.17         4.1         1.2         2.1		Race/ethnicity														
m         43         2.4         2.7         141         27         141         13         6.8         14         7.3         20         10.4           Moldand         and attricen         323         16.7         128         7.7         166         190         5.4         9.6         2.7         9.6         33           word attricen         323         16.7         12.8         7.7         166         190         5.4         9.6         4.5         2.7         1         31         1         31         1         31	Minimum         43         22.4         27         14.1         27         14.1         23         6.8         14         7.3         20         10.4           anticlation <sup>C</sup> 372         16.6         193         7.9         133         14         7.3         20         10.4           anticlation <sup>C</sup> 372         16.6         193         7.9         133         13         24         27         26         33           anticlation <sup>C</sup> 372         16.6         193         7.3         31         24         21         7.3         26         21         33           ostime <sup>4</sup> 560         235         10.8         233         11.8         11.2         33         11.8         11.7         26         92         21         33           ostime <sup>4</sup> 565         26.0         235         10.8         233         13.5         244         11.7         206         14         33           at interview (y)         7         3         11.2         23         13         12.5         24         14         33           23         107         241         12.5         52         14         <	manufacture         13         2.4         2.7         141         2.7         141         13         6.8         14         2.3         0.0         0.04           Molecularity Methanian/Unter Pacific Islander         2.3         16.7         141         2.7         141         13         14         2.3         0.0         0.04           Molecularity anticlarity         3.3         16.7         17.5         6.9         7.7         168         0.0         5.3         0.4         17.3         2.2         0.0         0.04           Bigle races         6.4         17.5         4.1         112         4.3         118         12         3.3         16         4.9         2.1         3.1           Bigle races         6.4         17.5         4.1         112         4.3         118         12         3.3         13         2.4         17         2.06         14         3.3           Bigle races         6.4         17.5         4.1         12.3         109         15.5         5.3         13.1         2.3         13         2.3         2.3         13         2.3         2.3         2.3         13         2.3         2.3 <th2.3< th=""> <th2.3< td="" th<=""><td>American Indian/Alaska Native</td><td>9</td><td>12.2</td><td>-</td><td>2.0</td><td>5</td><td>10.2</td><td>0</td><td>0.0</td><td>-</td><td>2.0</td><td>-</td><td>2.0</td><td>49</td></th2.3<></th2.3<>	American Indian/Alaska Native	9	12.2	-	2.0	5	10.2	0	0.0	-	2.0	-	2.0	49	
			Asian	43	22.4	27	14.1	27	14.1	13	6.8	14	7.3	20	10.4	192	
$ \begin{array}{l lllllllllllllllllllllllllllllllllll$	aniclutative         332         16.6         159         7.9         133         5.4         9.0         4.5         9.2         4.6           to e Havaiian(Other Pacific Islander         5.0         1.6         1.7 <td><math display="block"> \begin{array}{l l l l l l l l l l l l l l l l l l l </math></td> <td>Black/African American</td> <td>279</td> <td>16.7</td> <td>128</td> <td>7.7</td> <td>168</td> <td>10.0</td> <td>89</td> <td>5.3</td> <td>45</td> <td>2.7</td> <td>99</td> <td>3.9</td> <td>1,672</td>	$ \begin{array}{l l l l l l l l l l l l l l l l l l l $	Black/African American	279	16.7	128	7.7	168	10.0	89	5.3	45	2.7	99	3.9	1,672	
we HavelianOchter Pacific Islander         8         25.0         4         12.5         2         6.3         3         9.4         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1         1         3.1 <td>we have inar/Other Pacific Islander         8         25.0         4         12.5         5         6         3         3         9.4         1         3.1         1         3.1           the fracess         64         17.5         41         11.2         3.5         11.7         11.7         12.5         11.7         12.5         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         206&lt;</td> <td>we have have intraction (blue Pacific Islander       8       2.50       4       1.25       2       6.3       1.7       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       <th< td=""><td>Hispanic/Latino<sup>c</sup></td><td>332</td><td>16.6</td><td>159</td><td>7.9</td><td>193</td><td>9.6</td><td>109</td><td>5.4</td><td>6</td><td>4.5</td><td>92</td><td>4.6</td><td>2,002</td></th<></td>	we have inar/Other Pacific Islander         8         25.0         4         12.5         5         6         3         3         9.4         1         3.1         1         3.1           the fracess         64         17.5         41         11.2         3.5         11.7         11.7         12.5         11.7         12.5         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         11.7         206         9.4         206<	we have have intraction (blue Pacific Islander       8       2.50       4       1.25       2       6.3       1.7       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1       1.1       3.1 <th< td=""><td>Hispanic/Latino<sup>c</sup></td><td>332</td><td>16.6</td><td>159</td><td>7.9</td><td>193</td><td>9.6</td><td>109</td><td>5.4</td><td>6</td><td>4.5</td><td>92</td><td>4.6</td><td>2,002</td></th<>	Hispanic/Latino <sup>c</sup>	332	16.6	159	7.9	193	9.6	109	5.4	6	4.5	92	4.6	2,002	
Including $510$ $184$ $286$ $97$ $325$ $117$ $117$ $42$ $200$ $94$ $211$ $76$ ositive <sup>d</sup> $64$ $17.5$ $41$ $112$ $33$ $118$ $12$ $33$ $11$ $200$ $94$ $211$ $76$ $attitiveriew (yr)$ $555$ $260$ $233$ $108$ $135$ $234$ $131$ $224$ $117$ $200$ $94$ $21$ $38$ $34$ $107$ $262$ $47$ $115$ $55$ $135$ $23$ $136$ $117$ $216$ $217$ $206$ $94$ $217$ $206$ $94$ $217$ $206$ $94$ $217$ $206$ $94$ $217$ $206$ $216$ $217$ $216$ $217$ $216$ $217$ $216$ $217$ $216$ $217$ $216$ $217$ $216$ $217$ $216$ $216$ $216$ $216$ $216$ $216$ <td>Include         510         18.4         286         9.7         325         117         117         4.2         260         9.4         211         7.6           ostitive<sup>d</sup>         565         26.0         235         10.8         11.8         12         33         18         4.9         14         38           ast interview (yr)         565         26.0         235         10.8         55         13.5         284         13.1         254         11.7         206         94         21         7.6           ast interview (yr)         70         28.2         4.1         11.2         4.3         16.5         10.5         15.6         17.7         21.6         94         4.7           30         10.7         2.4.5         11.1         5.5         13.5         5.3         13.0         27         5.6         17.7         206         95         17.7           30         10.7         2.4.5         11.3         5.5         5.3         11.7         206         17.7         206         97         16         17.3         15.5           30         10.7         2.4.7         11.2         5.7         2.5         13.1         <t< td=""><td>Increase         510         184         268         9.7         3.55         11.7         11.7         4.2         200         9.4         211         7.6           oblic races         64         17.5         41         11.2         43         11.8         12         33         18         4.9         11.7         206         9.5           at interview (yr)         739         393         39         19.4         52         53         13.7         284         11.7         206         9.4         211         7         26         9.4         7         35         84         40         21         38         40         233         135         284         131         284         117         206         95         7         35         84         40           233         207         262         0.7         11.2         133         127         26         131         27         26         36         36         56         36         56         56         36         56         56         56         36         56         56         56         56         56         56         56         56         56         56         56&lt;</td><td>Native Hawaiian/Other Pacific Islander</td><td>œ</td><td>25.0</td><td>4</td><td>12.5</td><td>2</td><td>6.3</td><td>ю</td><td>9.4</td><td>-</td><td>3.1</td><td>-</td><td>3.1</td><td>32</td></t<></td>	Include         510         18.4         286         9.7         325         117         117         4.2         260         9.4         211         7.6           ostitive <sup>d</sup> 565         26.0         235         10.8         11.8         12         33         18         4.9         14         38           ast interview (yr)         565         26.0         235         10.8         55         13.5         284         13.1         254         11.7         206         94         21         7.6           ast interview (yr)         70         28.2         4.1         11.2         4.3         16.5         10.5         15.6         17.7         21.6         94         4.7           30         10.7         2.4.5         11.1         5.5         13.5         5.3         13.0         27         5.6         17.7         206         95         17.7           30         10.7         2.4.5         11.3         5.5         5.3         11.7         206         17.7         206         97         16         17.3         15.5           30         10.7         2.4.7         11.2         5.7         2.5         13.1 <t< td=""><td>Increase         510         184         268         9.7         3.55         11.7         11.7         4.2         200         9.4         211         7.6           oblic races         64         17.5         41         11.2         43         11.8         12         33         18         4.9         11.7         206         9.5           at interview (yr)         739         393         39         19.4         52         53         13.7         284         11.7         206         9.4         211         7         26         9.4         7         35         84         40         21         38         40         