

# HIV Testing in the United States Baseline Report 2002-2006

## Baseline Report September 2012

**Behavioral Risk Factor Surveillance System**

**Survey of Americans on HIV/AIDS**

**General Social Survey**

**HIV Counseling and Testing System**

**National Hospital Ambulatory Medical Care Survey**

**National Health and Nutrition Examination Survey**

**National Health Interview Survey**

**National Survey of Family Growth**

**Pregnancy Risk Assessment Monitoring System**

**Youth Risk Behavior Survey**

**HIV Surveillance System**

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## TABLE OF CONTENTS

<b>EXECUTIVE SUMMARY .....</b>	<b>1</b>
<b>Introduction.....</b>	<b>1</b>
<b>Methodology .....</b>	<b>2</b>
<b>Highlights of Results across Data Sources.....</b>	<b>3</b>
<b>Summary Table of National HIV Testing Percentages for the Most Recent Year .....</b>	<b>4</b>
<b>Highlights of Results by Data Source .....</b>	<b>4</b>
<b>BRFSS .....</b>	<b>4</b>
<b>KFF .....</b>	<b>5</b>
<b>GSS.....</b>	<b>5</b>
<b>HIV CT System .....</b>	<b>5</b>
<b>NHAMCS .....</b>	<b>6</b>
<b>NHANES .....</b>	<b>6</b>
<b>NHIS.....</b>	<b>6</b>
<b>NSFG .....</b>	<b>6</b>
<b>YRBS .....</b>	<b>7</b>
<b>HIV Surveillance System .....</b>	<b>7</b>
<b>Conclusion .....</b>	<b>8</b>
<b>Limitations.....</b>	<b>8</b>
<b>I. INTRODUCTION .....</b>	<b>9</b>
<b>A. Background .....</b>	<b>9</b>
<b>B. Purpose and content .....</b>	<b>10</b>
<b>C. Objectives .....</b>	<b>10</b>
<b>D. Research questions .....</b>	<b>11</b>
<b>II.METHODOLOGY .....</b>	<b>13</b>
<b>A. Identification of data sources .....</b>	<b>13</b>
<b>B. Data source description and key variables .....</b>	<b>13</b>
<b>1. Behavioral Risk Factor Surveillance System (BRFSS) .....</b>	<b>13</b>
<b>2. Survey of Americans on HIV/AIDS, Kaiser Family Foundation (KFF).....</b>	<b>14</b>
<b>3. General Social Survey (GSS) .....</b>	<b>14</b>
<b>4. HIV Counseling and Testing (HIV CT) System .....</b>	<b>15</b>
<b>5. National Hospital Ambulatory Medical Care Survey (NHAMCS) .....</b>	<b>15</b>
<b>6. National Health and Nutrition Examination Survey (NHANES) .....</b>	<b>16</b>
<b>7. National Health Interview Survey (NHIS) .....</b>	<b>16</b>
<b>8. National Survey of Family Growth (NSFG) .....</b>	<b>17</b>
<b>9. Pregnancy Risk Assessment Monitoring System (PRAMS) .....</b>	<b>18</b>

10.	Youth Risk Behavior Survey (YRBS).....	18
11.	HIV Surveillance System .....	19
C.	ANALYSIS .....	19
1.	Inclusion criteria .....	19
2.	Type of analyses .....	20
III.	RESULTS .....	21
A.	Behavioral Risk Factor Surveillance System (BRFSS) .....	21
B.	Survey of Americans on HIV/AIDS, Kaiser Family Foundation (KFF).....	23
C.	General Social Survey (GSS) .....	24
D.	HIV Counseling and Testing (HIV CT) System .....	25
E.	National Hospital Ambulatory Medical Care Survey (NHAMCS).....	27
F.	National Health and Nutrition Examination Survey (NHANES) .....	27
G.	National Health Interview Survey (NHIS) .....	28
H.	National Survey of Family Growth (NSFG).....	30
I.	Pregnancy Risk Assessment Monitoring System (PRAMS).....	32
J.	Youth Risk Behavior Survey (YRBS) .....	32
K.	HIV Surveillance System .....	33
IV.	HIGHLIGHTS OF RESULTS ACROSS DATA SOURCES WITH Similar QUESTIONS .....	35
V.	CONCLUSION .....	37
VI.	LIMITATIONS .....	37
	REFERENCES .....	39
	APPENDIX A: DATA SOURCE ACCESS .....	44
	APPENDIX B: MEASURE BY HIV TESTING DATA SOURCES.....	46
	APPENDIX C: QUESTIONS AND VARIABLES BY HIV TESTING DATA SOURCES .....	47
	APPENDIX D: RESULTS BY DATA SOURCES .....	82

## EXECUTIVE SUMMARY

### Introduction

HIV continues to be a public health problem in the United States. The Centers for Disease Control and Prevention (CDC) estimated that over 48,600 new HIV infections occurred in 2006, with an overall incidence rate (cases per 100,000 population) of 19.8 among adults and adolescents in the United States. CDC is committed to reducing HIV infections and improving health by increasing access to HIV testing, so that people know their HIV status and get access to medical care and prevention services. The *Revised Recommendations for HIV Testing of Adults, Adolescents, and Pregnant Women in Health-Care Settings* (hereafter referred to as “CDC’s Revised Recommendations”), published in September 2006, promote HIV screening in health care settings among all persons aged 13-64 years. In addition, the Division of HIV/AIDS Prevention (DHAP) funded in 2007 a three-year program entitled, *PS07-768: Expanded and Integrated Human Immunodeficiency Virus (HIV) Testing for Populations Disproportionately Affected by HIV, Primarily African Americans* (hereafter referred to as “PS07-768”), to foster the adoption of CDC’s Revised Recommendations and to address the HIV epidemic among African Americans by increasing the number of persons who know their HIV status.

The *Assessment of HIV Testing in Clinical Settings (AHITS)* project was designed to establish an HIV testing baseline in the United States, to develop an analysis plan for monitoring HIV testing trends in the future, and to assess programmatic activities supported by PS07-768 funded jurisdictions. This report presents the baseline estimates of the percentage of persons tested for HIV in the United States among adults, adolescents, and pregnant women by select characteristics from several data sources containing HIV testing information. In addition, an HIV surveillance baseline is included to help monitor the effects of the implementation of the CDC’s Revised Recommendations.

This report has two main objectives. First, to determine baseline estimates of the percentage of persons who had ever been tested for HIV and who had tested for HIV in the last 12 months by the following sub-groups:

- Adults (aged 18-64 years)
- Adolescents (aged 13-17 years)
- Pregnant women (of any age)

In the following geographic areas:

- United States
- Geographic regions
- State and local health departments (PS07-768 and non-PS07-768 funded jurisdictions)

In the following domain:

- Setting type (health care and non-health care)

Second, to provide an HIV surveillance baseline by the following sub-groups:

- Adults (aged 18-64 years)
- Adolescents (aged 13-17 years)
- Women of childbearing age (18-44 years)

## Methodology

Eleven data sources were selected for analysis: Behavioral Risk Factor Surveillance System (BRFSS), Survey of Americans on HIV/AIDS-Kaiser Family Foundation (KFF), General Social Survey (GSS), HIV Counseling and Testing (HIV CT) System, National Hospital Ambulatory Medical Care Survey (NHAMCS), National Health and Nutrition Examination Survey (NHANES), National Health Interview Survey (NHIS), National Survey of Family Growth (NSFG), Pregnancy Risk Assessment Monitoring System (PRAMS), Youth Behavior Risk Survey (YRBS), and HIV Surveillance System. Below is a general description of each data source:

- BRFSS is an annual cross-sectional telephone survey of adults aged 18 years and older living in households that collects information on preventive health practices and risk behaviors associated with chronic diseases, injuries, and preventable infectious diseases.
- KFF is a cross-sectional telephone survey of adults aged 18 years and older that collects information on HIV/AIDS as a problem for the nation, knowledge and perceptions of HIV/AIDS, and attitudes and experiences with HIV testing.
- GSS is a national cross-sectional interview survey of adults living in households that monitors social change and the growing complexity of American society.
- HIV CT System is intended to monitor HIV CT services offered at CDC-funded sites in the United States and its territories.
- NHAMCS is designed to collect data on the utilization and provision of services in emergency departments (EDs) and outpatient departments located in the United States.
- NHANES is a cross-sectional survey designed to assess the health and nutritional status of adults and children in the United States, which combines interviews and physical examinations.
- NHIS is an annual cross-sectional multistage area probability sample household survey of adults 18 years and older living in households and non-institutionalized group quarters that collects information on a broad range of health topics used to track the health status, health care access, and progress toward achieving national health objectives.
- NSFG is a national cross-sectional area probability sample in-person interview of persons aged 15-44 years living among the civilian, non-institutionalized population in the United States.
- PRAMS is an ongoing state-specific, population-based mail and telephone survey on maternal attitudes and experiences before, during, and after pregnancy among women who had a recent live birth.
- YRBS is a bi-annual national school-based survey used to monitor asthma, obesity, and health risk behaviors, and is conducted on a representative sample of students in grades 9 through 12 attending public and private schools.
- HIV Surveillance System is the nation's source for information on new HIV/AIDS diagnoses used to track the epidemic and for planning and targeting of HIV prevention programs.

The analysis included the following selection criteria: datasets from 2002-2006, records from respondents aged 13-64 years living in the 50 states and District of Columbia, and records with “yes” and “no” responses for having been tested for HIV. The sample size, percentage tested and 95% confidence intervals (CIs), number of persons tested, and estimated numbers of persons tested were calculated for the population-based surveys. The number of HIV tests, and numbers and percentages of HIV-positive tests and newly-identified HIV-positive tests were determined for the HIV CT System. The numbers of cases, percentage, and rates (cases per 100,000 population) of HIV and AIDS diagnoses were calculated for HIV surveillance data.

## **Highlights of Results across Data Sources**

### **Ever tested for HIV**

- Trends in the percentage of adults who had ever been tested for HIV varied by data source. BRFSS showed a decrease from 2002 to 2006, NHANES showed a slight increase over time, and NHIS showed stable trends from 2002 to 2006.
- The percentage of adults who had ever been tested ranged from 36.0% to 54.5% in six surveys for the most recent years available.
- The percentage of adolescents ever tested ranged from 14.9% to 11.6% in two surveys for the most recent year available.
- Among adults ever tested, the highest percentage was last tested in a health care setting (ranged from 79.7% to 86.6% in four surveys). Among health care settings, private doctors’ offices or health maintenance organizations (ranged from 42.2% to 51.9% in three surveys) or private doctors’ offices only (39.2% in one survey) had the highest percentages of adults who had ever been tested.
- The percentage of adults who had ever been tested was highest in PS07-768 funded jurisdictions (ranged from 43.6% to 55.4% in two surveys). Among the PS07-768 funded jurisdictions, District of Columbia (66.1% in one survey) and South Carolina (71.8% in one survey) had the highest percentage of adults who had ever been tested.

### **Tested in the last 12 months**

- The trends in the percentage of adults who had tested in the last 12 months varied by data source. BRFSS showed a decrease from 2002 to 2006, NHIS showed stable trends from 2002 to 2006, and KFF showed a slight decrease from 2004 to 2006.
- The percentage of adults who had tested in the last 12 months ranged from 10.2% to 20.3% in five surveys for the most recent year available.
- The percentage of adolescents who had tested in the last 12 months was 8.3% in one survey.
- Based on BRFSS, the percentage of pregnant women who had tested in the last 12 months decreased from 2002 to 2006, and according to NHIS, the percentage increased from 2002 to 2006.
- The percentage of pregnant women who had tested in the last 12 months ranged from 51.2% to 60.7% in three surveys for the most recent year available.
- Among adults tested in the last 12 months, the highest percentage was last tested in health care settings (ranged from 78.5% to 88.5% in five surveys). Among health care settings, private doctors’ offices or health maintenance organizations (ranged from 41.4% to

51.9% in three surveys) or private doctors' offices only (ranged from 39.5% to 47.0% in two surveys) had the highest percentages of adults who had tested in the last 12 months.

- The percentage of adults who had tested in the last 12 months was highest in PS07-768 funded jurisdictions (ranged from 14.2% to 22.6% in two surveys). Among the PS07-768 funded jurisdictions, District of Columbia (33.3% in one survey) and Maryland (32.1% in one survey) had the highest percentages of adults who had tested in the last 12 months.

## Summary Table of National HIV Testing Percentages for the Most Recent Year

Data source and year	% ever tested	(95% CI <sup>a</sup> )	% tested in last 12 months	(95% CI <sup>a</sup> )
<b>Adults</b>				
BRFSS (2006)	36.0	(35.5-36.4)	10.2	(9.9-10.5)
KFF (2006)	53.7	(50.9-56.6)	20.3	(18.0-22.5)
GSS (2006)	42.3	(39.8-44.9)	12.4	(10.7-14.2)
NHANES (2005-2006)	42.3	(39.8-44.9)	-	-
NHIS (2006)	40.4	(39.4-41.4)	10.4	(9.9-10.9)
NSFG (2002)	54.5	(52.8-56.2)	16.7	(15.7-17.7)
<b>Adolescents</b>				
NSFG (2002)	14.9	(12.5-17.3)	8.3	(6.3-10.3)
YRBS (2005)	11.6	(10.6-12.6)	-	-
<b>Pregnant women</b>				
BRFSS (2006)	-	-	51.2	(47.3-55.1)
NHIS (2006)	-	-	60.7	(56.1-65.4)
NSFG (2002)	-	-	55.7	(49.0-62.4)

<sup>a</sup> Confidence interval.

## Highlights of Results by Data Source

### BRFSS

- The percentage of adults aged 18-64 years who had ever been tested for HIV and who had tested in the last 12 months decreased from 2002 to 2006.
- In 2006, 36.0% (an estimated 62,773,543) of adults had ever been tested, and 10.2% (an estimated 15,624,516) of adults had tested in the last 12 months.
- The percentage of adults who had tested in the last 12 months was highest among persons aged 18-24 years or 25-34 years, women, Hispanics or Latinos, blacks or African Americans, persons living with a partner or separated, persons living in the South, persons acknowledging any of the behavioral risk factors associated with HIV, and women who were pregnant at the time of the interview.
- Among adults tested in the last 12 months, the highest percentage was last tested in private doctors' offices or health maintenance organizations.
- District of Columbia had the highest percentage of adults who had tested in the last 12 months.



- The percentage of pregnant women aged 18-44 years who had tested in the last 12 months decreased from 2002 to 2006.
- In 2006, 51.2% (an estimated 379,661) of pregnant women had tested in the last 12 months.
- The percentage of pregnant women who had tested in the last 12 months was highest among persons aged 18-24 years, Hispanics or Latinas, blacks or African Americans, divorced persons, and persons living in the South.

#### **KFF**

- In 2006, 53.7% (an estimated 98,029,701) of adults aged 18-64 years had ever been tested for HIV, and 20.3% (an estimated 36,841,477) had tested in the last 12 months.
- The percentage of adults tested in the last 12 months was highest among persons aged 18-24 years or 25-34 years, women, Hispanics or Latinos, blacks or African Americans, separated persons, and persons living in the South.
- Among adults tested in the last 12 months, the highest percentage was last tested in private doctors' offices.
- Maryland had the highest percentage of adults tested in the last 12 months.

#### **GSS**

- In 2006, 42.3% (an estimated 43,470,254) of adults had ever been tested for HIV, and 12.4% (an estimated 11,948,010) had tested in the last 12 months.
- The percentage of adults who had tested in the last 12 months was highest among persons aged 18-24 years, women, blacks or African Americans, persons never married, and persons living in the Midwest.
- Among adults tested in the last 12 months, the highest percentage was last tested in private doctors' offices or health maintenance organizations.

#### **HIV CT System**

- The number of HIV tests conducted among adults receiving services in 31 health departments funded by CDC was about 1.2 million each year from 2002 to 2006.
- In 2006, 1,258,204 HIV tests were conducted; 17,486 HIV-positive tests were identified; and 11,572 were newly identified HIV-positive tests.
- The number of HIV tests was highest among adults aged 18-24 years, women, black, non-Hispanics, persons tested in the South, and persons reporting heterosexual contact as the risk factor for HIV.
- The newly identified HIV positivity was highest among adults aged 45-54 years, men, black, non-Hispanics, persons tested in the South, and persons reporting both male-to-male sexual contact and injection drug use as the risk factors for HIV.
- The newly identified HIV positivity was highest among adults tested in hospitals or private medical doctors' offices.
- Among the 31 health departments included, Houston had the highest newly identified HIV positivity among adults.

### **NHAMCS**

- The percentage of visits among adults aged 18-64 years who had an HIV serology test ordered during an ED visit increased from 2002 to 2005 and then decreased from 2005 to 2006.
- In 2006, less than 1% of visits (an estimated 215,544) among adults had an HIV serology ordered during an ED visit.
- The percentage of patients who had an HIV serology test ordered was highest among adults aged 25-34 years, men, Hispanics or Latinos, blacks or African Americans, persons attending an ED located in the Northeast, and women who also had a pregnancy test ordered during the visit.

### **NHANES**

- The percentage of adults aged 18-64 years who had ever been tested for HIV slightly increased from the 2001-2002 survey to the 2005-2006 survey.
- In the 2005-2006 survey, 42.3% (an estimated 22,785,406) of adults had ever been tested.
- The HIV seroprevalence among adults aged 18-49 years was stable at 0.5% from the 2001-2002 survey to the 2005-2006 survey.
- Among adults tested for HIV, higher HIV seroprevalence rates were among persons aged 45-49 years, men, and blacks or African Americans.

### **NHIS**

- The percentage of adults aged 18-64 years who had ever been tested for HIV and who had tested in the last 12 months was relatively stable from 2002-2006.
- In 2006, 40.4% (an estimated 71,468,420) of adults had ever been tested, and 10.4% (an estimated 17,775,006) had tested in the last 12 months.
- The percentage of adults who had tested in the last 12 months was highest among persons aged 18-24 years or 25-34 years, women, Hispanics or Latinos, blacks or African Americans, persons living with a partner or separated, persons living in the South, and women who were pregnant at the time of the interview.
- Among adults tested in the last 12 months, the highest percentage was last tested in private doctors' offices or health maintenance organizations.
- The percentage of pregnant women aged 18-49 years who had tested in the last 12 months increased from 2002-2006.
- In 2006, 60.7% (an estimated 1,357,794) of pregnant women had tested in the last 12 months.
- The percentage of pregnant women tested in the last 12 months was highest among persons aged 18-24 years, blacks or African Americans, never married persons, and persons living in the South.

### **NSFG**

- In 2002, 54.5% (an estimated 59,999,358) of adults had ever been tested for HIV, and 16.7% (an estimated 18,253,437) had tested in the last 12 months.
- The percentage of adults who had tested in the last 12 months was highest among persons aged 25-34 years, women, Hispanics or Latinos, blacks or African Americans, divorced or separated persons, women who were pregnant at the time of the interview, and persons who reported being homosexual.

- Among adults tested in the last 12 months, the highest percentage was last tested in private doctors' offices.
- In 2002, 14.9% (an estimated 1,720,858) of adolescents had ever been tested, and 8.3% (an estimated 955,473) had tested in the last 12 months.
- In 2002, 55.7% (an estimated 1,384,039) of pregnant women had tested in the last 12 months.

### **PRAMS**

- From 2002-2006, the percentage of pregnant women who self-reported being tested for HIV during pregnancy or delivery was highest in New York State (ranged from 86.8% to 94.8%) and lowest in Utah (ranged from 38.4% to 40.5%).

### **YRBS**

- In 2005, 11.6% (an estimated 1,157,261) of adolescents aged 13-17 years had ever been tested for HIV.
- The percentage of adolescents who had ever been tested was highest among 17 year olds, females, and blacks or African Americans.

### **HIV Surveillance System**

- The rates (per 100,000 population) of HIV and AIDS diagnoses among adults aged 18-64 years slightly decreased from 2002-2006.
- In 2006, rates of HIV and AIDS diagnoses among adults were highest among adults aged 35-39 years or 40-44 years, males, and blacks or African Americans
- Among adult males, the percentage of HIV diagnoses was highest among infections attributable to male-to-male sexual contact and among adult females, the percentage of HIV diagnoses was highest among infections attributable to high-risk heterosexual contact.
- The rates (per 100,000 population) of HIV and AIDS diagnoses among adolescents aged 13-17 years slightly increased from 2002-2006.
- In 2006, the rates of HIV diagnoses among adolescents were highest among males and blacks or African Americans.
- Among adolescent males, the percentage of HIV diagnoses was highest among infections attributable to male-to-male sexual contact and among adolescent females, the percentage of HIV diagnoses was highest among infections attributable to high-risk heterosexual contact.
- The rates (per 100,000 population) of HIV and AIDS diagnoses among women of childbearing age (aged 18-44 years) decreased from 2002-2006.
- In 2006, the rates of HIV diagnoses among women of childbearing age was highest among women aged 25-44 years and blacks or African Americans.
- Among women of childbearing age, the highest percentage of HIV diagnoses was attributable to high-risk heterosexual contact.

## Conclusion

This report provides the baseline estimates of HIV testing in the United States using the findings from nine data sources collecting HIV testing information and HIV/AIDS surveillance data, which are used to help monitor the epidemic in the United States. Across the HIV testing data sources, the findings showed that the percentage of persons tested for HIV was generally higher among

- persons aged 25-44 years,
- women,
- Hispanics or Latinos,
- blacks or African Americans,
- persons living in the South,
- persons acknowledging behaviors associated with a high risk of acquiring HIV,
- women who were pregnant,
- persons living in a PS-07-768 funded jurisdiction

The majority of persons were last tested in a health care setting. Through ongoing monitoring of HIV testing and HIV/AIDS diagnoses, DHAP will be able to strategically focus resources for HIV testing in order to reach persons most affected by HIV.

## Limitations

There are several general limitations associated with this analysis: 1) population-based surveys collect self-reported information, 2) population-based surveys include only participants living in households and potentially excluded other participants with higher risks for HIV (e.g., homeless and incarcerated persons), 3) telephone surveys, such as BRFSS and KFF, are subject to non-coverage bias because minority and low-income households are less likely to have landline telephones, 4) NHAMCS and HIV surveillance information is collected through medical record abstraction, and therefore dependent on how complete these sources are, 5) HIV CT System represents test-level data and not client-level data and this system includes only CDC-funded tests, 6) percentages of pregnant women tested for HIV might be underestimated from BRFSS, NHIS, and NSFG because they only account for women that were pregnant at the time of the interview and not for those who were pregnant or will be pregnant during the year, and 7) comparing results across several surveys, which use different methodologies, is inherently limiting.

## I. INTRODUCTION

### A. Background

HIV/AIDS continues to be a public health problem in the United States. The Centers for Disease Control and Prevention (CDC) estimated that over 48,600 new HIV infections occurred in 2006, with an overall incidence rate (cases per 100,000 population) of 19.8 among adults and adolescents in the United States.<sup>1,2</sup> The highest incidence rates were reported among males (30.1), blacks or African Americans (72.7), and persons in the 30-39 year age group (37.0).<sup>1</sup> In addition, an estimated 1.1 million persons were infected with HIV at the end of 2006, and 21% (232,700) of them were unaware of their infection.<sup>3</sup> A higher percentage of “unaware infections” were among Asians or Pacific Islanders (29.5%), American Indians or Alaska Natives (25.8%), blacks or African Americans (22.2%), and Hispanics or Latinos (21.6%).<sup>3</sup> Moreover, 36% of the HIV infections diagnosed in 2006 progressed to AIDS within a year, which is an indication of late testing.<sup>2</sup>

During 2000-2003, 7,719 HIV-infected pregnant women who gave birth were reported to the Enhanced Perinatal Surveillance project, which was developed as an extension of routine HIV surveillance activities. The majority of the HIV-infected pregnant women were black or African American (66%) and Hispanic or Latina (19%). Sixty percent of the pregnant women knew their HIV status before being pregnant or during pregnancy; however, 34% were diagnosed during labor and delivery. Moreover, the percentage of HIV-infected pregnant women who were tested for HIV before pregnancy varied by race and ethnicity. This percentage was higher among whites (68%), followed by Hispanics or Latinas (61%) and blacks or African Americans (59%).<sup>4</sup>

CDC is committed to reducing HIV infections and improving health by increasing access to HIV testing, so that people know their HIV status and get access to medical care and prevention services. The *Revised Recommendations for HIV Testing of Adults, Adolescents, and Pregnant Women in Health-Care Settings*<sup>5</sup> (hereafter referred to as “CDC’s Revised Recommendations”), published in September 2006, promote HIV screening in health care settings among all persons aged 13-64 years. In addition, CDC’s Revised Recommendations urge private and public providers to conduct annual HIV screening for those at high risk of infection and to conduct screening as a routine part of prenatal care for all pregnant women. The purpose of promoting HIV screening is to diagnose infection earlier, link infected persons to medical care and ensure receipt of prevention services, and continue to reduce perinatal transmissions. These recommendations are intended for providers in health care settings only, which include hospital emergency departments (EDs), urgent care clinics, inpatient services, sexually transmitted disease (STD) clinics or other venues offering clinical STD services, tuberculosis clinics, substance abuse treatment clinics, other public clinics, community clinics, correctional health care facilities, and primary care settings.<sup>5</sup>

In 2007, the Division of HIV/AIDS Prevention (DHAP) funded a three-year program entitled, *PS07-768: Expanded and Integrated Human Immunodeficiency Virus (HIV) Testing for Populations Disproportionately Affected by HIV, Primarily African Americans*<sup>6</sup> (hereafter referred to as “PS07-768”), to foster the adoption of CDC’s Revised Recommendations and to address the HIV epidemic among African Americans by increasing the number of persons who know their HIV status. Twenty-six jurisdictions with the highest number of AIDS diagnoses

among African Americans in 2005 were eligible for funding, and among these, 23 jurisdictions were funded since the first year (September 2007), and two jurisdictions were funded since the second year (September 2008). The national annual goal of this program was to test 1.5 million persons for HIV and to identify 20,000 newly diagnosed persons each year.

## **B. Purpose and content**

When CDC's Revised Recommendations was published in September 2006 and health departments were funded through PS07-768 in September 2007, there was a need to monitor and evaluate the effects of both initiatives on national estimates of HIV testing and the identification of newly diagnosed HIV-positive individuals. Before monitoring and evaluating the effects of both initiatives, baseline estimates of HIV testing needed to be established. In September 2007, DHAP funded the *Assessment of HIV Testing in Clinical Settings (AHITS)* project through the Program Evaluation Branch (PEB) to establish an HIV testing baseline in the United States, to develop an analysis plan for monitoring trends in HIV testing, and to assess programmatic activities supported by PS07-768 funded jurisdictions.

The purpose of this report is to establish an HIV testing baseline for monitoring and evaluating the effect of CDC's Revised Recommendations and PS07-768. This report provides results of the analysis of data sources containing HIV testing information of ever been tested and tested in the last 12 months among adults, adolescents, and pregnant women prior to the release of CDC's Revised Recommendations. In addition, an HIV surveillance baseline among these sub-groups is provided to help inform one of the intended effects of increasing the percentage of persons tested for HIV, which is to reduce new HIV infections.

This report contains six main sections: introduction, methodology, results, summary, conclusion, and limitations. The introduction includes a background, purpose of the report, objectives, and research questions. The methodology section contains the process for identifying the data sources, a brief description of each data source and list of key variables, and the analyses conducted. The results section consists of the highlights for each research question that can be answered by each data source. The summary section compares the results across the data sources that have similar questions. The report ends with the conclusion and limitations sections. In addition, four appendices are included: Appendix A (Data Source Access), Appendix B (Measures by HIV Testing Data Source), Appendix C (Questions and Variables by HIV Testing Data Source), and Appendix D (Results by Data Source).

## **C. Objectives**

This report has two main objectives. First, to determine baseline estimates of the percentage of persons who had ever been tested for HIV and who had tested for HIV in the last 12 months by the following sub-groups:

- Adults (aged 18-64 years)
- Adolescents (aged 13-17 years)
- Pregnant women (of any age)

In the following geographic areas:

- United States

- Geographic regions
- State or local health departments (PS07-768 and non-PS07-768 funded jurisdictions)

In the following domain:

- Setting type (health care and non-health care)

Second, to provide an HIV surveillance baseline by the following sub-groups:

- Adults (aged 18-64 years)
- Adolescents (aged 13-17 years)
- Women of childbearing age (18-44 years)

## **D. Research questions**

The analysis and findings addressed eight research questions:

1. What were the trends in the percentage of persons in the United States who had ever been tested for HIV before the release of CDC's Revised Recommendations?
2. What were the trends in the percentage of persons in the United States who had tested for HIV in the last 12 months before the release of CDC's Revised Recommendations?
3. What were the percentages of adults (aged 18-64 years) and adolescents (aged 13-17 years) who had ever been tested for HIV before the release of CDC's Revised Recommendations? By:
  - Demographic characteristics
  - Socio-economic characteristics
  - Health care coverage or access
  - HIV-related characteristics
  - Setting type where the last HIV test was conducted
  - PS07-768 status (funded and non-funded jurisdictions)
4. What were the percentages of adults (aged 18-64 years), adolescents (aged 13-17 years), and pregnant women (of any age) who had tested for HIV in the last 12 months before the release of CDC's Revised Recommendations? By:
  - Demographic characteristics
  - Socio-economic characteristics
  - Health care coverage or access
  - HIV-related characteristics
  - Setting type where the last HIV test was conducted
  - PS07-768 status (funded and non-funded jurisdictions)
5. What were the trends in the rates of HIV diagnoses among adults (aged 18-64 years), adolescents (aged 13-17 years), and women of childbearing age (aged 18-44 years) before the release of CDC's Revised Recommendations?
6. What were the trends in the rates of AIDS diagnoses among adults (aged 18-64 years), adolescents (aged 13-17 years), and women of childbearing age (aged 18-44 years) before the release of CDC's Revised Recommendations?
7. What were the numbers and rates of HIV diagnoses among adults (aged 18-64 years), adolescents (aged 13-17 years), and women of childbearing age (aged 18-44 years) before the release of CDC's Revised Recommendations by demographic characteristics?



8. What were the numbers and rates of AIDS diagnoses among adults (aged 18-64 years), adolescents (aged 13-17 years), and women of childbearing age (aged 18-44 years) before the release of CDC's Revised Recommendations by demographic characteristics?



## II. METHODOLOGY

### A. Identification of data sources

Data sources with HIV testing information were identified by subject matters experts internal to DHAP. In addition, a literature review was conducted, and CDC and other federal agencies' websites were searched to identify potential data sources. The availability of the data sources varied; some were publically available, others required a formal proposal to have access, and for others, the access was denied, but output tables were received after submitting a data request. Please refer to *Appendix A* for further information on how access to the data sources included in this report was obtained.

### B. Data source description and key variables

This section includes a brief description of the data sources included in this report and the key variables selected for analysis. For quick reference to the HIV information collected by data source, please refer to *Appendix B*, and for the list of questions or variables and their corresponding codes or values included in the analysis of each data source, please refer to *Appendix C*.

#### 1. Behavioral Risk Factor Surveillance System (BRFSS)

The Behavioral Risk Factor Surveillance System (BRFSS), established in 1984, is an annual cross-sectional telephone survey among adults aged 18 years and older living in households that collect information on preventive health practices and risk behaviors associated with chronic diseases, injuries, and preventable infectious diseases. BRFSS data are used to identify emerging health problems, to establish and track health objectives, and to develop and evaluate public health policies and programs. By 2001, all 50 states, District of Columbia, Puerto Rico, U.S. Virgin Islands, and Guam were conducting the survey. The BRFSS survey instrument contains three main components. The first component is the core module, which is utilized by all states and territories. The core module includes questions about demographics, and current health-related perceptions, conditions, and behaviors. The second component is the optional module, which includes questions on specific topics. The third component includes specific questions added by individual states.<sup>7</sup> From 2002-2006, BRFSS was conducted using a Random Digit Dialing (RDD) sampling of landline telephones. For the same time period, the average median response rate was 40.0%. The median response rate decreased over time, ranging from 44.5% in 2002 to 35.4% in 2006.<sup>8-12</sup>

The following variables were included in the analysis:

- HIV testing—ever been tested and tested in the last 12 months (calculated variable using date of most recent HIV test and interview date).
- Demographics—age, sex, ethnicity, race, marital status, geographic region of residence (calculated variable using state of residence), having any HIV risk factors, and pregnancy status at the time of the interview.
- Socio-economic—education attainment and annual household income.