233         135         284         131         284         117         206         95         7         35         84         40           233         207         262         0.7         11.2         133         127         26         131         27         26         36         36         56         36         56         56         36         56         56         56         36         56         56         56         56         56         56         56         56         56         56         56&lt;</td><td>Native Hawaiian/Other Pacific Islander</td><td>œ</td><td>25.0</td><td>4</td><td>12.5</td><td>2</td><td>6.3</td><td>ю</td><td>9.4</td><td>-</td><td>3.1</td><td>-</td><td>3.1</td><td>32</td></t<>	Increase         510         184         268         9.7         3.55         11.7         11.7         4.2         200         9.4         211         7.6           oblic races         64         17.5         41         11.2         43         11.8         12         33         18         4.9         11.7         206         9.5           at interview (yr)         739         393         39         19.4         52         53         13.7         284         11.7         206         9.4         211         7         26         9.4         7         35         84         40         21         38         40         233         135         284         131         284         117         206         95         7         35         84         40           233         207         262         0.7         11.2         133         127         26         131         27         26         36         36         56         36         56         56         36         56         56         56         36         56         56         56         56         56         56         56         56         56         56         56<	Native Hawaiian/Other Pacific Islander	œ	25.0	4	12.5	2	6.3	ю	9.4	-	3.1	-	3.1	32	
tiple races         64         17.5         41         11.2         43         11.8         12         33         18         4.9         14         38           ostitive <sup>4</sup> 565         26.0         235         10.8         293         13.5         284         13.1         254         11.7         206         9.5           24         107         36.3         30.3         39         19.4         55         53         13.6         54         11.7         206         9.5           24         107         24.5         41         94         52         53         13.6         7         35         61         7         35         155           29         107         24.5         41         94         55         53         41         87         90         191         73         155           30         107         24.5         41         94         55         50         13         53         53         53         53         53         53         53         53         53         53         53         53         53         53         53         53         53         55         53	tip bile races         64         17.5         41         11.2         43         11.8         12         33         18         4.9         14         38           ostitive <sup>d</sup> 565         26.0         235         10.8         293         13.5         284         13.1         264         11.7         206         95           24         7         79         33         39         19.4         55         33         13.6         27         35         8         4.0         14         38           24         7         79         33         39         19.4         52         25.9         34         16.9         7         35         8         4.0           39         107         24.5         41         12.3         109         15.5         53         41         87         56         76         76         73         15.5           30         1017         24.5         41         32         11.7         53         15.5         53         41         87         56         76         73         15.5           30         1013         73         15.7         53         16.7         16.5	tip lip races         64         17.5         41         11.2         43         11.8         12         3.3         18         49         14         38           certifier         certifier         565         2.60         2.35         10.8         293         13.5         2.84         13.1         2.84         11.7         206         9.5           24         107         2.85         2.60         2.35         10.8         2.33         13.5         2.84         13.1         2.84         11.7         206         9.5           24         107         2.85         3.0         13.4         52         2.39         13.5         5.44         13.1         2.84         13.1         2.84         13.7         2.66         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6         9.5         7.6	White	510	18.4	268	9.7	325	11.7	117	4.2	260	9.4	211	7.6	2,774	
ostitive <sup>1</sup> 565         260         235         108         233         135         284         131         254         117         206         355           at interview (y1)         1         79         393         39         194         55         135         53         130         27         66         19         7         355         135         53         130         27         66         19         7         355         155<	ostitive <sup>1</sup> 565         260         235         108         293         135         284         131         234         117         206         95           at interview (yr)         7         383         194         52         135         53         130         27         66         95         47           28         207         24.5         41         11.5         55         53         130         27         66         90         47           29         107         24.5         41         12.3         165         165         17         26         17         26         17         26         40           20         20.7         26.7         11.5         16         51         17         66         17         73         155           20         20.7         21.7         5.7         25         5.3         41         87         90         131         73         155           and chinding/ can inclustive         6         33.3         6.7         2.8         5.7         73         6.6         74         56         55           and clustive         33         2.7         5         2.7	ostime <sup>4</sup> 565         26.0         235         108         293         13.5         284         13.1         254         11.7         206         9.5           at interview (y)         7         9         9.3         13.5         13.5         13.5         13.5         13.7         265         13.5         53         13.5         53	Multiple races	64	17.5	41	11.2	43	11.8	12	3.3	18	4.9	14	3.8	365	
at interview (yr)       24       39.3       39       19.4       52       25.9       34       16.9       7       35.5       8       4.0         29       207       20.2       30.7       81       17.3       55       15.5       15.6       16.7       10.2       50       70       4.1       57       15.5       15.6       17.7       66       19.4       73       15.5         39       107       24.5       4.1       9.4       52       11.1       63       14.4       56       12.8       47         49       70       14.9       27       5.7       25       5.3       41       8.7       90       19.1       73       15.5         elethnicity       57       25       5.3       41       8.7       90       19.1       73       15.5         aniculation <sup>o</sup> 6       33.3       3       16.7       27       28       16.7       73       15.5       16.7       17       17       17       17       17       16.5       16.7       17       17       17       16.5       16.7       16.6       16.7       16.7       16.7       16.7       16.7       16.7	at interview (yr)       24       7       35       34       169       7       35       8       40         29       107       202       30.7       81       1.5       53       155       53       155       53       167       56       19       47       155         30       107       24.5       41       9.4       57       165       165       165       167       56       19       47         30       107       24.5       41       9.4       52       11.9       51       11.7       63       14.4       56       12.8       155       155       53       155       50       157       50       12.8       155       50       167       73       155       50       151       73       55       53       155       50       157       50       100       151       17       56       155       56       56       55       55       55       55       55       56       56       55       55       55       56       55       55       56       55       55       55       55       56       55       56       55       56       55       56	24       179       393       39       194       52       259       34       169       7       35       8       40         29       207       207       307       81       11.5       55       159       67       102       50       74         39       207       245       41       14.5       55       135       53       159       67       102       50       7       55         39       107       24.5       41       94       52       11.5       53       16.7       50       17.7       56       17.7       56       17.7       55       17.5       56       17.7       56       17.7       56       17.7       56       17.7       56       17.7       56       55       56       56       56       56       55       56       56       56       56       55       56       55       56       56       55       56       56       55       56       56       55       56       55       56       55       56       55       56       55       56       55       56       55       56       56       55       56       56       55	HIV-positive <sup>d</sup>	565	26.0	235	10.8	293	13.5	284	13.1	254	11.7	206	9.5	2,174	
24 2. 24 2. 25.9 34 16.9 7 3.5 8 4.0 2.7 6.6 19 4.7 3.5 8 4.0 2.7 6.6 19 4.7 3.5 8 4.0 2.7 6.6 19 4.7 3.5 8 1.0 2.7 6.6 19 4.7 3.5 8 4.0 107 2.6.2 30.7 24.5 13.5 5.5 13.5 5.3 13.0 2.7 6.6 19 4.7 3.5 8 10.0 19.1 17 6.5 11.7 6.5 11.7 6.5 14.4 5.6 12.8 10.0 19.1 17 6.5 12.8 14.4 5.6 12.8 10.0 19.1 17 6.5 13.3 3.3 3 16.7 10.2 5.5 5.3 14.4 5.6 12.8 15.9 16.5 11.1 17 6.5 11.1 17 6.5 11.1 17 6.5 11.1 17 6.5 11.1 15 10.9 15.1 11.7 6.5 13.3 15.1 11.7 6.5 13.3 15.7 10.0 19.1 11.1 15.5 10.0 19.1 11.1 15.5 10.0 19.1 11.1 15.5 11.1 1	24 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.		Age at interview (vr)														
29 107 262 47 115 55 135 53 130 27 66 19 47 13 49 15 117 63 159 67 102 56 76 102 164 102 103 165 159 165 159 167 102 56 156 159 165 159 167 102 56 156 164 104 105 155 105 159 167 102 103 155 105 156 159 167 102 103 155 105 156 159 167 102 103 155 105 151 17 10 117 105 109 150 191 73 155 105 116 113 100 101 112 105 109 159 167 102 56 128 113 155 100 101 112 110 112 105 110 105 115 109 159 167 11 156 103 113 167 112 106 111 15 109 159 167 112 105 113 103 133 155 157 18 163 163 163 163 163 163 163 163 163 163	29 107 26. 47 11.5 55 13.5 53 13.0 27 6.6 19 4.7 36 44 11.2 3 109 16.5 105 15.9 67 10.2 50 76 55 13.6 10 107 24.5 41 12.3 109 16.5 105 15.9 67 10.2 50 76 55 13.6 10 107 24.5 41 9.4 57 11.7 63 14.4 56 12.8 11.7 65 13.1 17 65 13.1 17 65 13.1 17 15 10.9 15.1 17 15 10.9 15.1 17 15 10.9 15.1 17 15 10.9 15.1 17 15 10.9 15.1 17 15 10.9 15.1 15 10.9 15 10.9 15.1 15 10.9 15.1 15 10.9 15.1 15 10.9 15.1 15 10.9 15.1 15 10.9 15.1 15 10.9 15.1 15 10.9 15.1 15 10.9 15 1	29 107 262 47 115 55 135 53 130 27 66 19 47 13 10 107 262 307 81 123 109 165 159 67 102 50 76 102 103 158 159 67 102 50 76 103 103 103 103 103 117 65 159 67 102 50 76 103 103 103 117 65 139 103 117 65 139 103 117 65 139 103 117 65 139 103 113 103 113 103 113 103 113 103 113 103 113 103 113 103 113 103 113 103 113 11	18-24	79	39.3	39	19.4	52	25.9	34	16.9	7	3.5	8	4.0	201	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	25–29	107	26.2	47	11.5	55	13.5	53	13.0	27	6.6	19	4.7	408	
49       107       24.5       41       9.4       52       11.9       51       11.7       63       14.4       56       12.8         elethnicity         elethnicity         elethnicity         elethnicity         elethnicity         elethnicity         elethnicity         elethnicity         elethnicity         aritican American         6       33.3       3       16.7       2       23.8       6       28.6       5       3       16.7       7       1       5       5       3       16.7       7       3       16.7       1       5       27.8       5       1       1       5	49       107       24.5       41       9.4       52       11.9       51       11.7       63       14.4       56       12.8         elethnicity       27       5.7       25       5.3       41       8.7       90       19.1       73       15.5         elethnicity       9       42.9       5       23.8       6       28.6       5       33       3       16.7       16       73       15.5       90       19.1       73       15.5         arican Indian/Alaska Native       9       42.9       5       23.8       6       28.6       5       33       3       16.7       16       17       16       73       15.5       7       8       16.7       1       1       56       58       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       55       56       56       58       55       55       56       56       56       56       55       55       55       56       56       55       55       56       56       56       56       56       56       56	49         107         24.5         41         94         52         11.9         51         11.7         63         144         56         12.8           elethnicity           reletincity           site         17.0         14.9         27         5.7         25         5.3         41         8.7         90         191         73         15.5           site         9         4.29         5         2.38         6         2.86         5         31.6         7         90         191         73         15.5           site         9         4.29         5         2.38         6         2.86         5         2.38         15.7         78         16.7         78         16.7         73         15.5         17.3         16.7         17.3         16.7         17.3         16.7         17.3         16.7         17.3         16.7         17.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16.3         16	30–39	202	30.7	81	12.3	109	16.5	105	15.9	67	10.2	50	7.6	659	
Image: Section Condition (Alaska Native 5       70       14.9       27       5.7       25       5.3       41       8.7       90       19.1       73       15.5         eleftnicity       eleftnicity       eleftnicity       2       23.8       6       28.6       5       23.8       6       95       96       1112       110       127       112       113       113       113       113       114       113       112       112       112       113       113       114			40-49	107	24.5	41	9.4	52	11.9	51	11.7	63	14.4	56	12.8	436	
(a) Ethnicity         cale/thnicity       cale/thnicity       cale/thnicity       cale/thnicity       cale/thnicity       cale/thnicity       cale/cale       cale/cale <thcale cale<="" th="">       cale/cale       cale/</thcale>	(elthicity         (elthicity         eleftnicity $=$ = $=$	(althricity         (althricity         (althricity         (althricity         (althricity         (althricity         erican Indian/Alaska Native       9       42.9       5       23.8       6       28.6       5       23.8       16.7       2       11.5       5       27.8       3       16.7       1       5.6       56       56       55       55       56       55       55       56       55       56       55       55       56       55       55       56       56       55       55       56       56       55       55       56       56       56       55       56	≥50	70	14.9	27	5.7	25	5.3	41	8.7	06	19.1	73	15.5	470	
arican Indian/Alaska Native       9       42.9       5       23.8       6       23.8       5       23.8       2       9.5       2       9.5       9.5       9.5       9.5       9.5       9.5       9.5       5.6       5.6       5.6       5.6       5.6       5.6       5.6       5.6       5.6       5.6       5.5       5.5       5.5       5.6<	erican Indian/Alaska Native       9       42.9       5       23.8       6       23.3       3       16.7       2       9.5       9.5       9.5       9.5       9.5       9.5       9.5       5.5       9.5       5.6       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.5       5.	erican Indiar/Alaska Native942.9523.8628.6523.829.55.5an $6$ 33.33 $16.7$ 2 $11.1$ $10.6$ $115$ $31.67$ $1$ $55$ $11.3$ $27.7$ $37.5$ $2$ $25.0$ $11.2$ $112$ $12.7$ $112$ $12.7$ $112$ $12.7$ $112$ $23.3$ $81$ $16.9$ $56$ $55$ $55$ $0$ $0.0$ teexamic/Latino <sup>6</sup> $133$ $27.7$ $53$ $11.0$ $73$ $15.2$ $61$ $12.7$ $112$ $12.7$ $112$ $23.3$ $81$ $16.9$ teet $12.7$ $12$ $13.3$ $27.7$ $53$ $11.0$ $73$ $15.2$ $61$ $17.0$ $15$ $16.0$ $10.0$ tete $133$ $27.7$ $53$ $11.0$ $73$ $15.2$ $61$ $17.2$ $112$ $13.2$ $12.1$ $12.7$ $112$ $12.7$ $112$ $12.7$ $112$ $12.7$ $12.2$ $12.1$ $12.2$ $12.1$ $12.2$ $12.1$ $12.2$ $12.1$ $12.2$ $12.1$ $12.2$ <	Race/ethnicity														
an the first of the formulation of the form of the fo	an the first of t	an the field matrices $6$ 33.3 3 16.7 2 11.1 5 27.8 3 16.7 1 5.6 33 5.5 and the field matrices 222 21.0 95 9.0 11.2 10.6 115 10.9 59 5.6 58 5.5 and the field matrices 150 31.3 6.2 12.9 75 15.7 78 16.3 6.2 12.9 54 11.3 the field matrices 36 36.0 16 16.0 0 3 37.5 2 25.0 1 1 12.5 0 0 0.0 the Hawaiian/Other Pacific Islander 5 6.2 7 0 0 0 0 17 17.0 15 15.0 110 10.0 16 the field matrices 36 36.0 16 16.0 20 20.0 17 17.0 15 15.0 10 10 10.0 10 the field matrices 11, 33 27.7 5 15.7 78 16.2 22.5 0 1 0 10 10.0 10 the races 36 36.0 16 16.0 20 20.0 17 17.0 15 15.0 10 10 10.0 16 races 1.33 19.1 19.1 923 9.1 1,13 17.0 15 15.0 10 10.0 10.0 the field matrix for the field matrix STI, excually transmitted infection; NHS. National HIV Behavioral Surveillance.	American Indian/Alaska Native	6	42.9	5	23.8	9	28.6	5	23.8	2	9.5	2	9.5	21	
X/African American 222 21.0 95 9.0 112 106 115 109 59 5.6 58 5.5 2.5 and file and merican 222 21.0 95 9.0 112 10.6 115 10.9 59 5.6 58 5.5 and latino <sup>c</sup> 150 31.3 62 12.9 75 15.7 78 16.3 62 12.9 54 11.3 ve Hawaiian/Other Pacific Islander 5 62.5 0 0.0 3 3.7.5 2 25.0 1 12.7 112 23.3 81 16.9 te 33 16.1 and the races 36 36.0 16 16.0 20 20.0 17 17.0 15 15.0 10 10.0 10.0 10.0 10.0 17 17.0 15 15.0 10 10.0 10.0 17 17.0 15 15.0 10 10.0 10.0 10.0 10.0 10.0 1	Sk/African American       222       21.0       95       9.0       112       10.6       115       10.9       59       5.6       58       5.5         Danic/Latino <sup>c</sup> 150       31.3       62       12.9       75       15.7       78       16.3       62       12.9       54       11.3         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       15.0       10       10.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       16.9         tiple races       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10.0       10.0         tiple races       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10.0       10.0         tiple races       13.1       9.1       9.1       1,136       1,12       16.9       10.0 <td>Sk/African American       222       21.0       95       9.0       112       10.6       115       10.9       59       5.6       58       5.5         Danic/Latino<sup>c</sup>       150       31.3       62       12.9       75       15.7       78       16.3       62       12.9       54       11.3         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       16.9         tiple races       36       36.0       16       16.0       20       17       17.0       15       15.0       10       10.0         tiple races       36       36.0       16       17.1       17.0       15       15.0       10       10.0         tiple races       13       19.1       923       9.1       1,136       14.6       7.4       63       7.4       653       6.5       5.2         diom: STI, sexually transmitted infection; NHBS, Mitional LIV Behavioral Surveillance.       1,136       1,12       1,136       1,13       6,1&lt;</td> <td>Asian</td> <td>9</td> <td>33.3</td> <td>ო</td> <td>16.7</td> <td>2</td> <td>11.1</td> <td>5</td> <td>27.8</td> <td>ო</td> <td>16.7</td> <td>-</td> <td>5.6</td> <td>18</td>	Sk/African American       222       21.0       95       9.0       112       10.6       115       10.9       59       5.6       58       5.5         Danic/Latino <sup>c</sup> 150       31.3       62       12.9       75       15.7       78       16.3       62       12.9       54       11.3         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       16.9         tiple races       36       36.0       16       16.0       20       17       17.0       15       15.0       10       10.0         tiple races       36       36.0       16       17.1       17.0       15       15.0       10       10.0         tiple races       13       19.1       923       9.1       1,136       14.6       7.4       63       7.4       653       6.5       5.2         diom: STI, sexually transmitted infection; NHBS, Mitional LIV Behavioral Surveillance.       1,136       1,12       1,136       1,13       6,1<	Asian	9	33.3	ო	16.7	2	11.1	5	27.8	ო	16.7	-	5.6	18	