- Health care coverage or access—health care coverage, having a health care provider, and time since last routine medical check-up.
- HIV-related characteristics—reasons for having an HIV test and rapid testing.
- Setting type where the last HIV test was conducted.
- State of residence (used to categorize funded and non-funded jurisdictions under PS07-768).

## **2. Survey of Americans on HIV/AIDS, Kaiser Family Foundation (KFF)**

The Survey of Americans on HIV/AIDS, established in 1995 by the Kaiser Family Foundation (KFF), is a cross-sectional telephone survey of adults aged 18 years and older that collects information on HIV/AIDS as a problem for the nation, knowledge and perceptions of HIV/AIDS, and attitudes and experiences with HIV testing.<sup>13</sup> This survey includes self-reported HIV testing, communication with doctors and partners about HIV, and reasons for being tested.<sup>12</sup> The survey, conducted by Princeton Survey Research Associates International, uses a random digit dialing sample of landline telephones and an oversampling of African Americans and Latinos in order to represent the United States adult population living in households, and it allows for analysis by race or ethnicity.<sup>14-16</sup> In 2004 and 2006, the response rate was 37% and 23%, respectively.<sup>17-18</sup>

The following variables were included in the analysis:

- HIV testing—ever been tested and tested in the last 12 months.
- Demographics—age, sex, ethnicity, race, marital status, and geographic region of residence (calculated variable using state of residence).
- Socio-economic—education attainment, annual household income, and religion.
- HIV-related characteristics—ever talked to a doctor about HIV/AIDS, knowledge of being tested for HIV, and HIV test result provided.
- Setting type where the last HIV test was conducted.
- State of residence (used to categorize funded and non-funded jurisdictions under PS07-768).

## **3. General Social Survey (GSS)**

The General Social Survey (GSS) is a national cross-sectional interview survey of adults living in households in the United States that has been conducted almost annually since 1972 by the National Opinion Research Center at the University of Chicago and with the support of the National Science Foundation. GSS monitors social change and the growing complexity of American society, and it contains a standard core of demographic information, attitudes, and topics of sociological interest. Many of the core questions have remained unchanged since 1972 to facilitate time trend studies as well as replication of earlier findings.<sup>19</sup> The 2002 survey of the GSS used computer-assisted personal interviewing (CAPI) technology to streamline the data collection process and eliminate the need for entering and coding data. In 2004, a sample frame based on the 2000 U.S. Census was adopted, and a non-respondent sub-sampling design was used. Throughout the life of the survey, sampling frames have been modified to extrapolate data to the population at large, and statistical weighting has been used. Sample weights correct for changes in population and structure over the study period and account for biases due to

oversampling and non-response. The HIV testing questions were added to the GSS survey in 2006,<sup>20</sup> and the response rate in 2006 was 71%.<sup>21</sup>

The following variables were included in the analysis:

- HIV testing—ever been tested and tested in the last 12 months (calculated variable using date of most recent HIV test and interview date).
- Demographics—age, sex, ethnicity, race, marital status, and geographic region of residence (calculated variable using region of interview).
- Socio-economic—education attainment, annual household income, and religion.
- Setting type where the last HIV test was conducted.

#### **4. HIV Counseling and Testing (HIV CT) System**

CDC established the HIV Counseling and Testing (HIV CT) System in 1989 to monitor HIV CT services offered at CDC-funded sites in the United States and its territories.<sup>22</sup> These sites have been supported through CDC cooperative agreements with 59 health departments, which include the 50 state health departments, six municipal or county health departments, and the health departments of District of Columbia, Puerto Rico, and U.S. Virgin Islands. Information about clients is collected by the person providing the services, sent to the health department, and then submitted to CDC without personal identifiers. HIV CT data are considered test-level rather than client-level, because CDC does not receive personal identifying information collected by the sites during the HIV testing encounter to link multiple tests to one client.

The following variables were included in the analysis:

- HIV testing—current HIV test results and self-reported history of previous HIV testing.
- Demographics—age, sex, race or ethnicity, geographic region where the test was conducted (calculated variable using project area), and HIV risk factors.
- Testing characteristics—test type (i.e., anonymous vs. confidential) and whether HIV test results were returned and posttest counseling was provided.
- Setting type where the current HIV test was conducted.
- State or local health department test conducted in (used to categorize funded and non-funded jurisdictions under PS07-768).

#### **5. National Hospital Ambulatory Medical Care Survey (NHAMCS)**

The National Hospital Ambulatory Medical Care Survey (NHAMCS), started in 1992, is an annual, four-stage probability sample of visits to EDs and outpatient departments. The survey is designed to collect data on the utilization and provision of services in EDs and outpatient departments located in the 50 states and District of Columbia.<sup>23</sup> Beginning in 2009, hospital-based ambulatory surgery centers were included in the study. NHAMCS is part of the ambulatory component of the National Health Care Survey, a family of surveys that measures health care utilization across various types of providers.<sup>23</sup> A standard survey instrument, the Patient Record Form, is provided to selected sites in three versions, one each for the EDs, outpatient departments, and ambulatory surgery centers.<sup>24</sup> During a randomly-assigned 4-week reporting period, data are abstracted from a random sample of patient visits, including

demographic characteristics, expected source of payment, patients' complaints, diagnostic or screening services, procedures, diagnoses, medication therapy, causes of injury, and certain characteristics of the facility (e.g., geographic region and metropolitan statistical area).<sup>23</sup> Data on having HIV serology ordered or performed has been part of the Patient Record Form provided to EDs since 1992. From 2002 to 2006, the average response rate was 86.2%, ranging from 90.8% in 2002 to 82.5% in 2006.<sup>25-29</sup>

The following variables were included in the analysis:

- HIV testing–HIV serology test ordered as a diagnostic or screening service.
- Demographics–age, sex, ethnicity, race, geographic region and metropolitan statistical area of the hospital's location, and pregnancy test ordered.
- Health insurance coverage (calculated variable using the primary expected source of payment for the visit).

## **6. National Health and Nutrition Examination Survey (NHANES)**

The National Health and Nutrition Examination Survey (NHANES) is a cross-sectional survey designed to assess the health and nutritional status of adults and children in the United States.<sup>30</sup> The survey is unique in that it combines interviews and physical examinations. The NHANES interview includes demographic, socio-economic, dietary, and health-related questions. The examination component consists of medical, dental, and physiological measurements, as well as laboratory tests. NHANES began in the early 1960s as a series of surveys focusing on different population groups or health topics. In 1999, the survey became a continuous program with a changing focus on a variety of health and nutrition measurements to meet emerging public health needs.<sup>30</sup> HIV testing became part of the physical examination in the 2001-2002 survey. The survey examines a nationally representative sample of about 5,000 persons each year. The average response rates among the three surveys (2001-2002, 2003-2004, and 2005-2006) were 81% for interviews and 78% for examinations.<sup>31</sup>

The following variables were included in the analysis:

- HIV testing–ever been tested for HIV and HIV test results.
- Demographics–age, sex, race or ethnicity, and marital status.
- Socio-economic–educational attainment and annual household income
- Health care coverage or access–health care coverage, health care provider, type of place most visited for health care needs, number of times received health care services in the past year, and time since last health care visit.

## **7. National Health Interview Survey (NHIS)**

The National Health Interview Survey (NHIS), established in 1957, is an annual cross-sectional multistage area probability sample household survey among adults 18 years and older living in households and non-institutionalized group quarters that collects information on a broad range of health topics used to track the health status, health care access, and progress toward achieving national health objectives.<sup>32</sup> The U.S. Census Bureau conducts the survey in all 50 states and the District of Columbia.<sup>33</sup> The revised NHIS questionnaire, in use since 1997, has four major components: Household, Family, Sample Adult, and Sample Child.<sup>33</sup> The Household

component includes demographic information on all individuals living in the household.<sup>33</sup> The Family component, which serves as a sample frame for additional integrated surveys, collects additional demographic information, as well as data on health status, injuries, health care access and utilization, health insurance coverage, and income on all individuals living in the household.<sup>33</sup> The Sample Adult and Sample Child components randomly select one adult and one child in the family to collect information on health status, health care services, and health behaviors. In 1997, the Sample Adult component began including questions related to HIV testing history, location, and risk.<sup>34</sup> From 2002–2006, NHIS was conducted using a computer assisted personal interviewing (CAPI) mode. From 2002–2006, the average response rate was 88% of eligible households in the sample, ranging from 89.6% in 2002 to 86.5% in 2005.<sup>35-39</sup>

The following variables were included in the analysis:

- HIV testing—ever been tested and tested in the last 12 months (calculated variable using date of most recent HIV test and interview date).
- Demographics—age, sex, ethnicity, race, marital status, geographic region of residence, and pregnancy status at the time of interview.
- Socio-economic—educational attainment and annual household income.
- Health care coverage and HIV-related characteristics—health care coverage, HIV risk behavior, chances of getting HIV, history of an STD diagnosis, reason for testing, and who administered test.
- Setting type where the last HIV test was conducted.

## **8. National Survey of Family Growth (NSFG)**

The National Survey of Family Growth (NSFG) was initiated in 1973 and is conducted approximately every seven years. It is a national cross-sectional area probability sample in-person interview among persons aged 15-44 years living among the civilian, non-institutionalized population in the United States.<sup>40</sup> The first five cycles of NSFG surveyed only women and focused on factors that may explain trends and group differences in birth rates (e.g., contraception, infertility, sexual activity, and marriage).<sup>40</sup> HIV testing history was first included in 1998.<sup>41</sup> In 2002, NSFG was expanded to include a nationally representative sample of men and women in order to plan health services and health education programs. The NSFG survey has two main components publicly available in three files: Female Respondent data file, Female Pregnancy data file, and Male Respondent data file.<sup>42</sup> The Female Respondent and Male Respondent data files include one record for each woman and man surveyed, respectively.<sup>42</sup> The Female Pregnancy data file contains one record for each pregnancy recorded, including information about the characteristics of the pregnancy.<sup>42</sup> In 2002, the response rate was 79% overall, 80% for females, and 78% for males.<sup>40</sup>

The following variables were included in the analysis:

- HIV testing—ever been tested and tested in the last 12 months (calculated variable using date of most recent HIV test and interview date).
- Demographics—age, sex, ethnicity, race, marital status, and pregnancy status at the time of the interview.
- Socio-economic—educational attainment, annual household income, and poverty level.

- Health care coverage and HIV-related characteristics—any time without health care coverage in the last 12 months, talked to a doctor about AIDS after having the HIV test done, and reason for testing.
- Sexual orientation and HIV risk factors—sexual orientation, number of sex partners in the last 12 months, received counseling for or were tested or treated for an STD in the last 12 months, having sex in the last 12 months with a partner who was having sex with other males (females only), having sex in the last 12 months with a male or female partner who was having sex with others, high on alcohol or drugs in the last 12 months while having sex with a male or female, having sex in the last 12 months with a male or female who takes or shoots street drugs using a needle, sex for money or drugs in the last 12 months, gave money or drugs to a male or female in the last 12 months to have sex with you, and had sex in the last 12 months with an HIV-infected male or female.
- Setting type where the last HIV test was conducted.
- Pregnancy characteristics—pregnancy trimester at the time of interview and number of pregnancies in lifetime.

## **9. Pregnancy Risk Assessment Monitoring System (PRAMS)**

The Pregnancy Risk Assessment Monitoring System (PRAMS) is a state-specific, population-based survey, which was developed in 1987 to collect data on maternal attitudes and experiences before, during, and shortly after pregnancy. The goal of PRAMS is to improve the health of mothers and infants by reducing adverse outcomes such as low birth weight, infant mortality and morbidity, and maternal morbidity. The PRAMS sample of women who have had a recent live birth is drawn from the state's birth certificate file. Selected women are first contacted by mail and if there is no response to repeated mailings, women are contacted and interviewed by telephone.<sup>43</sup> The PRAMS questionnaire has two components: core and standard. The core questionnaire is used by all participant states, and the standard questionnaire is often reflective of topics of interest to the majority of PRAMS states. The HIV testing question was added to the third phase of the PRAMS questionnaire, which includes surveys conducted from 1996 to 1999.<sup>44</sup> For this data source, state-based HIV testing estimates were obtained through CPONDER, which is a web-based query system that contains PRAMS data from 2000 through 2006 for each participant state and year combinations that achieve at least a 70% response rate.<sup>45</sup> CPONDER does not include socio-demographic characteristics of the participants, so the analysis was limited to the following question:

- HIV testing – tested for HIV during most recent pregnancy or delivery.

## **10. Youth Risk Behavior Survey (YRBS)**

The Youth Behavior Risk Survey (YRBS) is a bi-annual national school-based survey developed in 1990. YRBS is used to monitor asthma, obesity, and health risk behaviors, and is conducted among a representative sample of students in grades 9 through 12 attending public and private schools.<sup>46</sup> YRBS collects information on tobacco, alcohol, and other drug use; unhealthy dietary behaviors; inadequate physical activity; sexual behaviors that contribute to unintended pregnancy, STDs, and HIV infection; and behaviors that contribute to unintentional injury and violence. Previous surveys asked participants if they were ever taught about AIDS or HIV



infection in school, and in 2005, a question about “ever been tested for HIV” was added. The overall response rate in 2005 was 67%.<sup>46</sup>

The following variables were included in the analysis:

- HIV testing—ever been tested for HIV.
- Demographics—age, sex, race or ethnicity, and current grade.
- HIV-related characteristics—taught about HIV/AIDS in school, ever had sexual intercourse, had sex before age 13, had sex with 4 or more people in lifetime, used alcohol or drugs before last sexual intercourse, had ever injected drugs, and history of drug use (marijuana, cocaine, heroin, methamphetamine, ecstasy, or illegal steroid pills or shots).

## **11. HIV Surveillance System**

The CDC’S HIV surveillance system is the nation’s source for information on new HIV/AIDS diagnoses used to track the epidemic. CDC funds and assists state and local health departments to collect the information. Health departments report their data to CDC so that information from around the country can be analyzed to help determine who is being infected.<sup>47</sup> The information collected by the HIV surveillance system is used for planning and targeting HIV prevention programs. Currently, all 50 states, District of Columbia, and the U.S. territories have implemented name-based reporting for HIV infection (including AIDS), but only 33 had mature HIV reporting systems as of 2006. A baseline of HIV surveillance data is provided in this report as a way to evaluate the effects of increasing of HIV testing in the United States so that HIV infected persons know their status and receive medical care, treatment, and prevention services.

The following variables were included in the analysis:

- HIV infections and AIDS cases.
- Demographics—age, sex, and race or ethnicity.
- HIV transmission category.

## **C. ANALYSIS**

### **1. Inclusion criteria**

Five data criteria were applied to all data sources with HIV testing information. First, to make data comparable across all data sources, adults were defined as respondents aged 18-64 years; adolescents were defined as respondents aged 13-17 years; and pregnant women could be of any age. Second, only records from respondents living in the 50 states and District of Columbia were included in the analysis to make it analogous to CDC’s Revised Recommendations, which are intended for health care providers in the United States. Third, data sets from 2002-2006 were selected to establish baselines of percentage of persons tested for HIV and of HIV/AIDS case rates. Fourth, the percentage of pregnant women tested for HIV was estimated only for those tested in the last 12 months or during the most recent pregnancy or delivery, because knowing the HIV status during the current pregnancy is more relevant to prevent mother-to-child transmission than for those who have ever been tested for HIV. Finally, for the population-based surveys (i.e., BRFSS, KFF, GSS, NHANES, NHIS, NSFG, and YRBS)

that contain the ever been tested for HIV question, only records with “yes” or “no” responses for ever been tested for HIV were included in the analysis (records with “unknown” or “refused” responses or missing data are excluded from that analysis to minimize underestimation).

Additional inclusion criteria applied to some of the data sources are listed below:

- BRFSS—pregnancy status was asked only of women aged 18-44 years.
- KFF—only 2004 and 2006 surveys were included.
- GSS—only the 2006 survey was included.
- HIV CT System—only records with valid coding for current HIV test results were included, and only health departments with complete test-level data from 2002-2006 were included.
- NHAMCS—although the Patient Record Form used for data abstractions at outpatient departments collected whether an HIV serology test was ordered, these records were not included because the numbers were very small.
- NHANES—three surveys were included (2001-2002, 2003-2004, and 2005-2006).
- NHIS—pregnancy status was asked only of women aged 18-49 years.
- NSFG—only the 2002 survey was included.
- PRAMS—only state-based estimates were included, and because the results were limited to information obtained through CPONDER, responses with “do not know” values were included in the estimates.
- YBRS—only the 2005 survey was included.
- HIV Surveillance System—only data on HIV infections from 33 jurisdictions with mature named-based HIV reporting as of 2006 were included, and because the pregnancy status variable was not reliable, data on women of childbearing age were presented.