Danic/Latino <sup>C</sup> 150       31.3       62       12.9       54       11.3         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       15.0       10       10.0         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       10       10.0         tiple races       112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2         tiple races       1,931       19.1       923       9.1       1,136       11.2       668       6.6       7.4       653       6.5       5.2         status       1,331       19.1       923       9.1       1,136       11.2       668       6.6       7.4       65	Danic/Latino <sup>C</sup> 150       31.3       62       12.9       75       15.7       78       16.3       62       12.9       54       11.3         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       10       10.0         tiple races       112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2         tiple races       19.1       923       9.1       1,136       11.2       668       6.6       7.4       67       7.6       7.0       7.0         file nection: NHBS. National HIV Behavioral Surveillance.       13.3       9.1       1,136       14.6       6.7       7.4       6.3       6.5       7.4       6.3       6.5       5.2         fistions STI, sexually transmited infection; NHBS. Nati	Danic/Latino <sup>C</sup> 150       31.3       62       12.9       75       15.7       78       16.3       62       12.9       54       11.3         ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0         tiple races       36       13.9       55       6.8       7.3       9.1       37       4.6       61       7.6       7.6       7.0       10       10.0         tiple races       13.1       923       9.1       1,136       11.2       668       6.6       7.4       6.3       6.5       5.2         fators: STI, sexually transmitted infection; NHBS, Mixional HIV	Black/African American	222	21.0	95	0.6	112	10.6	115	10.9	59	5.6	58	5.5	1,059	
ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       10.0       27       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       10       10.0         tiple races       112       13.9       55       6.8       7.3       9.1       37       4.6       61       7.6       42       5.2         tiple races       1.931       19.1       923       9.1       1,136       11.2       668       6.6       7.4       653       6.5       5.2         tiple races       31, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       11.3       1,136       11.2       668       6.6       7.4       653       6.5	ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       16.0       20       0.0       17       17.0       15       10       10.0         tiple races       112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2         id NHBS HIV test result <sup>e</sup> 112       19.1       923       9.1       1,136       11.2       668       6.6       7.4       653       6.5       5.2         actions: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       11.3       1,136       11.2       668       6.6       7.4       653       6.5         bacterial STI includes having received a diagnosis of gonormea, chlamydia, or syphilis in the 12 months before interview.       11.2       6.6       7.4       6.3       6.5       7.4       6.3       6.5       6.5       6.5       6.5       6.5       <	ve Hawaiian/Other Pacific Islander       5       62.5       0       0.0       3       37.5       2       25.0       1       12.5       0       0.0         te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       10.0       27       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0         tiple races       13.9       55       6.8       7.3       9.1       37       4.6       61       7.6       42       5.2         ations: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       9.1       1,136       11.2       668       6.6       7.4       653       6.5         bacterial STI includes having received a diagnosis of gonorrhea, chamydia, or syphilis in the 12 months before interview.       11.2       668       6.6       7.4       6.3       6.5       5.2         bacterial STI includes having received a diagnosis of gonorrhea, chamydi	Hispanic/Latino <sup>c</sup>	150	31.3	62	12.9	75	15.7	78	16.3	62	12.9	54	11.3	479	
te 12.7 13 27.7 53 11.0 73 15.2 61 12.7 112 23.3 81 16.9 liple races 36 36.0 16 16.0 20 20.0 17 17.0 15 15.0 10 10.0 lid NHBS HIV test result <sup>e</sup> 112 13.9 55 6.8 73 9.1 37 4.6 61 7.6 42 5.2 1,931 19.1 923 9.1 1,136 11.2 668 6.6 746 7.4 653 6.5 ations: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.	te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0         lid NHBS HIV test result <sup>e</sup> 112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2         ald oness STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       9.1       11.3       11.2       668       6.6       7.4       653       6.5       6.5         bacterial STI includes having received a diagnosis of gonormea, chamydia, or syphilis in the 12 months before interview.       11.2       668       6.6       7.4       653       6.5	te       133       27.7       53       11.0       73       15.2       61       12.7       112       23.3       81       16.9         liple races       36       36.0       16       16.0       20       17       17.0       15       15.0       10       10.0         lid NHBS HIV test result <sup>e</sup> 112       13.9       55       6.8       7.3       9.1       37       4.6       61       7.6       42       5.2         ations: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       9.1       1,136       11.2       668       6.6       7.4       653       6.5         bacterial STI includes having received a diagnosis of gonorrhea, chamydia, or syphilis in the 12 months before interview.       11.2       668       6.6       7.4       653       6.5         bacterial STI includes having received a diagnosis of gonorrhea, chamydia, or syphilis in the 12 months before interview.       11.2       6.6       7.4       6.3       6.5	Native Hawaiian/Other Pacific Islander	5	62.5	0	0.0	ო	37.5	2	25.0	-	12.5	0	0.0	80	
tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0         lid NHBS HIV test result <sup>e</sup> 112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2         iditions: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       9.1       11.2       668       6.6       7.4       653       6.5	tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0 <b>lid NHBS HIV test result</b> <sup>e</sup> 112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2 <i>idions:</i> STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       9.1 <b>11.2 668 6.6 7.4 653 6.5</b> bacterial STI includes having received a diagnosis of gonormea, chamydia, or syphilis in the 12 months before interview.       11.2 <b>668 6.6 7.4 6.3 6.5</b>	tiple races       36       36.0       16       16.0       20       20.0       17       17.0       15       15.0       10       10.0         lid NHBS HIV test result <sup>e</sup> 112       13.9       55       6.8       73       9.1       37       4.6       61       7.6       42       5.2         iations: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.       9.1       1,136       11.2       668       6.6       7.4       653       6.5         bacterial STI includes having received a diagnosis of gonorrhea, chamydia, or syphilis in the 12 months before interview.       11.2       668       6.6       7.4       653       6.5	White	133	27.7	53	11.0	73	15.2	61	12.7	112	23.3	81	16.9	480	
Ind NHBS HIV test result <sup>®</sup> 112         13.9         55         6.8         73         9.1         37         4.6         6.1         7.6         42         5.2           iteration: NHBS, National HIV Behavioral Surveillance.         9.1         1,136         11.2         668         6.6         7.4         653         6.5	Ind NHBS HIV test result <sup>®</sup> 112         13.9         55         6.8         73         9.1         37         4.6         6.1         7.6         42         5.2           iditions: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.         9.1         1,136         11.2         668         6.6         7.46         6.3         6.5           bacterial STI includes having received a diagnosis of gonormea, chamydia, or syphilis in the 12 months before interview.         11.2         668         6.6         7.4         6.3         6.5	Ind NHBS HIV test result <sup>®</sup> 112         13.9         55         6.8         73         9.1         37         4.6         6.1         7.6         42         5.2           intervention         1,931         19.1         923         9.1         1,136         11.2         668         6.6         7.46         67.4         6.5         5.2           intervention: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.         9.1         1,136         11.2         668         6.6         7.46         7.4         6.5         6.5           bacterial STI includes having received a diagnosis of genorrhea, chlamydia, or syphilis in the 12 months before interview.         11.2         668         6.6         7.46         6.5	Multiple races	36	36.0	16	16.0	20	20.0	17	17.0	15	15.0	10	10.0	100	
1,931         19.1         923         9.1         1,136         11.2         668         6.6         7.4         653         6.5           iditions: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.	1,931     19.1     923     9.1     1,136     11.2     668     6.6     7.4     653     6.5       iations: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.     bacterial STI includes having received a diagnosis of gonorrhea, chlamydia, or syphilis in the 12 months before interview.     11.2     668     6.6     7.4     653     6.5	1,931     19.1     923     9.1     1,136     11.2     668     6.6     7.4     653     6.5       iations: STI, sexually transmitted infection; NHBS, National HIV Behavioral Surveillance.     bacterial STI includes having received a diagnosis of gonorrhea, chlamydia, or syphilis in the 12 months before interview.     11.2     668     6.6     7.4     653     6.5	No valid NHBS HIV test result <sup>e</sup>	112	13.9	55	6.8	73	9.1	37	4.6	61	7.6	42	5.2	805	
•••	· ·	· ·	Total	1,931	19.1	923	9.1	1,136	11.2	668	6.6	746	7.4	653	6.5	10,104	
	-	-	Abbreviations: STI, sexually transmitted infection; N	NHBS, National HI	•••	urveillance.											

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

<sup>d</sup> Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing.

<sup>c</sup> Hispanics/Latinos can be of any race.

	Used	l drug
	No.	%
HIV-negative <sup>a</sup>		
Binge drinking (past 30 days) <sup>b</sup>	3,209	45.0
Any injection drugs	133	1.9
Any noninjection drugs (excludes binge drinking)	3,982	55.9
Cocaine	1,474	20.7
Crack	374	5.2
Downer <sup>c</sup>	486	6.8
Ecstasy	854	12.0
Heroin	77	1.1
Marijuana	3,485	48.9
Methamphetamine	421	5.9
Prescription opioids <sup>d</sup>	415	5.8
HIV-positive <sup>e</sup>		
Binge drinking (past 30 days) <sup>b</sup>	694	31.9
Any injection drugs	114	5.2
Any noninjection drugs (excludes binge drinking)	1,225	56.3
Cocaine	388	17.8
Crack	121	5.6
Downer <sup>c</sup>	124	5.7
Ecstasy	192	8.8
Heroin	24	1.1
Marijuana	1,046	48.1
Methamphetamine	267	12.3
Prescription opioids <sup>d</sup>	129	5.9
No valid NHBS HIV test result <sup>f</sup>		
Binge drinking (past 30 days) <sup>b</sup>	309	38.4
Any injection drugs	15	1.9
Any noninjection drugs (excludes binge drinking)	380	47.2
Cocaine	135	16.8
Crack	20	2.5
Downer <sup>c</sup>	43	5.3
Ecstasy	64	8.0
Heroin	2	0.2
Marijuana	344	42.7
Methamphetamine	44	5.5
Prescription opioids <sup>d</sup>	27	3.4

# Table 10.Drug use in the 12 months before interview and binge drinking in the 30<br/>days before interview among men who have sex with men—National HIV<br/>Behavioral Surveillance, 23 U.S. cities, 2017

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, National HIV Behavioral Surveillance.