## **2. Type of analyses**

The type of analyses conducted varied by data source. First, for the population-based surveys (i.e., BRFSS, KFF, GSS, NHAMC, NHANES, NHIS, NSFG, PRAMS, and YRBS), the analyses include the following statistical measures:

- Sample size
- Percentage tested with lower and upper 95% confidence intervals (CIs)
- Number of persons tested (unweighted)
- Estimated number of persons tested (weighted), except for PRAMS

Second, for the HIV CT System, the analyses consisted of the number of HIV tests, and number and percentage of HIV-positive tests and newly-identified HIV-positive tests. Finally, for HIV Surveillance, the analyses included the number, percentage, and rates (cases per 100,000 population) of HIV and AIDS diagnoses.



### III. RESULTS

#### A. Behavioral Risk Factor Surveillance System (BRFSS)

##### **HIV testing trends among adults (Tables 1 and 2)**

The percentage of adults aged 18-64 years who had ever been tested for HIV and who had tested in the last 12 months decreased from 2002 to 2006. In 2006, 36.0% (an estimated 62,773,543) of the adults had ever been tested, and 10.2% (an estimated 15,624,516) of adults had tested in the last 12 months.

##### **HIV testing among adults by demographic characteristics (Table 3)**

Overall, the analysis of 2002-2006 pooled data, which included 1,071,710 persons, showed that 42.0% of adults had ever been tested and 13.2% of adults had tested in the last 12 months. The percentage of adults who had ever been tested was highest among adults aged 25-34 years (58.1%), women (44.3%), Hispanics or Latinos (44.8%), blacks or African Americans (60.4%), persons living with a partner (56.3%) or separated (56.1%), persons living in the South (45.1%), persons acknowledging any of the behavioral risk factors associated with HIV (63.0%), and women who were pregnant at the time of the interview (75.9%). The percentage of adults who had tested in the last 12 months was highest among adults aged 18-24 years (20.6%) or 25-34 years (20.3%), women (13.5%), Hispanics or Latinos (17.0%), blacks or African Americans (29.2%), persons living with a partner (22.0%) or separated (21.2%), persons living in the South (15.5%), persons acknowledging any of the behavioral risk factors associated with HIV (31.4%), and women who were pregnant at the time of the interview (57.4%).

##### **HIV testing among adults by socio-economic characteristics (Table 4)**

The percentage of adults who had ever been tested was highest among adults who had some college education (44.0%) or were a college graduate (43.6%), and had an annual income of less than \$15,000 (46.2%) or between \$15,000 and \$24,999 (45.9%). The percentage of adults who had tested in the last 12 months was highest among adults who had less than a high school education (14.7%) or had some college education (14.4%), and had an annual income of less than \$15,000 (18.0%) or between \$15,000 and \$24,999 (17.6%).

##### **HIV testing among adults by health care coverage or access and HIV-related characteristics (Table 5)**

The percentage of adults who had ever been tested was highest among adults who did not have health care coverage (43.6%), did not have a health care provider (42.8%), and had their last routine medical check-up within the past year (40.0%). Among adults ever tested, 29% had an HIV test done as part of a routine medical check-up. The percentage of adults who had tested in the last 12 months was highest among adults who did not have health care coverage (14.8%), who did not have a health care provider (13.9%), and who had their last routine medical check-up within the past year (13.9%). Among adults tested in the last 12 months,

37.2% had an HIV test done as part of a routine medical check-up and 17.4% reported that a rapid test was used.

#### **HIV testing among adults by setting type (Table 6)**

Among adults ever tested and tested in the last 12 months, the percentage last tested in a health care setting (84.9% and 85.3%, respectively) was higher than in non-health care settings (14.1% and 13.8%, respectively). Among health care settings, private doctors' offices or health maintenance organizations conducted the highest percentage of tests among adults who had ever been tested (42.2%) and who had tested in the last 12 months (41.4%).

#### **HIV testing among adults by PS07-768 status (Table 7)**

Overall, the percentage of adults who had ever been tested and who had tested in the last 12 months in PS07-768 funded jurisdictions (43.6% and 14.2%, respectively) was higher than in non-PS07-768 funded jurisdictions (37.7% and 10.4%, respectively). Among the PS07-768 funded jurisdictions, District of Columbia had the highest percentage of adults who had ever been tested and who had tested in the last 12 months (66.1% and 33.3%, respectively), while Ohio had the lowest percentage of adults who had ever been tested and who had tested in the last 12 months (33.9% and 9.5%, respectively).

#### **HIV testing trends among pregnant women (Table 8)**

The percentage of pregnant women aged 18-44 years who had tested in the last 12 months decreased from 2002 to 2006. In 2006, 51.2% (an estimated 379,661) of pregnant women had tested for HIV in the last 12 months.

#### **HIV testing among pregnant women by demographic characteristics (Table 9)**

The analysis of 2002-2006 pooled data, which included 12,012 women aged 18-44 years who were pregnant at the time of the interview, showed that 57.4% (estimated 1,278,214) of pregnant women had tested in the last 12 months. The percentage of pregnant women who had tested in the last 12 months was highest among women aged 18-24 years (61.2%), Hispanics or Latinos (58.7%), blacks or African Americans (72.2%), women who were divorced (68.1%), women who lived in the South (61.4%), and women who acknowledged a risk factor for HIV (69.1%).

#### **HIV testing among pregnant women by socio-economic characteristics (Table 10)**

The percentage of pregnant women who had tested in the past 12 months was highest among women who had some college education (60.6%) or were a high school graduate (60.2%) and had an annual income between \$15,000 and \$24,999 (67.3%).

#### **HIV testing among pregnant women by health care coverage or access and HIV-related characteristics (Table 11)**

The percentage of pregnant women who had tested in the last 12 months was highest among women who had health care coverage (59.3%), had a health care

provider (59.4%), and had their last routine medical check-up within the past year (57.0%). Among pregnant women tested in the last 12 months, 80.8% had an HIV test done because they were pregnant and only 9.0% reported that a rapid test was used.

#### **HIV testing among pregnant women by setting type (Table 12)**

Among pregnant women tested in the last 12 months, the percentage tested in health care settings (95.2%) was higher than in a non-health care setting (4.7%). Among the health care settings, private doctors or health maintenance organizations conducted the highest percentage (55.9%).

### **B. Survey of Americans on HIV/AIDS, Kaiser Family Foundation (KFF)**

#### **HIV testing trends among adults (Tables 13 and 14)**

The percentage of adults aged 18-64 years who had ever been tested for HIV slightly increased from 2004 to 2006, while the percentage of adults who had tested in the last 12 months slightly decreased from 2004 to 2006. In 2006, 53.7% (an estimated 98,029,701) of adults had ever been tested, and 20.3% (an estimated 36,841,477) had tested for HIV in the last 12 months.

#### **HIV testing among adults by demographic characteristics (Table 15)**

Overall, the analysis of the 2004 and 2006 pooled data, which included 4,290 persons, showed that 53.2% of adults had ever been tested and 21.0% of adults had tested in the last 12 months. The percentage of adults who had ever been tested was highest among adults aged 25-34 years (68.3%), women (54.4%), Hispanics or Latinos (54.8%), blacks or African Americans (70.1%), persons living as married (67.0%) or separated (66.5%), and persons living in the South (56.4%). The percentage of adults who had tested in the last 12 months was highest among adults aged 18-24 years (29.7%) or 25-34 years (29.1%), women (21.7%), Hispanics or Latinos (28.8%), blacks or African Americans (40.0%), persons separated (35.1%), and persons living in the South (23.3%).

#### **HIV testing among adults by socio-economic characteristics (Table 16)**

The percentage of adults who had ever been tested was highest among adults who had some college education (58.0%), had an annual income of less than \$10,000 (62.5%), and reported being of an "other" religion (70.6%). The percentages of adults who had tested in the last 12 months was highest among adults who had less than a high school education (23.4%), and had an annual income of less than \$10,000 (36.0%).

#### **HIV testing among adults by HIV-related characteristics (Table 17)**

The percentage of adults who had ever been tested was highest among adults who had ever talked to a doctor about HIV/AIDS (80.6%). Among adults ever tested for HIV, 51.9% knew they were being tested for HIV because they asked to be tested. The percentage of adults who had tested in the last 12 months was highest among adults who had ever talked to a doctor about HIV/AIDS (34.2%). Among

adults tested in the last 12 months, 49.7% knew they were tested for HIV because they asked to be tested and 87.2% reported that the HIV test result was provided.

#### **HIV testing among adults by setting type (Table 18)**

The setting type where the last HIV test was conducted was asked only of persons tested in the last 12 months. The percentage of adults tested in health care settings (81.1%) was higher than in non-health care settings (18.9%). Among the health care settings, private doctors' offices conducted the highest percentage (47.0%).

#### **HIV testing among adults by PS07-768 status (Table 19)**

Overall, the percentage of adults who had ever been tested and who had tested in the last 12 months in a PS07-768 funded jurisdiction (55.4% and 22.6%, respectively) was higher than in a non-PS07-768 funded jurisdiction (48.5% and 17.3%, respectively). Among the PS07-768 funded jurisdictions, South Carolina had the highest percentage of adults who had ever been tested (71.8%), and Maryland had the highest percentage of adults who had tested in the last 12 months (32.1%).

### **C. General Social Survey (GSS)**

#### **HIV testing among adults by demographic characteristics (Table 20)**

Overall, the 2006 survey, which included 1,992, adults aged 18-64 years showed that 42.3% (an estimated 43,470,254) of adults had ever been tested for HIV and 12.4% (an estimated 11,948,010) of adults had tested in the last 12 months. The percentage of adults who had ever been tested was highest among adults aged 35-44 years (55.0%), women (44.9%), Hispanics or Latinos (47.2%), blacks or African Americans (53.9%), persons living as separated (62.3%), and persons living in the West (46.4%). The percentage of adults who had tested in the last 12 months was highest among adults aged 18-24 years (19.3%), women (13.1%), blacks or African Americans (24.0%), persons never married (16.7%), and persons living in the Midwest (14.3%).

#### **HIV testing among adults by socio-economic characteristics (Table 21)**

The percentage of adults who had ever been tested was highest among adults who were a college graduate (43.7%) or had some college education (43.0%), had an annual income between \$15,000-\$24,999 (51.6%) or less than \$15,000 (50.8%), and reported being of no religion (51.7%) or being of an "other" religion (51.4%). The percentage of adults who had tested in the last 12 months was highest among adults who had a high school graduate education (13.6%) or less than a high school education (13.5%), had an annual income of less than \$15,000 (19.8%), and reported being of an "other" religion (18.0%).

#### **HIV testing among adults by setting type (Table 22)**

Among adults who had ever been tested or who had tested in the last 12 months, the percentage last tested in health care settings (86.6% and 88.5%, respectively) was higher than in non-health care settings (13.4% and 11.5%, respectively).

Among the health care settings, private doctors' offices or health maintenance organizations conducted the highest percentage among adults who had ever been tested (51.4%) and who had tested in the last 12 months (51.9%).

## **D. HIV Counseling and Testing (HIV CT) System**

### **HIV testing trends among adults (Table 23)**

The number of HIV tests among adults aged 18-64 years reported from 31 health departments with test-level data was about 1.2 million tests each year from 2002 to 2006. The number and percentage of HIV-positive tests slightly decreased over time, and the average number of HIV-positive tests for these five years was 18,177. During 2002-2006, 66% of the HIV-positive tests were newly identified HIV-positive tests. The number of newly identified HIV-positive tests slightly decreased over time (averaging 12,045 during 2002-2006), but the newly identified HIV positivity remained constant for most of these years at 1.0%. In 2006, 1,258,204 HIV tests were conducted among adults receiving services in 31 health departments; 17,486 (1.4%) HIV-positives tests were identified, and 11,572 (0.9%) were newly identified.

### **HIV testing among adults by demographic and testing characteristics (Table 24)**

In 2006, a higher number of tests was reported among adults aged 18-24 years (441,068), women (627,580), black, non-Hispanics (501,121), persons tested in the South (631,192), persons reporting heterosexual contact as the risk factor for HIV (921,067), persons receiving confidential testing (1,102,641), and persons whose HIV test results were returned and posttest counseling was provided (807,953). The percentage of HIV-positive tests and newly identified HIV-positive tests was highest among adults aged 45-54 years (2.5% and 1.5%, respectively), men (2.0% and 1.4%, respectively), black, non-Hispanics (1.9% and 1.3%, respectively), persons tested in the South (1.5% and 1.0%, respectively), and persons reporting both male-to-male sexual contact and injection drug use as the risk factors for HIV (6.8% and 4.4%, respectively).

### **HIV testing among adults by setting type (Table 25)**

The majority of the HIV tests reported in 2006 were conducted in a health care setting (69%). Overall, the percentage of HIV-positive tests and newly identified HIV-positive tests was higher in non-health care settings (1.8% and 1.3%, respectively) than in health care settings (1.2% and 0.7%, respectively). The highest percentage of HIV-positive tests and newly identified HIV-positive tests were reported from community health centers or public health clinics (2.3% and 1.2%, respectively) and hospitals or private medical doctors' offices (2.2% and 1.6%, respectively).

### **HIV testing among adults by PS07-768 status (Table 26)**

Although 25 health departments are funded under PS07-768, this analysis only included the 17 of those that reported test-level data. Overall, higher numbers of HIV tests were conducted in health departments receiving PS07-768 funds

(1,123,255) than among those not receiving PS07-768 funds (134,949). Among the funded PS07-768 health departments, Houston had the highest percentages of HIV-positive and newly identified HIV-positive tests (2.6% and 1.9%, respectively), followed by District of Columbia (2.2%) for the percentage of HIV-positive tests and Chicago (1.6%) for the percentage of newly identified HIV-positive tests.

#### **HIV testing trends among adolescents (Table 27)**

Less than 7% of the tests conducted in the 31 health departments with test-level data were among adolescents aged 13-17 years. The number of HIV-positive tests decreased over time, and the average number of HIV-positive tests for these five years was 178. During 2002-2006, an average of 81% of HIV-positive tests was newly identified. The number of newly identified HIV-positive tests varied over time, but the percentage of HIV-positive tests remained constant for most of these years at 0.2%; and the average number of newly identified HIV-positive tests was 144. In 2006, 81,517 HIV tests were conducted among adolescents receiving services in the 31 health departments; 191 (0.2%) HIV-positives tests were identified, and 164 (0.2%) were newly identified.

#### **HIV testing among adolescents by demographic and testing characteristics (Table 28)**

In 2006, a higher number of tests was reported among adolescents who were 17 years old (35,972), women (53,164), black, non-Hispanics (35,633), persons tested in the South (50,505), and reporting heterosexual contact as the risk factor for HIV (66,865). The highest percentages of HIV-positive tests and newly identified HIV-positive tests were reported among adolescents reporting male-to-male sexual contact as the risk factor for HIV (2.3% and 2.1%, respectively).

#### **HIV testing among adolescents by setting type (Table 29)**

The majority of the HIV tests reported in 2006 were conducted in health care settings (76%). Overall, the percentage of HIV-positive tests and newly identified HIV-positive tests was higher in non-health care settings (0.3% and 0.3%, respectively) than in health care settings (0.2% and 0.2%, respectively). The highest percentages of HIV-positive and newly identified HIV-positive tests were reported in hospitals or private medical doctors' offices (0.6% and 0.6%, respectively).

#### **HIV testing among adolescents by PS07-768 status (Table 30)**

Overall, higher numbers of HIV tests were conducted in health departments receiving PS07-768 funds (74,459) than among those not receiving PS07-768 funds (7,058). Among the funded PS07-768 health departments, Chicago had the highest percentages of HIV-positive tests and newly identified HIV-positive tests (1.0% and 0.9%, respectively).