*Note.* Denominator is the total number of participants in the category; HIV-negative participants: n = 7,125; HIV-positive participants: n = 2,174; participants without a valid NHBS HIV test result: n = 805. Responses are not mutually exclusive; percentages may not add to 100.

<sup>a</sup> Participants with a valid negative NHBS HIV test result.

<sup>b</sup> Defined as 5 or more drinks at one sitting during the 30 days before interview.

<sup>c</sup> Such as Klonopin, Valium, Ativan, or Xanax.

<sup>d</sup> Such as OxyContin, Vicodin, morphine, or Percocet.

<sup>e</sup> Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing.

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

	Number of male sex partners	Exchar	nge sex <sup>a</sup>	HIV-discorda	s sex with an ant partner at sex <sup>b</sup>	
	Median (Q1–Q3)	No.	%	No.	%	Total No
HIV-negative <sup>c</sup>	4 (2–10)	566	7.9	1,152	16.2	7,125
Age at interview (yr)						
18–24	4 (2–10)	122	9.6	212	16.7	1,273
25–29	5 (2–12)	131	7.3	297	16.6	1,792
30–39	5 (2–12)	149	7.1	334	15.9	2,098
40–49	4 (2–10)	79	8.0	173	17.6	983
≥50	3 (2–10)	85	8.7	136	13.9	979
Race/ethnicity						
American Indian/Alaska Native	3 (1–7)	3	6.1	11	22.4	49
Asian	4 (2–12)	9	4.7	21	10.9	192
Black/African American	3 (2–7)	194	11.6	279	16.7	1,672
Hispanic/Latino <sup>d</sup>	4 (2–10)	153	7.6	344	17.2	2,002
Native Hawaiian/Other Pacific Islander	5 (2.5–8.5)	3	9.4	6	18.8	32
White	5 (2–15)	159	5.7	418	15.1	2,774
Multiple races	4 (2–10)	42	11.5	69	18.9	365
HIV-positive <sup>e</sup>	4 (2–10)	324	14.9	555	25.5	2,174
Age at interview (yr)						
18–24	4 (2–7)	44	21.9	54	26.9	201
25–29	4 (2–10)	56	13.7	106	26.0	408
30–39	5 (2–12)	91	13.8	189	28.7	659
40–49	4.5 (2–12)	63	14.4	113	25.9	436
≥50	4 (2–10)	70	14.9	93	19.8	470
Race/ethnicity						
American Indian/Alaska Native	6 (3–12)	4	19.0	7	33.3	21
Asian	6 (3–20)	3	16.7	7	38.9	18
Black/African American	3 (2–7)	191	18.0	234	22.1	1,059
Hispanic/Latino <sup>d</sup>	5 (2–15)	57	11.9	138	28.8	479
Native Hawaiian/Other Pacific Islander	3.5 (2.5–5)	3	37.5	2	25.0	8
White	6 (2–20)	47	9.8	137	28.5	480
Multiple races	5 (2–12)	19	19.0	29	29.0	100
No valid NHBS HIV test result <sup>f</sup>	4 (2–10)	49	6.1	98	12.2	805
Total	4 (2–10)	939	9.3	1,805	17.9	10,104

Table 11. Additional outcomes among men who have sex with men-National HIV Behavioral Surveillance, 23 U.S. cities, 2017

Abbreviations: Q, quartile; NHBS, National HIV Behavioral Surveillance.

Note. Unless otherwise stated, outcomes are reported for the 12 months before interview.

<sup>a</sup> "Exchange sex" refers to giving or receiving money or drugs from a male casual partner in exchange for sex.

<sup>b</sup> "Condomless sex" refers to whether the participant reported engaging in vaginal or anal sex without a condom during his most recent sexual encounter. "HIV-discordant partner" refers to a sex partner of different or unknown HIV status.

<sup>c</sup> Participants with a valid negative NHBS HIV test result.

<sup>d</sup> Hispanics/Latinos can be of any race.

<sup>e</sup> Participants with a reactive rapid NHBS 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 HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result, discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS HIV test result.

		Visite	ed health care	provider abo	out HIV				
	E	ver	Within a after dia		During pas	t 6 months	Currentl antiretr		_
	No.	%	No.	%	No.	%	No.	%	Total No.
Age at interview (yr)									
18–24	146	94.2	118	76.1	135	87.1	137	88.4	155
25–29	349	98.0	261	73.3	321	90.2	331	93.0	356
30–39	568	96.4	423	71.8	518	87.9	527	89.5	589
40–49	406	97.4	309	74.1	383	91.8	390	93.5	417
≥50	443	97.6	301	66.3	422	93.0	434	95.6	454
Race/ethnicity									
American Indian/Alaska Native	21	100	15	71.4	18	85.7	20	95.2	21
Asian	19	95.0	12	60.0	19	95.0	18	90.0	20
Black/African American	851	96.0	608	68.6	792	89.4	802	90.5	886
Hispanic/Latino <sup>a</sup>	411	96.3	314	73.5	379	88.8	399	93.4	427
Native Hawaiian/ Other Pacific Islander	7	100	5	71.4	7	100	6	85.7	7
White	499	98.6	382	75.5	467	92.3	476	94.1	506
Multiple races	96	100	70	72.9	89	92.7	90	93.8	96
City									
Atlanta, GA	131	92.9	103	73.0	123	87.2	123	87.2	141
Baltimore, MD	113	99.1	79	69.3	106	93.0	104	91.2	114
Boston, MA	29	96.7	18	60.0	27	90.0	29	96.7	30
Chicago, IL	109	95.6	75	65.8	101	88.6	108	94.7	114
Dallas, TX	84	98.8	61	71.8	75	88.2	76	89.4	85
Denver, CO	60	96.8	43	69.4	56	90.3	60	96.8	62
Detroit, MI	100	94.3	72	67.9	95	89.6	97	91.5	106
Houston, TX	88	95.7	71	77.2	81	88.0	81	88.0	92
Los Angeles, CA	90	98.9	58	63.7	82	90.1	82	90.1	91
Memphis, TN	86	95.6	61	67.8	80	88.9	78	86.7	90
Miami, FL	75	97.4	62	80.5	70	90.9	71	92.2	77
Nassau-Suffolk, NY	12	100	10	83.3	11	91.7	11	91.7	12
New Orleans, LA	70	98.6	53	74.6	63	88.7	67	94.4	71
New York City, NY	82	98.8	68	81.9	81	97.6	79	95.2	83
Newark, NJ	35	89.7	27	69.2	34	87.2	33	84.6	39
Philadelphia, PA	154	97.5	108	68.4	146	92.4	145	91.8	158
Portland, OR	66	98.5	56	83.6	64	95.5	66	98.5	67
San Diego, CA	128	97.0	90	68.2	120	90.9	123	93.2	132
San Francisco, CA	87	100	67	77.0	74	85.1	83	95.4	87
San Juan, PR	18	90.0	12	60.0	17	85.0	17	85.0	20
Seattle, WA	91	98.9	65	70.7	84	91.3	89	96.7	92
Virginia Beach, VA	98	98.0	70	70.0	92	92.0	94	94.0	100
Washington, DC	106	98.1	83	76.9	97	89.8	103	95.4	108
Total	1,912	97.0	1,412	71.6	1,779	90.3	1,819	92.3	1,971

# Table 12. Receipt of HIV care and treatment among self-reported HIV-positive men who have sex with men—National HIV Behavioral Surveillance, 23 U.S. cities, 2017

Abbreviation: NHBS, National HIV Behavioral Surveillance (footnotes only).

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 test result, positive or negative, or who did not consent to the HIV test). "Past 6 months" refers to the 6 months before interview.

<sup>a</sup> Hispanics/Latinos can be of any race.

# SOCIODEMOGRAPHIC CHARACTERISTICS

- Age: Calculated from the reported date of birth; age categories were chosen for epidemiologic relevance and consistency of reporting across all 3 National HIV Behavioral Surveillance (NHBS) populations.
- Race/ethnicity: Participants reported 1 or more race categories (American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or other Pacific Islander, and white). Hispanic or Latino ethnicity was asked separately; participants reporting Hispanic or Latino ethnicity were considered Hispanic or Latino, regardless of reported race. Participants reporting multiple races (but not Hispanic or Latino ethnicity) were classified as multiple races.
- Education: Highest level of education completed.
- Household income: Participants were asked about their combined monthly or yearly household income (in US\$) from all sources for the calendar year before interview. Poverty was determined by using the U.S. Department of Health and Human Services poverty guidelines for 2017. These guidelines are issued yearly for the United States and are one of the indicators used for determining eligibility for many federal and state programs. The 2017 guidelines [1] were used for participants interviewed in 2017. Because the poverty guidelines are not defined for Puerto Rico, the guidelines for the 48 contiguous states and Washington, D.C., were used for this jurisdiction. Participants were asked to identify the range of their income by selecting from a list of income ranges and the number of dependents on that income. If the participant's income range and household size resulted in an ambiguous determination of poverty level, the participant's household income was assumed to be the low point of the income range.
- Health insurance: Currently having some form of health insurance.
- Homeless: Living on the street, in a shelter, in a single-room–occupancy hotel, or in a car at any time during the 12 months before interview.

- Incarcerated: Having been held in a detention center, jail, or prison for more than 24 hours during the 12 months before interview.
- City: Throughout this report, eligible metropolitan statistical areas (MSAs) and divisions are referred to by the name of the principal city. State and local health departments eligible to participate in NHBS are those in jurisdictions that included an MSA or a specified division within an MSA with high prevalence of HIV. This report presents 2017 data in 23 MSAs (see list at the end of the report), which represented approximately 59% of all persons living with HIV in urban areas with a population of at least 500,000 in 2016.

# HIV STATUS

HIV testing was performed for participants who consented to testing; blood specimens were collected for rapid testing in the field or laboratorybased testing.

- HIV-negative: Participants with a valid negative NHBS HIV test result.
- HIV-positive: Participants with a reactive rapid NHBS HIV test result supported by a second rapid test or supplemental laboratory-based testing.
- No valid NHBS HIV test result: Participants who did not have a valid positive or negative NHBS HIV test result, including those who did not consent to the HIV test, had an indeterminate laboratory result or discordant rapid test results, or reported a previous HIV-positive test result but had a negative NHBS HIV test result.

# **HIV TESTING**

- Ever tested: Having had an HIV test during one's lifetime.
- Tested in past 12 months: Having had an HIV test during the 12 months before interview.
- Clinical setting: Participants reported the location of their most recent HIV test—private doctor's office (including health maintenance organization), emergency department, hospital (inpa-

tient), public health clinic or community health center, family planning or obstetrics clinic, correctional facility (jail or prison), or drug treatment program.

- Nonclinical setting: Participants reported the location of their most recent HIV test—HIV counseling and testing site, HIV street outreach program or mobile unit, needle exchange program, or home.
- "Other" locations could not be classified and are excluded from the clinical/nonclinical setting classification.

# **SEXUAL BEHAVIORS**

- Any sex: Includes vaginal, oral, or anal sex.
- Vaginal sex: Penis inserted into a partner's vagina.
- Oral sex: Penis inserted into a partner's mouth, or mouth on a partner's penis.
- Insertive anal sex: Participant's penis inserted into a partner's anus.
- Receptive anal sex: Partner's penis inserted into the participant's anus.
- Condomless sex: Vaginal or anal sex during which a condom either is not used or is not used throughout the sex act.
- Main partner: Person with whom the participant has sex and to whom he feels most committed (e.g., boyfriend, husband, significant other, or life partner).
- Casual partner: Person with whom the participant has sex, but to whom he does not feel committed or whom he does not know very well.
- Both insertive and receptive anal sex, condomless: participant reported both receptive and insertive anal sex with the most recent sex partner during the 3 months before interview (during the same or different sexual encounters) and reported not using a condom during one or more of those anal sex acts.

# **RECEIPT OF HIV PREVENTION**

• Free condoms: Having received free condoms during the 12 months before interview, not including those given by a friend, relative, or sex partner.

- Individual- or group-level intervention: A composite measure based on having received individual- or group-level HIV interventions. An individual-level intervention is a one-on-one conversation with an outreach worker, a counselor, or a prevention program worker about ways to prevent HIV, excluding conversations that were part of HIV testing. A group-level intervention is a small-group discussion (as part of an organized session) about ways to prevent HIV, excluding informal discussions with friends.
- PrEP awareness: 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.
- PrEP use: Took PrEP at any point during the 12 months before interview to reduce the risk of getting HIV.

# **SEXUALLY TRANSMITTED INFECTIONS**

- Chlamydia: Having received a diagnosis of chlamydia during the 12 months before interview.
- Gonorrhea: Having received a diagnosis of gonorrhea during the 12 months before interview.
- Syphilis: Having received a diagnosis of syphilis during the 12 months before interview.
- Any bacterial STI: Having received a diagnosis of chlamydia, gonorrhea, or syphilis during the 12 months before interview.
- Genital warts: Having received a diagnosis of genital warts during one's lifetime.
- Genital herpes: Having received a diagnosis of genital herpes during one's lifetime.

# SUBSTANCE USE

Participants were asked about their use of drugs (excluding those prescribed for them) during the 12 months before interview and their use of alcohol during the 30 days before interview. Participants were not limited in the number of substances they could report. Participants were considered to have used a substance if they reported using that substance with any frequency other than "never."

• Binge drinking: Consumed 5 or more drinks at one sitting during the 30 days before interview.

- Any injection drug: Used any injection drug (excluding those prescribed for him) during the 12 months before interview.
- Any noninjection drug: Used any noninjection drug, excluding alcohol, during the 12 months before interview.
- Cocaine: Used powder cocaine during the 12 months before interview.
- Crack: Used crack cocaine during the 12 months before interview.
- Downer: Used downers (benzodiazepines), such as Klonopin, Valium, Ativan, or Xanax, during the 12 months before interview.
- Ecstasy: Used X or ecstasy during the 12 months before interview.
- Heroin: Used heroin (smoked or snorted) during the 12 months before interview.
- Marijuana: Used marijuana during the 12 months before interview.
- Methamphetamine: Used methamphetamines, including meth, crystal meth, speed, or crank, during the 12 months before interview.
- Prescription opioids: Used pain killers, such as OxyContin, Vicodin, morphine, or Percocet, during the 12 months before interview.

# **ADDITIONAL OUTCOMES**

Table 11 includes outcomes that were of particular interest at the time of publication but that were not included in other tables.

- Number of male sex partners: Median number of male sex partners in the 12 months before interview; first and third quartiles (25th and 75th percentiles) are also reported.
- Exchange sex: Refers to giving or receiving money or drugs, during the 12 months before interview, in exchange for sex with a male casual partner.
- Condomless sex with an HIV-discordant partner at last sex: A composite measure based on selfreported HIV status of the participant (positive, negative, or unknown), the participant's knowledge of the HIV status of his most recent sex partner (positive, negative, or unknown), and whether the participant reported engaging in vaginal or anal sex without a condom during his most

recent sexual encounter. A partner was considered to be of discordant HIV status if the participant reported that one member of the partnership was known to be HIV-positive and the other was known to be HIV-negative, or if he did not know the HIV status of at least one member of the partnership (participant or partner). The result of the NHBS HIV test (completed after the interview) was not factored into this measure.