## **E. National Hospital Ambulatory Medical Care Survey (NHAMCS)**

### **Trends in HIV tests ordered among patients' visits at EDs (Table 31)**

The percentage of visits among patients aged 18-64 years who were ordered an HIV serology test at an ED increased from 2002 to 2005 and then decreased from 2005 to 2006. In 2006, 0.285% of patients' visits (an estimated 215,544) had an HIV serology test ordered at an ED.

### **HIV tests ordered among patients' visits at EDs by demographic and health care coverage characteristics (Table 32)**

Overall, the analysis of 2002-2006 pooled data, which included 112,039 visits at EDs, showed that 0.339% (estimated 234,605) of patients' visits had an HIV serology test ordered. The percentage of patients' visits that had an HIV serology tests ordered was highest among patients aged 25-34 years (0.407%), men (0.401%), Hispanics or Latinos (0.616%), blacks or African Americans (0.609%), patients tested at EDs located in hospitals in the Northeast (0.790%), women who also had a pregnancy test ordered during the visit (0.638%), and patients who did not have health insurance coverage (0.411%).

## **F. National Health and Nutrition Examination Survey (NHANES)**

### **HIV testing trends among adults (Table 33)**

The percentages of adults aged 18-64 years who had ever been tested for HIV slightly increased from the 2001-2002 survey to the 2005-2006 survey. In the 2005-2006 survey, 42.3% (an estimated 22,785,406) of adults had ever been tested for HIV.

### **HIV testing among adults by demographic characteristics (Table 34)**

The analysis of 2001-2002, 2003-2004, and 2005-2006 pooled data, which included 11,358 persons, showed that 39.9% of adults had ever been tested. The percentage of adults who had ever been tested was highest among adults aged 25-34 years (52.5%), women (43.2%), blacks or African Americans (54.8%), and persons living with a partner (49.5%) or separated (48.5%).

### **HIV testing among adults by socio-economic characteristics (Table 35)**

The percentage of adults who had ever been tested was highest among adults who were a college graduate (44.4%) and had an annual income of less than \$15,000 (46.5%).

### **HIV testing among adults by health care coverage or access and HIV-related characteristics (Table 36)**

The percentage of adults who had ever been tested was highest among adults who had health care coverage (40.4%), had a place to go for health care needs (40.7%), reported hospital outpatient department as the type of place most visited for health care needs (53.6%), received health care services 10-12 times (53.9%) or 13 or

more times (53.2%) in the past year, and had their last health care visit 1-3 years ago (36.4%).

#### **Trends of HIV seroprevalence among adults (Table 37)**

The seroprevalence rate was constant for the last three surveys at 0.5% each year.

#### **HIV seroprevalence among adults by demographic characteristics (Table 38)**

The HIV seroprevalence rate was highest among adults aged 45-49 years (1.9%), men (0.7%), and blacks (1.3%).

### **G. National Health Interview Survey (NHIS)**

#### **HIV testing trends among adults (Tables 39 and 40)**

The percentage of adults aged 18-64 years who had ever been tested for HIV and who had tested in the last 12 months was stable from 2002 to 2006. In 2006, 40.4% (an estimated 71,468,420) of adults had ever been tested, and 10.4% (an estimated 17,775,006) had tested in the last 12 months.

#### **HIV testing among adults by demographic characteristics (Table 41)**

Overall, the analysis of 2002-2006 pooled data, which included 115,765 persons, showed that 39.8% of adults had ever been tested and 10.3% of adults had tested in the last 12 months. The percentage of adults who had ever been tested was highest among adults aged 25-34 years (54.7%), women (43.7%), Hispanics or Latinos (41.8%), blacks or African Americans (56.0%), persons living with a partner (53.1%) or separated (53.0%), persons living in the South (43.2%), and women who were pregnant at the time of the interview (78.7%). The percentage of adults who had tested in the last 12 months was highest among adults aged 25-34 years (15.1%) or 18-24 years (15.0%), women (11.8%), Hispanics or Latinos (12.3%), blacks or African Americans (20.5%), persons living with a partner (15.2%) or separated (15.1%), persons living in the South (12.5%), and women who were pregnant at the time of the interview (56.4%).

#### **HIV testing among adults by socio-economic characteristics (Table 42)**

The percentage of adults who had ever been tested was highest among adults who had a college graduate education (43.4%), and had an annual income between \$10,000 and \$19,999 (43.7%) or less than \$10,000 (43.4%). The percentage of adults who had tested in the last 12 months was highest among adults who had less than a high school education (11.2%) or had some college education (11.1%) and had an annual income of less than \$10,000 (15.8%).

#### **HIV testing among adults by health care coverage and HIV-related characteristics (Table 43)**

The percentage of adults who had ever been tested was highest among adults who did not have health care coverage (41.3%), acknowledged any of the behavioral risk factors associated with HIV (69.6%), reported a high chance of getting HIV (66.2%), and were diagnosed with an STD in the past five years (77.4%). Among adults ever tested for HIV, 26.2% reported a routine medical check-up or hospital



surgical procedure as the main reason for testing, and 93.5% had the test administered by a nurse or a health worker. The percentage of adults who had tested in the last 12 months was similar among those with or without health care coverage (10.2% vs. 10.8%, respectively). The percentage of adults who had tested in the last 12 months was highest among adults who acknowledged the presence of any behavioral risk factor associated with HIV (22.2%), reported a high chance of getting HIV (22.4%), and were diagnosed with an STD in the past five years (30.9%). Among adults tested in the last 12 months, 38.1% reported a routine medical check-up or hospital surgical procedure as the main reason for testing and 95.1% had the test administered by a nurse or a health worker.

#### **HIV testing among adults by setting type (Table 44)**

The percentage of adults who had ever been tested and who had tested in the last 12 months who were last tested in health care settings (81.3% and 82.0%, respectively) was higher than in non-health care settings (18.7% and 18.0%, respectively). Among the health care settings, private doctors or health maintenance organizations conducted the highest percentage of tests among adults who had ever been tested (50.2%) and who had tested in the last 12 months (50.6%).

#### **HIV testing trends among pregnant women (Tables 45)**

The percentage of pregnant women aged 18-49 years who had tested in the last 12 months ranged from 50.7% to 60.7% during 2002-2006. In 2006, 60.7% (an estimated 1,357,794) of pregnant women had tested in the last 12 months.

#### **HIV testing among pregnant women by demographic characteristics (Table 46)**

The analysis of 2002-2006 pooled data, which included 1,581 women aged 18-49 years who were pregnant at the time of the interview, showed that 56.4% (estimated 1,303,281) of pregnant women had tested in the last 12 months. The percentage of pregnant women who had tested in the last 12 months was highest among pregnant women who were aged 18-24 years (65.0%), Hispanics or Latinos (56.7%), blacks or African Americans (70.9%), persons never married (72.1%), and persons living in the South (61.4%).

#### **HIV testing among pregnant women by socio-economic characteristics (Table 47)**

The percentage of pregnant women who had tested in the last 12 months was highest among pregnant women who had some college education (61.5%) or were a high school graduate (61.2%) and had an annual income of less than \$10,000 (66.6%).

#### **HIV testing among pregnant women by health care coverage and HIV-related characteristics (Table 48)**

The percentage of pregnant women who had tested in the last 12 months was highest among persons who had health care coverage (57.4%), reported low or no chances of getting HIV (56.8% and 56.7%, respectively), and were diagnosed with an STD in the past five years (64.4%). Among pregnant women tested in the

last 12 months, 82.2% reported pregnancy or delivery of a baby as the main reason for testing.

#### **HIV testing among pregnant women by setting type (Table 49)**

The percentage of pregnant women who had tested in the last 12 months who last tested in health care settings (93.1%) was higher than in non-health care settings (6.9%). Among the health care settings, private doctors or health maintenance organizations conducted the highest percentage (68.8%).

## **H. National Survey of Family Growth (NSFG)**

#### **HIV testing among adults by demographic characteristics (Table 50)**

In 2002, among 11,179 adults aged 18-44 years who participated in the survey, 54.5% (an estimated 59,999,358) of adults had ever been tested for HIV and 16.7% (an estimated 18,253,437) of adults had tested in the last 12 months. The percentage of adults who had ever been tested was highest among adults aged 25-34 years (62.8%), women (59.0%), non-Hispanics or Latinos (54.7%), blacks or African Americans (58.7%) or Native Hawaiians or Pacific Islanders (58.7%), persons separated (71.0%), and women who were pregnant at the time of the interview (82.6%). The percentage of adults who had tested in the last 12 months was highest among adults aged 25-34 years (19.6%), women (17.8%), Hispanics or Latinos (20.2%), blacks or African Americans (26.7%), persons separated (24.2%), and women who were pregnant at the time of the interview (55.7%).

#### **HIV testing among adults by socio-economic characteristics (Table 51)**

The percentage of adults who had ever been tested was highest among adults who had less than a high school education (55.8%) and had an annual household income between \$35,000 and \$49,000 (58.2%). The percentage of adults who had tested in the last 12 months was highest among adults who had less than a high school education (19.6%), had an annual household income of less than \$15,000 (21.4%), and were in the 0-149 percentage of poverty level (19.8%).

#### **HIV testing among adults by health care coverage and HIV-related characteristics (Table 52)**

The percentage of adults who had ever been tested was highest among adults who were any time in the last 12 months without health care coverage (58.0%). Among adults tested in the last 12 months, 70.4% did not talk to a doctor about AIDS after the test was done and 32.0% were tested just to find out if were infected. The percentage of adults who had tested in the last 12 months was highest among adults who were any time in the last 12 months without health care coverage (17.7%). Among adults tested in the last 12 months, 71.4% did not talk to a doctor about AIDS after the test was done and 33.6% were tested just to find out if were infected.

#### **HIV testing among adults by sexual orientation and HIV risk factors (Table 53)**

The percentage of adults who had ever been tested was highest among adults who reported being homosexual (70.5%), had six or more (67.8%) or four (67.3%) sex partners in the last 12 months, received counseling for or were tested or treated

for an STD in the last 12 months (80.6%), were a female who in the last 12 months had sex with a partner who was having sex with other males (74.1%), had sex in the last 12 months with a male or female who was having sex with others (61.0%), was always high on alcohol or drugs in the last 12 months while having sex (64.1%), had sex in the last 12 months with a male or female who takes or shoots street drugs using a needle (68.6%), had sex in the last 12 months for money or drugs (73.9%), gave money or drugs to a male or female in the last 12 months to have sex with him or her (66.1%), and had sex in the last 12 months with an HIV-infected male or female (75.8%). Similar results were observed among those tested in the last 12 months. The percentage of adults who had tested in the last 12 months was highest among adults who reported being homosexual (33.6%), had four (37.0%) or six or more (32.3%) sex partners, received counseling for or were tested or treated for an STD (54.0%), were a female who had sex with a partner who was having sex with other males (24.0%), had sex with a male or female who was having sex with others (26.6%), was always or often high on alcohol or drugs while having sex (23.4% and 23.3%, respectively), had sex with a male or female who takes or shoots street drugs using a needle (29.6%), had sex for money or drugs (29.6%), and gave money or drugs to a male or female to have sex with him or her (21.4%).

#### **HIV testing among adults by setting type (Table 54)**

The percentage of adults who had ever been tested and who had tested in the last 12 months last tested in health care settings (79.7% and 78.5%, respectively) was higher than in non-health care settings (20.3% and 21.5%, respectively). Among the health care settings, private doctors' offices conducted the highest percentage of tests among adults who had ever been tested (39.2%) and who had tested in the last 12 months (39.5%).

#### **HIV testing among adolescents by demographic characteristics (Table 55)**

In 2002, among 1,301 adolescents aged 15-17 years who participated in the survey, 14.9% of adolescents had ever been tested and 8.3% of adolescents had tested in the last 12 months. The percentage of adolescents who had ever been tested was highest among adolescents aged 17 years (19.4%), women (15.4%), Hispanics or Latinos (16.6%), and blacks or African Americans (23.4%). Similarly, the percentage of adolescents who had tested in the last 12 months was highest among females (9.1%) and blacks or African Americans (11.3%).

#### **HIV testing among adolescents by health care coverage and HIV-related characteristics (Table 56)**

The percentage of adolescents who had ever been tested was highest among adolescents who were any time in the last 12 months without health care coverage (23.5%). Among adolescents ever tested, 73.7% did not talk to a doctor about AIDS after the test was done and 49.2% were tested just to find out if they were infected. Similarly, among adolescents tested in the last 12 months, 72.1% did not talk to a doctor about AIDS after the test was done and 48.8% were tested just to find out if they were infected.

#### **HIV testing among pregnant women by demographic characteristics (Table 57)**

In 2002, among 330 pregnant women aged 18-44 years who participated in the survey, 55.7% had tested in the last 12 months. The percentage of pregnant women who had tested in the last 12 months was highest among pregnant women who were aged 18-24 years (62.9%), Hispanic or Latino (63.5%), black or African American (67.7%), and living with a partner (69.0%).

#### **HIV testing among pregnant women by socio-economic characteristics (Table 58)**

The percentage of pregnant women who had tested in the last 12 months was highest among pregnant women who had less than a high school education (67.7%), had an annual household income between \$15,000 and \$24,999 (74.2%), and were in the 150-299 percentage of poverty level (63.9%).

#### **HIV testing among pregnant women by health care coverage and HIV-related characteristics (Table 59)**

The percentage of pregnant women who had tested in the last 12 months was highest among pregnant women who were any time in the last 12 months without health care coverage (59.2%), received counseling for or were tested or treated for an STD in the last 12 months (78.3%), were in the second trimester of a pregnancy (68.4%), and had four or more pregnancies (62.0%). Among pregnant women tested in the last 12 months, 83.8% did not talk to a doctor about AIDS after the test was done.

#### **HIV testing among pregnant women by setting type (Table 60)**

Private doctors' offices conducted the highest percentage tests among pregnant women who had tested in the last 12 months (66.1%).

### **I. Pregnancy Risk Assessment Monitoring System (PRAMS)**

#### **HIV testing among women who were tested during pregnancy or delivery by state (Table 61)**

The percentage of pregnant women who were tested for HIV during pregnancy or delivery varied by state. From 2002-2006, among all participating states, New York State had the highest percentages (ranged from 86.8% to 94.8%), and Utah had the lowest percentages (ranged from 38.4% to 40.5%).

### **J. Youth Risk Behavior Survey (YRBS)**

#### **HIV testing among adolescents by demographic characteristics (Table 62)**

In 2005, among 9,100 adolescents aged 13-17 years who participated in the survey, 11.6% of adolescents had ever been tested for HIV. The percentage of adolescents who had ever been tested was highest among adolescents aged 17 years (14.8%), females (12.5%), blacks or African Americans (19.6%), and students who were in the 12<sup>th</sup> grade (13.8%).

### **HIV testing among adolescents by HIV-related characteristics (Table 63)**

The percentage of adolescents who had ever been tested was highest among adolescents who received HIV/AIDS education in school (11.9%), ever had sexual intercourse (19.9%), had sex before age 13 (28.2%), had sex with 4 or more people in their lifetime (31.8%), used alcohol or drugs before last sexual intercourse (22.6%), had ever injected drugs (31.3%), and had a history of drug use (ecstasy [31.1%], heroin [29.5%], cocaine [26.1%], methamphetamine [25.6%], illegal steroid pills or shots [21.4%], and marijuana [18.5%]).

## **K. HIV Surveillance System**

### **Trends in diagnoses of HIV infections and AIDS cases among adults (Tables 64 and 65)**

During 2002-2006 about 97% of HIV infections and AIDS cases were among adults aged 18-64 years. Rates of new diagnoses of HIV infection and AIDS (cases per 100,000 population) slightly decreased during the same time period.

### **HIV infections among adults by demographic characteristics (Table 66)**

In 2006, higher rates of HIV diagnoses from 33 states were reported among adults aged 35-39 years (39.5) or 40-44 years (39.0), males (41.0), and blacks or African Americans (102.7). Among males, the highest percentage of HIV diagnoses was attributable to male-to-male sexual contact (69.9%), while among females, the highest percentage of HIV diagnoses were attributable to high-risk heterosexual contact (81.4%).

### **AIDS cases among adults by demographic characteristics (Table 67)**

In 2006, higher rates of AIDS diagnoses from all 50 states and District of Columbia were reported among adults aged 40-44 years (31.7) or 35-39 years (29.3), males (27.1), and blacks or African Americans (73.2). Among males, the highest percentage of AIDS cases was attributable to male-to-male sexual contact (62.5%), while among females, the highest percentage of AIDS cases was attributable to high-risk heterosexual contact (73.8%).