### **RECEIPT OF HIV CARE**

Participants who reported having received a positive HIV test result before interview were asked about their receipt of HIV care. Specifically, participants were asked the date of their first HIV-positive test result; if they had ever visited a doctor, nurse, or other health care provider for a medical evaluation or care related to their HIV infection; the date of their first visit to a health care provider for HIV care after learning they had HIV; the date of their most recent visit to a health care provider for HIV care; and whether they were currently taking any antiretroviral medicines.

- Visited health care provider about HIV, ever: Having ever visited a health care provider for HIV care.
- Visited health care provider about HIV, within 1 month after diagnosis: Having visited a health care provider for HIV care within 1 month after the date of their first HIV-positive test result.
- Visited health care provider about HIV, in the past 6 months: Having visited a health care provider for HIV care during the 6 months before date of interview.
- Currently taking antiretroviral HIV medicines: Taking antiretroviral medicines at the time of interview.

#### REFERENCE

 U.S. Department of Health and Human Services. 2017 poverty guidelines. http://aspe.hhs.gov/2017-povertyguidelines. Published 2017. Accessed January 28, 2019.

# Participating Metropolitan Statistical Areas, 2017

Principal city	Metropolitan statistical area division
Atlanta, Georgia	Atlanta–Sandy Springs–Roswell, Georgia
Baltimore, Maryland	Baltimore–Columbia–Towson, Maryland
Boston, Massachusetts	Boston–Cambridge–Newton, Massachusetts–New Hampshire (Boston Division)
Chicago, Illinois	Chicago-Naperville-Elgin, Illinois-Indiana-Wisconsin (Chicago Division)
Dallas, Texas	Dallas–Fort Worth–Arlington, Texas (Dallas Division)
Denver, Colorado	Denver–Aurora–Lakewood, Colorado
Detroit, Michigan	Detroit–Warren–Dearborn, Michigan (Detroit Division)
Houston, Texas	Houston–The Woodlands–Sugar Land, Texas
Los Angeles, California	Los Angeles–Long Beach–Anaheim, California (Los Angeles Division)
Memphis, Tennessee	Memphis, Tennessee–Mississippi–Arkansas
Miami, Florida	Miami–Fort Lauderdale–West Palm Beach, Florida (Miami Division)
Nassau–Suffolk, New York	New York–Newark–Jersey City, New York–New Jersey–Pennsylvania (Nassau Division)
New Orleans, Louisiana	New Orleans–Metairie, Louisiana
New York, New York	New York–Newark–Jersey City, New York–New Jersey–Pennsylvania (New York Division)
Newark, New Jersey	New York–Newark–Jersey City, New York–New Jersey–Pennsylvania (Newark Division)
Philadelphia, Pennsylvania	Philadelphia–Camden–Wilmington, Pennsylvania–New Jersey–Delaware–Maryland (Philadelphia Division)
Portland, Oregon	Portland–Vancouver–Hillsboro, Oregon–Washington
San Diego, California	San Diego–Carlsbad, California
San Francisco, California	San Francisco–Oakland–Hayward, California (San Francisco Division)
San Juan, Puerto Rico	San Juan–Carolina–Caguas, Puerto Rico
Seattle, Washington	Seattle-Tacoma-Bellevue, Washington (Seattle Division)
Virginia Beach, VA	Virginia Beach–Norfolk–Newport News, Virginia–North Carolina
Washington, DC	Washington, District of Columbia (DC)–Virginia–Maryland–West Virginia (Washington Division)

Table A1 presents data for indicators used to monitor progress toward HIV prevention goals outlined in the CDC Division of HIV/AIDS Prevention (DHAP) Strategic Plan [https://www.cdc.gov/hiv/pdf/dhap/ cdc-hiv-dhap-external-strategic-plan.pdf]. Similar indicators were published previously in the National HIV Prevention Progress Report, 2015 [https://www .cdc.gov/hiv/pdf/policies/progressreports/cdc-hivnationalprogressreport.pdf]. For consistency with National HIV Prevention Progress Reports, data reported in Table A1 are reported for men who had oral or anal sex with another man during the 12 months before interview and did not report a previous HIV-positive test result, and are stratified by the following age categories: 18-24, 25-34, 35-44, 45-54, and  $\geq$ 55. Numbers and percentages may differ from those for similar outcomes included in this and other reports of NHBS data due to differences in indicator definition, analysis sample, or strata. Data for DHAP Strategic Plan indicators from NHBS will be included in future DHAP HIV Prevention Progress Reports. Published DHAP reports of NHBS data are available at https://www.cdc.gov/hiv/library/reports/hivsurveillance.html.

		2011 <sup>a</sup>			2014 <sup>D</sup>			$2017^{\circ}$	
Hig	jh-risk sexu	High-risk sexual behavior <sup>d</sup>		High-risk sex	High-risk sexual behavior <sup>d</sup>		High-risk sex	High-risk sexual behavior <sup>d</sup>	
	No.	%	Total No.	No.	%	Total No.	No.	%	Total No.
Age at interview (yr)									
18–24	308	13.9	2,209	259	14.5	1,787	184	13.0	1,417
25–34	332	12.3	2,710	380	12.2	3,103	374	10.8	3,463
35–44	211	13.6	1,557	209	14.4	1,448	148	9.6	1,535
45–54	144	13.5	1,069	170	14.4	1,179	143	13.2	1,084
255	46	9.9	464	49	9.2	533	67	10.7	628
Race/ethnicity									
American Indian/Alaska Native	11	17.5	63	с	6.1	49	6	17.0	53
Asian	14	7.0	200	16	9.5	169	11	5.3	209
Black/African American	297	14.4	2,068	310	15.2	2,034	299	14.0	2,137
Hispanic/Latino <sup>e</sup>	328	15.3	2,145	335	15.3	2,188	272	12.4	2,189
Native Hawaiian/Other Pacific Islander	ø	15.1	53	2	4.8	42	4	11.1	36
White	344	10.8	3,177	339	10.8	3,147	266	8.7	3,041
Multiple races	35	12.3	284	57	15.2	375	52	12.5	417
Total	1,041	13.0	8,009	1,067	13.3	8,050	916	11.3	8,127
Abbreviations: NHBS, National HIV Behavioral Surveillance; PrEP; pree	eillance; PrEP;	breexposure prop	xposure prophylaxis [footnotes only]	s only].					
Note. Data Include men who had oral or anal sex with another man during the 12 months before interview and did not report a previous HIV-positive test result.	th another mar	n during the 12 mo	uths before interv	view and did not repo	ort a previous HIV-p	positive test result			

Published September 2014. Accessed January 28, 2019.

<sup>b</sup> In 2014, NHBS was conducted in 20 MSAs using venue-based, time-space sampling. Details of the 2014 sample are reported in: Centers for Disease Control and Prevention. *HIV Infection Risk, Prevention, and Testing Behaviors among Men Who Have Sex With Men—National HIV Behavioral Surveillance, 20 U.S. Cities, 2014*. HIV Surveillance Special Report 15. http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html. Published January 2016. Accessed January 28, 2019.

<sup>c</sup> In 2017, NHBS was conducted in 23 MSAs using venue-based, time-spaced sampling. Details of the 2017 sample are reported in Technical Notes.

<sup>d</sup> During the 12 months before interview, did not take PrEP and at the most recent sexual encounter had vaginal or anal sex without a condom with a partner who was HIV-positive or of unknown status.

<sup>e</sup> Hispanics/Latinos can be of any race.