### **Trends of HIV infections and AIDS cases among adolescents (Tables 68 and 69)**

The percentage of HIV infections and AIDS cases among adolescents aged 13-17 years diagnosed during 2002-2006 remained steady at 1% and less than 1%, respectively. The rates of new diagnoses of HIV infection and AIDS cases ranged from 2.5-3.1 and from 0.9-1.1, respectively.

### **HIV infections among adolescents by demographic characteristics (Table 70)**

In 2006, higher rates of HIV diagnoses from 33 states were reported among blacks or African Americans (13.6). Among adolescent males, the highest percentage of HIV diagnoses was attributed to male-to-male sexual contact (85.4%), while among adolescent females, the highest percentage of HIV diagnoses was attributed to high-risk heterosexual contact (90.0%).

### **AIDS cases among adolescents by demographic characteristics (Table 71)**

In 2006, higher rates of AIDS diagnoses from all 50 states and District of Columbia were reported among males (1.1) and blacks or African Americans (4.8). Among adolescent males, the highest percentage of AIDS cases was attributable to male-to-male sexual contact (49.2%), while among adolescent females, the highest percentage of AIDS cases was attributable to “other” risk factor (64.3%).

#### **Trends of HIV infections and AIDS cases among women of childbearing age (Tables 72 and 73)**

The percentage and diagnoses rates for both HIV infections and AIDS cases among women of childbearing age (18-44 years) has steadily decreased from 2002 to 2006. In 2006, the HIV diagnosis rate was 17.4, and the AIDS diagnosis rate was 10.9.

#### **HIV infections among women in childbearing age by demographic characteristics (Table 74)**

In 2006, higher rates of HIV diagnoses from 33 states were reported among women of childbearing age older than 25 years (25-29 years [18.3], 30-34 years [18.6], 35-39 years [18.8], and 40-44 years [18.5]), and blacks or African Americans (75.6). The highest percentage of HIV diagnoses was attributed to high-risk heterosexual contact (83.4%).

#### **AIDS cases among women of childbearing age by demographic characteristics (Table 75)**

In 2006, higher rates of AIDS diagnoses from all 50 states and District of Columbia were reported among women of childbearing age who were 40-44 years (15.5) or 35-39 years (14.9) and were black or African American (51.6). The highest percentage of AIDS cases was attributed to high-risk heterosexual contact (76.6%).



## IV. HIGHLIGHTS OF RESULTS ACROSS DATA SOURCES WITH SIMILAR QUESTIONS

This section presents a summary of findings for the main national estimates across the population-based surveys (i.e., BRFSS, KFF, GSS, NHANES, NHIS, NSFG, and YRBS), for which the measures are similar for percentage of persons who had ever been tested and who had tested in the last 12 months. For HIV CT, NHAMCS, PRAMS, and HIV Surveillance findings, please refer to the results section of this report.

### A. Ever been tested for HIV

- The trends in the percentage of adults who had ever been tested for HIV among adults living in the United States varied by data source. BRFSS showed a decrease in the percentage of adults who had ever been tested from 2002 to 2006, but these decreasing trends have also been observed for other health conditions due to fewer people reached through landline telephones.<sup>48</sup> NHANES showed a slight increase from the 2001-2002 survey to the 2005-2006 survey. NHIS showed stable trends from 2002 to 2006.
- The percentage of adults who had ever been tested ranged from 36.0% to 54.5% in six surveys for the most recent year available.
- The percentage of adolescents who had ever been tested ranged from 4.6% to 11.6% in two surveys.
- The percentage of adults who had ever been tested by demographic characteristics was highest among adults aged 25-34 years (ranged from 52.5% to 68.3% in four surveys) or aged 35-44 years (ranged from 55.0% to 62.8% in two surveys), women (ranged from 43.2% to 59.0% in six surveys), Hispanics or Latinos (ranged from 41.8% to 54.8% in four surveys) or non-Hispanics or Latinos (54.7% in one survey), blacks or African Americans (ranged from 53.9% to 70.1% in six surveys), persons living in the South (ranged from 43.2% to 56.4% in three surveys) or persons living in the West (46.4% in one survey), and women who were pregnant at the time of interview (ranged 75.9% to 82.6% in three surveys).
- The percentage of adolescents who had ever been tested by demographic characteristics was highest among females (ranged from 12.5% to 15.4% in two surveys), Hispanics or Latinos (16.6% in one survey), and blacks or African Americans (ranged from 19.6% to 23.4% in two surveys).
- The highest percentage of adults who had ever been tested was last tested in health care settings (ranged from 79.7% to 86.6% in four surveys). Among the health care settings, private doctors' offices or health maintenance organizations (ranged from 42.2% to 51.9% in three surveys) or private doctors' offices only (39.2% in one survey) conducted the highest percentages.
- The percentage of adults who had ever been tested was highest in PS07-768 funded jurisdictions (ranged from 43.6% to 55.4% in two surveys). Among the funded PS07-768 jurisdictions, District of Columbia (66.1% in one survey) and South Carolina (71.8% in one survey) had the highest percentages.

## **B. Tested in the last 12 months**

- From 2002 to 2006, BRFSS showed a decrease in percentages of adults tested in the last 12 months among adults living in the United States, while NHIS showed stable trends for the same time period.
- The percentage of adults tested in the last 12 months ranged from 10.2% to 20.3% in five surveys for the most recent year available.
- The percentage of adolescents tested in the last 12 months was 8.3% (in one survey).
- Based on BRFSS, the percentage of pregnant women who had tested in the last 12 months decreased from 2002 to 2006, while NHIS showed an increase in the percentage of pregnant women who had tested in the last 12 months from 2002 to 2006.
- The percentage of pregnant women tested in the last 12 months ranged from 51.2% to 60.7% in three surveys for the most recent years available.
- The percentage of adults who had tested in the last 12 months by demographic characteristics was highest among adults aged 18-24 years (ranged from 19.3% to 29.7% in three surveys) or aged 25-34 years (ranged from 15.1% to 19.6% in two surveys), women (ranged from 11.8% to 21.7% in five surveys), Hispanics or Latinos (ranged from 12.3% to 28.8% in five surveys), blacks or African Americans (ranged from 20.5% to 40.0% in five surveys), persons living in the South (ranged from 12.5% to 23.3% in three surveys) or persons living in the Midwest (14.3% in one survey), and women who were pregnant at the time of the interview (ranged from 55.7% to 57.4% in three surveys).
- The percentage of adolescents who had tested in the last 12 months by demographic characteristics was highest among females (9.1% in one survey) and blacks or African Americans (11.3% in one survey).
- The percentage of pregnant women who had tested in the last 12 months by demographic characteristics was highest among pregnant women aged 18-24 years (ranged from 61.2% to 65.0% in three surveys), Hispanics or Latinas (ranged from 56.7% to 63.5% in three surveys), blacks or African Americans (ranged from 67.7% to 70.9% in three surveys), and persons living in the South (61.4% in two surveys).
- The highest percentage of adults who had tested in the last 12 months were last tested in health care settings (ranged from 78.5% to 88.5% in five surveys). Among the health care settings, private doctors' offices or health maintenance organizations (ranged from 41.4% to 51.9% in three surveys) or private doctors' offices only (ranged from 39.5% to 47.0% in two surveys) conducted the highest percentages.
- The highest percentage of adults who had tested in the last 12 months were tested in PS07-768 funded jurisdictions (ranged from 14.2% to 22.6% in two surveys). Among the PS07-768 funded jurisdictions, District of Columbia (33.3% in one survey) and Maryland (32.1% in one survey) had the highest percentages.



## V. CONCLUSION

This report provides the baseline estimates of HIV testing in the United States using the findings from nine data sources collecting HIV testing information and HIV/AIDS surveillance data, which are used to help monitor the epidemic in the United States. Across the HIV testing data sources, the findings showed that the percentage of persons tested for HIV was generally higher among

- persons aged 25-44 years,
- women,
- Hispanics or Latinos,
- blacks or African Americans,
- persons living in the South,
- persons acknowledging behaviors associated with a high risk of acquiring HIV,
- women who were pregnant,
- persons living in a PS-07-768 funded jurisdiction

The majority of persons were last tested in a health care setting. Through ongoing monitoring of HIV testing and HIV/AIDS diagnoses, DHAP will be able to strategically focus resources for HIV testing in order to reach persons most affected by HIV.

An analysis plan for monitoring HIV testing over time among adults, adolescents, and pregnant women was developed as part of the AHITS project. This plan includes three of the data sources included in this analysis: BRFSS, NHIS, and YRBS. BRFSS and NHIS were proposed to monitor national estimates for ever tested for HIV and tested for HIV in the last 12 months among adults and pregnant women. Also, BRFSS was presented as the data source to monitor percentages of adults ever tested and tested in the last 12 months at the state level. Finally, YRBS was proposed as the data source to monitor percentages of adolescents ever tested for HIV.

## VI. LIMITATIONS

There are several general limitations associated with this analysis. First, the information collected by the population-based surveys is self-reported, which is subject to recall bias and underreporting of personal information such as risk behaviors associated with HIV. Second, these surveys included only participants living in households and potentially excluded other participants with higher risks for HIV (e.g., homeless and incarcerated persons). Third, telephone surveys, such as BRFSS and KFF, are subject to noncoverage bias because minority and low-income households are less likely to have landline telephones. Fourth, the information collected by NHAMCS and HIV/AIDS surveillance is through medical record abstraction, which depends on data source completeness. Fifth, the HIV CT System collected test-level data and not client-level data, and persons receiving services at CDC-sites do not represent all persons living in the United States. Sixth, percentages of pregnant women tested for HIV might be underestimated

from BRFSS, NHIS, and NSFG because they only account for women that are currently pregnant and not for those who were pregnant or will be pregnant during the year. Finally, comparing results across several surveys, which use different methodologies, is inherently limiting.

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## APPENDIX A: DATA SOURCE ACCESS

Data source	Agency/Center/Division/Branch	Availability
<b>Behavioral Risk Factor Surveillance System (BRFSS)</b>	CDC/ National Center for Chronic Disease Prevention and Health Promotion/ Division of Adult and Community Health	Public access:  <a href="http://www.cdc.gov/brfss/technical_infodata/surveydata.htm">http://www.cdc.gov/brfss/technical_infodata/surveydata.htm</a>
<b>Survey of Americans on HIV/AIDS, Kaiser Family Foundation (KFF)</b>	Princeton Survey Research Associates International	Limited access:  Data sets were available for a fee.
<b>General Social Survey (GSS)</b>	National Opinion Research Center, University of Chicago	Public access:  <a href="http://www.norc.org/GSS+Website/Download/STATA+v8.0+Format/">http://www.norc.org/GSS+Website/Download/STATA+v8.0+Format/</a>
<b>HIV Counseling and Testing (HIV CT) System</b>	CDC/ National Center for HIV/AIDS, Hepatitis, STD, and Tuberculosis Prevention/ Division of HIV/AIDS Prevention/ Program Evaluation Branch	Limited access:  A data request was submitted to obtain populated tables.
<b>National Hospital Ambulatory Medical Care Survey (NHAMCS)</b>	CDC/ National Center for Health Statistics/National Health Care Surveys	Public access:  <a href="ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHAMCS/">ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHAMCS/</a>
<b>National Health and Nutrition Examination Survey (NHANES)</b>	CDC/ National Center for Health Statistics	Public access:  <a href="http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm">http://www.cdc.gov/nchs/nhanes/nhanes_questionnaires.htm</a>
<b>National Health Interview Survey</b>	CDC/ National Center for Health Statistics	Public access:  <a href="http://www.cdc.gov/nchs/nhis/quest_data_related_1997_forward.htm">http://www.cdc.gov/nchs/nhis/quest_data_related_1997_forward.htm</a>
<b>National Survey of Family Growth (NSFG)</b>	CDC/ National Center for Health Statistics	Public access:  <a href="http://www.cdc.gov/nchs/nsfg/nsfg_cycle6.htm">http://www.cdc.gov/nchs/nsfg/nsfg_cycle6.htm</a>  Limited access:  Current and past behavior related to the risk of acquiring

STDs and HIV was part of the ACASI data file, which was available for researchers only after submitting a request.

**Pregnancy Risk Assessment  
Monitoring System (PRAMS)**

CDC/ Division of Reproductive Health

Public access:

CPONDER is a web-based query system limited to some categorical variables collected through PRAMS surveys. <http://www.cdc.gov/prams/CPONDER.htm>

Limited access:

A mini-proposal is required for researchers wanting to conduct an analysis on multiple states.

**Youth Risk Behavior Survey  
(YRBS)**

CDC/ National Center for Chronic  
Disease Prevention and Health  
Promotion/ Division of Adolescent and  
School Health

Public access:

<http://www.cdc.gov/HealthyYouth/yrbs/data/history.htm>

**HIV Surveillance System**

CDC/ National Center for HIV/AIDS,  
Hepatitis, STD, and Tuberculosis  
Prevention/ Division of HIV/AIDS  
Prevention/ HIV Incidence and Case  
Surveillance Branch

Limited access:

A data request was submitted to obtain populated tables.

## APPENDIX B: MEASURE BY HIV TESTING DATA SOURCES

Measures	BRFSS	KFF	GSS	HIV CTS	NHAMCS	NHANES	NHIS	NSFG	PRAMS	YRBS
<b>Population group</b>										
Adults	X	X	X	X	X	X	X	X		
Adolescents				X				X		X
Pregnant women	X					X	X	X	X	
<b>HIV testing</b>										
Ever tested	X	X	X			X	X	X		X
Tested in the last 12 months	X	X	X				X	X	X	
Seropositivity/test ordered				X	X	X				
<b>Demographics</b>	X	X	X	X	X	X	X	X		X
<b>Socio-economic</b>	X	X	X			X	X	X		
<b>Health care coverage/access</b>	X				X	X	X	X		
<b>HIV-related/testing characteristics</b>	X	X		X			X	X		X
<b>Setting type</b>										
Health care	X	X	X	X			X	X		
Non-health care	X	X	X	X			X	X		
<b>State</b>	X	X		X					X	

## APPENDIX C: QUESTIONS AND VARIABLES BY HIV TESTING DATA SOURCES

BRFSS			
Question ID	Question wording	Analysis variable	Notes
2002=17.04 2003=20.04 2004=20.03 2005=19.01 2006=21.01	If respondent is 65 years old or older, go to next section Have you ever being tested for HIV? Do not count tests you may have had as part of a blood donation. (Include saliva tests) 1= Yes 2= No (Go to HIVRISK2) 7= Don't know (Go to HIVRISK2) 9= Refused (Go to HIVRISK2)	2002=HIVTST3 2003=HIVTST3 2004=HIVTST4 2005=HIVTST5 2006=HIVTST5	Question has been asked the same way in all years; however, in 2006 it asked to include "testing fluid from your mouth" instead of "saliva tests"
2002=17.05 2003=20.05 2004=20.05 2005=19.02 2006=21.02	Not including blood donations, in what month and year was your last HIV test? Interviewer note: if response is before January 1985, code as "don't know" ____/____ (Code month and year) 7777777 Don't know 9999999 Refused	HIVTSTD2	
2002=12.01 2003=14.01 2004=13.01 2005=13.01 2006=11.01	What is your age? Age 18-24 (Notes: __code age in years) Age 25-34 Age 35-44 Age 45-54 Age 55-64 Age 65 or older 7= Don't know/not sure 9= Refused	AGE	
2002=12.15 2003=14.17 2004=13.16 2005=13.17 2006=11.17	If respondent 45 years old or older, go to next section Indicate sex of respondent 1= Male (go to next section) 2= Female	SEX	
2002=12.02 2003=14.02 2004=13.02 2005=13.02 2006=11.02	Are you Hispanic or Latino? 1= Yes 2= No 7= Don't know/not sure 9= Refused	HISPANC2	
2002=12.04 2003=14.04 2004=13.04 2005=13.04 2006=11.04	Which one of these groups would you say best represents your race? 1= White 2= Black or African American 3= Asian 4= Native Hawaiian or Other Pacific Islander 5= American Indian, Alaska Native	ORACE2	

# BRFSS

Question ID	Question wording	Analysis variable	Notes
	<p>6= Other, specify</p> <p>7= Don't know/not sure</p> <p>8= Multiracial but preferred race not asked (only in the 2002 survey)</p> <p>9= Refused</p>		
2002=12.05 2003=14.05 2004=13.05 2005=13.05 2006=11.05	<p>Are you</p> <p>1= Married</p> <p>2= Divorced</p> <p>3= Widowed</p> <p>4= Separated</p> <p>5= Never married</p> <p>6= A member of an unmarried couple</p> <p>9= Refused</p>	MARITAL	
	State FIPS Code was used to determine the geographic region of residence.	_STATE	
2002=17.08 2003=20.08 2004=20.10 2005=19.04	<p>I'm going to read you a list. When I'm done, please tell me if any of the situations apply to you. You don't need to tell me which one.</p> <p>You have used intravenous drugs in the past year. You have been treated for a sexually transmitted or venereal disease in the past year. You have given or received money or drugs in exchange for sex in the past year. You had anal sex without a condom in the past year. Do any of these situations apply to you?</p> <p>1= Yes (go to next section)</p> <p>2= No (go to next section)</p> <p>7= Don't know (go to next section)</p> <p>9= Refused (go to next section)</p>	HIVRISK2	
2006=14.11	<p>Tell me if ANY of these statements is true for YOU. Do NOT tell me WHICH statement or statements are true for you, just if ANY of them are:</p> <p>You have hemophilia and have received clotting factor concentrate: You are a man who has had sex with other men, even just one time: You have taken street drugs by needle, even just one time: You traded sex for money or drugs, even just one time: You have tested positive for HIV: You have had sex (even just one time) with someone who would answer "yes" to any of these statements: You had more than two sex partners in the past year: Are any of these statements true for you?</p> <p>1= Yes (go to next section)</p> <p>2= No (go to next section)</p>	HEPBRSN	

# BRFSS

Question ID	Question wording	Analysis variable	Notes
	7= Don't know (go to next section) 9= Refused (go to next section)		
2002=12.16 2003=14.18 2004=13.17 2005=13.18 2006=11.18	To your knowledge, are you now pregnant? 1= Yes (go to next section) 2= No (go to next section) 7= Don't know/not sure (go to next section) 9= Refused (go to next section)	PREGNANT	
2002=12.07 2003=14.07 2004=13.07 2005=13.07 2006=11.07	What is the highest grade or year of school you completed? 1= Never attended school or only kindergarten 2= Grades 1-8 (Elementary) 3= Grades 9-11 (Some high school) 4= Grade 12 or GED (High school graduate) 5= College 1 year to 3 years (Some college or technical school) 6= College 4 years or more (College graduate) 9= Refused	EDUCA	
2002=12.09 2003=14.09 2004=13.09 2005=13.09 2006=11.09	Is your annual household income from all sources: (If respondent refuses at any income level, code "Refused.") 1= Less than \$10,000 2= Less than \$15,000 3= Less than \$20,000 4= Less than \$25,000 5= Less than \$35,000 6= Less than \$50,000 7= Less than \$75,000 8= \$75,000 or more 77= Don't know/not sure 99= Refused	INCOME2	
2002=2.01 2003=2.01 2004=3.01 2005=3.01 2006=3.01	Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare? 1= Yes 2= No 7= Don't know/not sure 9= Refused	HLTHPLAN	
2002=2.02 2003=2.02 2004=3.02 2005=3.02	Do you have one person you think of as your personal doctor or health care provider? (If "No" ask "Is there more than one or is there no person who you think of?")	PERSDOC2	

## BRFSS

Question ID	Question wording	Analysis variable	Notes
2006=3.02	1= Yes, only one (go to next section) 2= More than one (go to next section) 3= No (go to next section) 7= Don't know/not sure (go to next section) 9= Refused (go to next section)		
2002=7.01 2005=3.04 2006=3.04	About how long has it been since you last visited a doctor for a routine checkup? [A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition.] 1= Within the past year (< 12 months ago) 2= Within the past 2 years (1 year but < 2 years ago) 3= Within the past 5 years (2 years but < 5 years ago) 4= 5 or more years ago 7= Don't know/not sure 8= Never 9= Refused	CHECKUP	
2002=17.06 2003=20.6 2004=20.06	I am going to read you a list of reasons why some people have being tested for HIV. Not including blood donations, which of these would you say was the main reason for your last HIV test? 1= It was required 2= Someone suggested you should be tested 3= You thought you may have gotten HIV through sex or drug use 4= You just wanted to find out whether you had HIV 5= You were worried that you could give HIV to someone 6= You were pregnant 7= It was done as part of a routine medical check-up 8= Some other reason 77= Don't know/not sure 99= Refused	RSNTST4	
2006=21.04	Was it a rapid test where you could get your results within a couple of hours? 1= Yes 2= No 7= Don't know/not sure 9= Refused	HIVRDTST	



## BRFSS

Question ID	Question wording	Analysis variable	Notes
2002=17.07 2003=20.07 2004=20.07 2005=19.03 2006=21.03	Where did you have your last HIV test: at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at home, or somewhere else? 1= Private doctor or HMO 2= Counseling and testing site 3= Hospital 4= Clinic 5= In a jail or prison (or other correctional facility) 6= Drug treatment facility (coded as 8 in the 2005 survey) 7= At home (coded as 6 in the 2005 survey) 8= Somewhere else (coded as 7 in the 2005 survey) 77= Don't know/not sure 99= Refused	2002=WHRTST5 2003=WHRTST5 2004=WHRTST6 2005=WHRTST7 2006=WHRTST7	

## KFF

Question ID	Question wording	Analysis variable	Notes
2004=D16 2006=D16	Have you, yourself, ever being tested for HIV? 1 Yes, tested 3 No, never tested 8 Don't know 9 Refused	Ever tested for HIV	
2004=D16a 2006=D16a	Was that in the past 12 months, or not? 1 Yes, in past 12 months 2 No, not in past 12 months 8 Don't know 9 Refused	Test in Last 12 Months	If ever being tested for HIV (D16=1)
2004=D10 2006=D10	What is your age? _____years 97 (97 or more) 99 Don't know/Refused	Age	

KFF

Question ID	Question wording	Analysis variable	Notes
2004=D1 2006=D1	Record Respondent's Sex: 1 Male 2 Female	Sex	
2004=D11 2006=D11	Are you of Hispanic or Latino background, such as Mexican, Puerto Rican, Cuban, or some other Latin American background? 1 Yes 2 No 8 Don't know 9 Refused	Ethnicity	
2004=D12 2006=D12	What is your race? Are you white, black, Asian, or some other race? If R says 'Hispanic' or 'Latino' Ask: Do you consider yourself a WHITE Hispanic/Latino or a Black Hispanic/Latino? Then code as white (1) or black (2). If R refuses to choose between white or black Hispanic, code as other (4) 1 White 2 Black/African American 3 Asian 4 Other or mixed race (SPECIFY) 8 Don't know 9 Refused	Race	
2004=D8 2006=D8	Are you currently married, living as married, divorced, separated, widowed, or have you never been married? 1 Married 2 Living as married 3 Divorced 4 Separated 5 Widowed 6 Never been married 8 (DO NOT READ) Don't know 9 (DO NOT READ) Refused	Marital Status	
2004=D9 2006=D9	What is the LAST grade or class that you COMPLETED in school (DO NOT READ)? 1 None, or grade 1 – 8 2 High school incomplete (grades 9 – 11) 3 High school graduate (grade 12 or GED certificate) 4 Technical, trade or vocational school	Education	

# KFF

Question ID	Question wording	Analysis variable	Notes
	<p>AFTER high school</p> <p>5 Some college, no four-year degree (includes associate degree)</p> <p>6 College graduate (B.S., B.A., or other four-year degree)</p> <p>7 Post-graduate or professional schooling after college (e.g., toward a Master's degree or Ph.D.; law or medical school)</p> <p>9 Refused</p>		
2004=D13 2006=D13	<p>Last year, that is in 200x what was your total family income from all sources, BEFORE taxes?</p> <p>1 Less than \$10,000</p> <p>2 \$10,000 to under \$20,000</p> <p>3 \$20,000 to under \$30,000</p> <p>4 \$30,000 to under \$40,000</p> <p>5 \$40,000 to under \$50,000</p> <p>6 \$50,000 to under \$75,000</p> <p>7 \$75,000 or more</p> <p>8 (DO NOT READ) Don't know</p> <p>9 (DO NOT READ) Refused</p>	Income	
2004=D2 2006=D2	<p>What is your religion – Protestant, Roman Catholic, Jewish, some other religion, or no religion?</p> <p>1 Protestant (Includes Baptist, Christian, Episcopalian, Jehovah's Witness, Lutheran, Methodist, Presbyterian, etc.)</p> <p>2 Roman Catholic/Catholic</p> <p>3 Jewish</p> <p>4 Mormon (Church of Jesus Christ of Latter Day Saints)</p> <p>5 Orthodox Church (Greek Orthodox, Russian Orthodox, etc.)</p> <p>6 Islam/Muslim</p> <p>7 Buddhist</p> <p>8 Hindu</p> <p>9 Other religion (SPECIFY)</p> <p>97 No religion/Atheist/Agnostic</p> <p>98 Don't know</p> <p>99 Refused</p>	Religion	
2004=Q41 2006= Q49	<p>Have you ever talked with a doctor or health care provider about HIV or AIDS?</p>	Ever talked to a doctor about HIV	

# KFF

Question ID	Question wording	Analysis variable	Notes
	1 Yes 2 No 9 Don't know/Refused		
2004=D17 2006=D17	The last time you were tested for HIV, how did you know the test was being done? Did you ASK to be tested for HIV, did the doctor or nurse TELL YOU this test was being done, or was it your IMPRESSION that the test was a routine part of the exam? 1 Asked to be tested 2 Doctor/Nurse told me 3 Under the impression it was a routine part of the exam 4 Tested as part of blood donation/blood drive (VOL) 8 Don't know 9 Refused	How did you know the test was being conducted	If ever being tested for HIV (D16=1)
2006=D19	Did you get your test results? 1 Yes 2 No	Did you get your test results	Asked in 2006 only. If tested within the past year (D16a=1)
2004=D18 2006=D18	Where did you go to get tested? Did you go to... (READ 1 – 4 IN ORDER). 1 An HIV clinic 2 A general health clinic 3 A private doctor's office, OR 4 someplace else (SPECIFY) 5 Home HIV test (VOL – DO NOT READ) 8 Don't know (DO NOT READ) 9 Refused (DO NOT READ)	Where did you get tested	If tested within the past year (D16a=1)

# GSS

Question ID	Question wording	Analysis variable	Notes
1563	Have you ever being tested for HIV? Do not count tests you may have had as part of a blood donation. Include oral test (where they take a swab from your mouth). 1= Yes 2= No 8= Don't know 9= Refused to answer	HIVTEST	
1562 A	Not including blood donations, in what month and year was your last HIV test? 1= 1980-84 2= 1985-89 3= 1990-94 4= 1995-99 5= 2000-present 8= Don't know 9= Refused to answer	HIVTEST1	This variable codes the exact date of the HIV test mentioned in columns 6344-6349. The numbers are collapsed for convenience of display.
13	RESPONDENT'S AGE 1= 10-19 2= 20-29 3=30-39 4= 40-49 5= 50-59 6= 60-69 7= 70-79 8= 80 or over 9= No answer, don't know	AGE	
23	CODE RESPONDENT'S SEX 1= Male 2= Female	SEX	
1062 A	What is your race? Indicate one or more races that you consider yourself to be.  1= White 2= Black or African American 3= American Indian or Alaska Native [SPECIFY] 4= Asian Indian 5= Chinese 6= Filipino 7= Japanese 8= Korean 9= Vietnamese 10= Other Asian [SPECIFY] 11= Native Hawaiian 12= Guamanian or Chamorro 13= Samoan	RACECEN1	

# GSS

Question ID	Question wording	Analysis variable	Notes
	14= Other Pacific Islander [SPECIFY] 15= Some other race [SPECIFY] 16= Hispanic 98= Don't know 99= No answer		
4	Are you currently married, widowed, divorced, separated, or have you never been married? 1= Married 2= Widowed 3= Divorced 4= Separated 5= Never married 9= No answer	MARITAL	
19	RESPONDENT'S DEGREE 0= Less than high school 1= High school 2= Associate/Junior college 3= Bachelor's 4= Graduate 8= Don't know 9= No answer	DEGREE	
50	In which of these groups did your total family income, from all sources, fall last year – 2005 – before taxes, that is. Just tell me the letter. 1= A. UNDER \$1,000 2= B. \$1,000 to \$2,999 3= C. \$3,000 to \$3,999 4= D. \$4,000 to \$4,999 5= E. \$5,000 to \$5,999 6= F. \$6,000 to \$6,999 7= G. \$7,000 to \$7,999 8= H. \$8,000 to \$9,999 9= I. \$10,000 to \$12,499 10= J. \$12,500 to \$14,999 11= K. \$15,000 to \$17,499 12= L. \$17,500 to \$19,999 13= M. \$20,000 to \$22,499 14= N. \$22,500 to \$24,999 15= O. \$25,000 to \$29,999 16= P. \$30,000 to \$34,999 17= Q. \$35,000 to \$39,999 18= R. \$40,000 to \$49,999 19= S. \$50,000 to \$59,999 20= T. \$60,000 to \$74,999 21= U. \$75,000 to \$89,999 22= V. \$90,000 to \$109,999	INCOME06	Total income includes interest or dividends, rent, Social Security, other pension, alimony or child support, unemployment compensation, public aid (welfare), armed forces or veteran's allotment.

## GSS

Question ID	Question wording	Analysis variable	Notes
	23= W. \$110,000 to \$129,999 24= X. \$130,000 to \$149,999 25= Y. \$150,000 or over 26= REFUSED 98= DON'T KNOW		
115	In what religion were you raised? 1= Protestant 2= Catholic 3= Jewish 4= None 5= Other (SPECIFY RELIGION AND/OR CHURCH AND DENOMINATION [See REMARKS below] 6= Buddhism 7= Hinduism 8= Other Eastern 9= Moslem/Islam 10= Orthodox-Christian 11= Christian 12= Native American 13= Inter-Nondenominational 98= Don't know 99= No answer	RELIG16	
1562 B	Where did you have your last HIV test – at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at home, or somewhere else? 1= Private doctor or HMO office 2= Counseling and testing site 3= Hospital 4= Clinic 5= Jail or Prison 6= Home 7= Somewhere else 8= Don't know 9= Refused to answer	HIVTEST2	

## HIV CT

Variable description	Analysis variable	Notes
Test result this visit	RESULT	
Mark one of the following to indicate the final result of the client's HIV test.		



## HIV CT

Variable description	Analysis variable	Notes
0 Negative 1 Positive 2 Inconclusive 3 No Result		
Client previously tested? Mark one of the following codes to indicate if the client was tested previously. 0 No 1 Yes, Negative 2 Yes, Positive 3 Yes, Inconclusive 4 Yes, Unknown	PREVTEST	
Age: A 2-digit numeric code for recoding the client's age. If age is unknown, record 99. If age is less than one year, record 00.	AGE	
Sex 1 Male 2 Female	SEX	
Race/Ethnicity 1 White, not Hispanic 2 Black, not Hispanic 3 Hispanic 4 Asian /Pacific Islander 5 American Indian/Alaskan Native 8 Other 9 Undetermined	RACE	
Project Area: 2-digit Federal Information Processing Standard (FIPS) code of the state/city/territory which describes the location of the site conducting HIV testing	PROJAREA	Project area was used to calculate the geographic region of residence and the PS07-768 status
Mode of transmission 01 MSM IDU 02 MSM 03 Heterosexual IDU 04 Sex partner at risk 05 Child of women with HIV/AIDS 06 STD diagnosis 07 Sex for drugs/money 08 Sex while using non-injecting drugs 09 Hemophilia/blood recipient 10 Victim of sexual assault 11 Health care exposure 12 No acknowledged risk 13 Heterosexual, no other risk	MODE	Created by the CTS System

## HIV CT

Variable description	Analysis variable	Notes
14 Other 15 Not specified		
Site Type: This field includes counseling and testing activity from a variety of sites that may be conducting publicly funded HIV counseling and testing. 01 HIV CTS 02 STD 03 Drug Treatment 04 Family Planning 05 Prenatal/OB 06 TB 07 CHC/PHC 08 Prison/Jail 09 Hosp/Private MD 10 Field Visit 11 Other	SITETYPE	

## NHAMCS

Variable description	Analysis variable	Notes
Diagnostic/Screening Services HIV serology= coded as 24 (2002-2004) and 10 (2005-2006)	HIVSER	
Date of birth Month, Day, Year	AGE_P	Calculated from Date of Birth and Date of Visit
Sex 1 Female 2 Male	SEX	
Ethnicity 1 Hispanic or Latino 2 Not Hispanic or Latino	ETHNIC	
Race – mark (x) one or more. 1 White 2 Black/African American 3 Asian 4 Native Hawaiian/Other Pacific Islander 5 American Indian/Alaska native	RACE	6 – coded if more than one race selected

## NHAMCS

Variable description	Analysis variable	Notes
Diagnostic/Screening Services Pregnancy test= coded as 8 (2002-2004) and 15 (2005-2006)	PREGTEST	
Primary expected source of payment for this visit – Mark (x) one. 1 Private insurance 2 Medicare 3 Medicaid/SCHIP 4 Worker’s Compensation 5 Self-pay 6 No charge/Charity 7 Other 8 Unknown	PAYPRIV PAYMCARE PAYMCAID PAYWKCMP PAYSELF PAYNOCHG PAYOTH PAYDK	Variable stated the same each year. Used to recode health insurance coverage variable. If equal 1, 2, or 3 then ‘Yes’ coverage, else if ‘No’ coverage

## NHANES

Component	Question wording	Analysis variable	Notes
Current Health Status	Except for tests {you/SP} may have had as part of blood donations, {have you/has he/ has she} ever had {your/his/her} blood tested for the AIDS virus infection? 1= Yes 2= No 7= Refused 9= Don't know	HSQ590	This question is asked to participants aged 16 years and older. SP= sample person
Laboratory	HIV antibody test result 1= Positive 2= Negative 7= Indeterminate	LBDHI	
Person level data	Age at Screening Adjudicated 0 to 84 (Range of values) 85	RIDAGEYR	Best age in years of the sample person at time of health screening. Individuals 85 and over are top coded as 85 years of age

## NHANES

Component	Question wording	Analysis variable	Notes
Person level data	Gender of the sample person 1= Male 2= Female	RIAGENDR	
Person level data	Linked NH3 Race and Ethnicity Recode 1= Non-Hispanic white 2= Non-Hispanic black 3= Mexican-American 4= Other race including multiracial 5= Other Hispanic	RIDRETH2	Target gender: males and females Target age: all ages
Person level data	Marital Status 1= Married 2= Widowed 3= Divorced 4= Separated 5= Never married 6= Living with partner 77= Refused 99= Don't know	DMDMARTL	Target gender: males and females Target age: 14+ years
Person level data	Pregnancy status at the time of mobile examination center exam 1= Yes, positive lab pregnancy test or self-reported pregnant at exam 2= Survey participant not pregnant at exam 3= Cannot ascertain if SP is pregnant at exam	RIDEXPRG	Target gender: females Target age: 8-59 years
Person level data	What is the highest grade or level of school {you have/SP has} completed or the highest degree {you have/s/he has} received? 1= Less Than 9th Grade 2= 9-11th Grade (Includes 12th grade with no diploma) 3= High School Grad/GED or Equivalent 4= Some College or associate degree 5= College Graduate or above 7= Refused 9= Don't Know	DMDEDUC2	Target gender: males and females Target age: 20+ years

# NHANES

Component	Question wording	Analysis variable	Notes
Person level data	<p>Total household income (reported as a range value in dollars)</p> <p>1= \$ 0 to \$ 4,999</p> <p>2= \$ 5,000 to \$ 9,999</p> <p>3= \$10,000 to \$14,999</p> <p>4= \$15,000 to \$19,999</p> <p>5= \$20,000 to \$24,999</p> <p>6= \$25,000 to \$34,999</p> <p>7= \$35,000 to \$44,999</p> <p>8= \$45,000 to \$54,999</p> <p>9= \$55,000 to \$64,999</p> <p>10= \$65,000 to \$74,999</p> <p>11= \$75,000 and Over</p> <p>12= Over \$20,000</p> <p>13= Under \$20,000</p> <p>77= Refused</p> <p>99= Don't know</p>	INDHHINC	
Health insurance	<p>{ Are you/Is SP} covered by health insurance or some other kind of health care plan? [Include health insurance obtained through employment or purchased directly as well as government programs like Medicare and Medicaid that provide medical care or help pay medical bills.]</p> <p>1= Yes</p> <p>2= No</p> <p>7= Refused</p> <p>9= Don't know</p>	HID010	
Hospital utilization	<p>Is there a place that {you/SP} usually {go/goes} when {you are/he/she is} sick or {you/ s/he} need{s} advice about {your/his/her} health?</p> <p>1= Yes</p> <p>2= There is no place (skip to HUQ050)</p> <p>3= There is more than one place</p> <p>7= Refused (skip to HUQ050)</p> <p>9= Don't know (skip to HUQ050)</p>	HUQ030	
Hospital utilization	<p>What kind of place {do you/does SP} go to</p>	HUQ040	

## NHANES

Component	Question wording	Analysis variable	Notes
	<p>most often: is it a clinic, doctor's office, emergency room, or some other place?</p> <p>1= Clinic or health center  2= Doctor's office or HMO  3= Hospital emergency room  4= Hospital outpatient department  5= Some other place  7= Refused  9= Don't know</p>		
Hospital utilization	<p>{ During the past 12 months, how/How } many times { have you/has SP } seen a doctor or other health care professional about { your/his/her } health at a doctor's office, a clinic, hospital emergency room, at home, or some other place? Do not include times { you were/s/he was } hospitalized overnight.</p> <p>0= None  1= 1 (skip to HUD070)  2= 2 to 3 (skip to HUD070)  3= 4 to 9 (skip to HUD070)  4= 10 to 12 (skip to HUD070)  5= 13 or more (skip to HUD070)  77= Refused (skip to HUD070)  99= Don't know (skip to HUD070)</p>	HUQ050	
Hospital utilization	<p>About how long has it been since { you/SP } last saw or talked to a doctor or other health- care professional about { your/his/her } health? Include doctors seen while { you were } { he/she was } a patient in a hospital. Has it been . . .</p> <p>1= 6 months or less,  2= More than 6 months, but not more than 1 year ago,  3= More than 1 year, but not more than 3 years ago,  4= More than 3 years, or  5= Never?  7= Refused  9= Don't know</p>	HUQ060	

# NHIS

Question ID	Question wording	Analysis variable	Notes
ADS.040	<p>[If BLDGV=1]: Except for tests you may have had as part of blood donations, have you ever being tested for HIV?</p> <p>[Else]: Have you ever being tested for HIV?</p> <p>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))</p> <p>1 Yes 2 No 7 Refused 8 Not ascertained 9 Don't know</p>	HIVTST	2004 = the [if, else] statements did not exist, instead all were asked "The next questions are about the test for HIV (the virus that causes AIDS). Except for tests you may have had as part of blood donation, have you ever being tested for HIV?/ Have you ever being tested for HIV?"
ADS.060	<p>[If BLDGV=1]: Not including blood donations, in what month and year was your last test for HIV, (the virus that causes AIDS)? [Else]: In what month and year was your last test for HIV, (the virus that causes AIDS)? Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))</p> <p>Month of last test for HIV</p> <p>01 January 02 February 03 March 04 April 05 May 06 June 07 July 08 August 09 September 10 October 11 November 12 December 96 Time period format 97 Refused 98 Not ascertained 99 Don't know</p> <p>Year of last test for HIV</p> <p>1985 – 200X    1985 – 200X 9996            Time period format 9997            Refused 9998            Not ascertained 9999            Don't know</p>	<p>TST12M_M</p> <p>TST12M_Y</p>	2004 = the [if, else] statements did not exist, instead all were asked "Not including blood donations, in what month and year was your last test for HIV (the virus that causes AIDS)?/ In what month and year was your last test for HIV, (the virus that causes AIDS)?"
HHC.120	What is {your/name} age and date of birth?	AGE_P	



## NHIS

Question ID	Question wording	Analysis variable	Notes
	<p>Please give month, day and year for the date of birth.</p> <p>Date of Birth:</p> <p>Month: _____</p> <p>Day: _____</p> <p>Year: _____</p>		
HHC.110	<p>{Are/Is} {you/name} male or female?</p> <p>Universe: HHSTAT NE 'D'</p> <p>1 Male</p> <p>2 Female</p>	SEX	
HHC.180_00	<p>Recode</p> <p>Notes: This is a generated variable that does not have a true source variable. The variable indicates whether the type of Hispanic origin (e.g., Mexican, Cuban, etc) response is given in the survey or imputed. It also indicates the type of response (based on raw data) that was imputed.</p> <p>Type of Hispanic origin Imputation Flag</p> <p>1 Imputed: was 'refused' Hispanic origin</p> <p>2 Imputed: was 'not ascertained' Hispanic origin</p> <p>3 Imputed: was 'does not know' Hispanic origin</p> <p>4 Hispanic origin type was given by respondent/proxy</p>	HISPIMPT	
HHC.190_00	<p>Recode</p> <p>Sources: ORIGIN_I; HHC.180</p> <p>Notes: "Other-specify" responses were assigned to specific groups where possible. Respondents who selected the generic "Hispanic/Spanish" response category were assigned "09", and in cases where the respondent refused to answer Hispanic origin or didn't know it, this variable was assigned "10" and "11", respectively. When Hispanic origin was not ascertained, this variable was also assigned "11". In cases where "other-specify" responses were determined to be non-Hispanic, this variable was assigned "12" for not Hispanic/Spanish origin, and ORIGIN_I was back coded to "2" or "No" (no group represented respondent's national origin). Respondents coded as "12" answered 2,7,8, or 9 in ORIGIN_I. Data came from HHC.170 &amp; HHC.180.</p> <p>00 Multiple Hispanic</p> <p>01 Puerto Rico</p>	HISPAN_I	

# NHIS

Question ID	Question wording	Analysis variable	Notes
	02 Mexican 03 Mexican-American 04 Cuban/Cuban American 05 Dominican (Republic) 06 Central or South American 07 Other Latin American, type not specified 08 Other Spanish 09 Hispanic/Latino/Spanish, non-specified type 10 Hispanic/Latino/Spanish, type refused 11 Hispanic/Latino/Spanish, type not ascertained 12 Not Hispanic/Spanish origin		
HHC.200	Recode: Notes: This is a generated variable that does not have a true source variable. This variable indicates whether the race response is given in the survey or imputed. It also indicates the type of response (based on the raw data) that was imputed. Race Imputation Flag 1 Imputed: was 'refused' 2 Imputed: was 'not ascertained' 3 Imputed: was 'does not know' 4 Imputed: was other race 5 Imputed: was 'unspecified multiple race' 6 Race given by respondent/proxy	2002=RACEIMPT 2003 - 2006=RACEIMP2	
HHC.200_01.000	Recode Notes: "Other Race" and "Unspecified Multiple race" are no longer available as separate race responses. These response categories are treated as missing, and the race is imputed if these are the only race responses. 2002 – 2005: *The "All other race groups" category contains all groups not shown separately (AI/AN, Asian, and NH/PI). 2002 - 2005 1 White 2 Black 3 All other race groups	2002 = RACREC_I 2003 – 2005 = RACRECI2 2006 = RACRECI3	2006: *The "All other race groups" category contains all OMB race groups not shown separately (AI/AN and NH/PI). 1 White 2 Black 3 Asian 4 All other race groups
FID.250	{Are/Is} [you/person] now married, widowed, divorced, separated, never married, or living with a partner? Universe: AGE = all 1 Married – spouse in household 2 Married – spouse not in household 3 Married – spouse in household unknown	R_MARITL	

# NHIS

Question ID	Question wording	Analysis variable	Notes
	4 Widowed 5 Divorced 6 Separated 7 Never Married 8 Living with Partner 9 Unknown marital status		
ACN.370	Are you currently pregnant? 1 Yes 2 No 7 Refused 8 Not ascertained 9 Don't know	PREGNOW	
FSD.010	What is the HIGHEST level of school [fill: you have/ALIAS has] completed or the highest degree [fill: you have/ALIAS has] received? Please tell me the number from the card. *Enter highest level of school completed. 00 Never attended/kindergarten only 01 1 <sup>st</sup> grade 02 2 <sup>nd</sup> grade 03 3 <sup>rd</sup> grade 04 4 <sup>th</sup> grade 05 5 <sup>th</sup> grade 06 6 <sup>th</sup> grade 07 7 <sup>th</sup> grade 08 8 <sup>th</sup> grade 09 9 <sup>th</sup> grade 10 10 <sup>th</sup> grade 11 11 <sup>th</sup> grade 12 12 <sup>th</sup> grade, no diploma 13 GED or equivalent 14 High School Graduate 15 Some college, no degree 16 Associate degree: occupational, technical, or vocational program 17 Associate degree: academic program 18 Bachelor's degree (Example: BA, AB, BS, BBA) 19 Master's degree (Example: MA, MS, MEng, Med, MBA) 20 Professional School degree (Example: MD, DDS, DVM, JD) 21 Doctoral degree (Example: PhD, EdD) 96 Child under 5 years old ( <i>not an option in 2002 - 2003</i> ) 97 Refused 99 Don't know	2002 – 2003 = EDUC 2004 – 2006 = EDUC1	

# NHIS

Question ID	Question wording	Analysis variable	Notes
FIN.270	<p>Of these income groups, can you tell me which letter best represents your/the total combined family income during [fill: last calendar year in 4-digit format]?</p> <p>01 0 - \$4999  02 \$5000 - \$9999  03 \$10000 - \$14999  04 \$15000 - \$19999  05 \$20000 - \$24999  06 \$25000 - \$34999  07 \$35000 - \$44999  08 \$45000 - \$54999  09 \$55000 - \$64999  10 \$65000 - \$74999  11 \$75000 and over  12 \$200000 or more (no detail)  13 Less than \$200000 (no detail)  97 Refused  98 Not ascertained  99 Don't know</p>	<p>2002 – 2003 =  FINCGRP  2004-2006 = INCGRP</p>	
FHI.070	<p>What kind of health insurance or health care coverage [fill: do you/does ALIAS] have? INCLUDE those that pay for only one type of service (nursing home care, accidents, or dental care). EXCLUDE private plans that only provide extra cash while hospitalized.</p> <p>Enter all that apply, separate with commas.  11 No coverage of any type ('14' in 2002 - 2003)</p>	<p>2002 – 2003 =  HIKINDN  2004 – 2006 =  HIKINDK</p>	
ADS.150	<p>Tell me if ANY of these statements is true for YOU. DO NOT tell me WHICH statement or statements are true for you. Just IF ANY of them are.</p> <p>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))</p> <p>(a) You have hemophilia and have received clotting factor concentrations  (b) You are a man who has had sex with other men, even just one time  (c) You have taken street drugs by needle, even just one time  (d) You have traded sex for money or drugs, even just one time  (e) You have tested positive for HIV (the virus that causes AIDS)  (f) You have had sex (even just one time) with someone who would answer "yes" to any of these</p>	<p>2002 -2006 =  STMTRU</p>	

# NHIS

Question ID	Question wording	Analysis variable	Notes
	<p>statements</p> <p>Are any of these statements true:</p> <p>1 Yes, at least one statement is true</p> <p>2 No, none of these statements are true</p> <p>7 Refused</p> <p>8 Not ascertained</p> <p>9 Don't know</p>		
ADS.140	<p>What are your chances of GETTING HIV, (the virus that causes AIDS)?</p> <p>Would you say high, medium, low, or none?</p> <p>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))</p> <p>Chances of getting AIDS Virus</p> <p>1 High/Already have HIV/AIDS</p> <p>2 Medium</p> <p>3 Low</p> <p>4 None</p> <p>7 Refused</p> <p>8 Not ascertained</p> <p>9 Don't know</p>	CHNSADSP	
ADS.160	<p>The next questions are about other sexually transmitted diseases or STDs. STDs are also known as venereal diseases or VD. Examples of STDs are gonorrhea, Chlamydia (CLUH-MIH-DEE-UH), syphilis, herpes and genital warts.</p> <p>In the past five years, have you had an STD other than HIV or AIDS?</p> <p>Universe: ASTATFLG='1' and (AGE GE '018' and AGE LE '049')</p> <p>Had STD other than HIV/AIDS, past 5 yrs</p> <p>1 Yes</p> <p>2 No</p> <p>7 Refused</p> <p>8 Not ascertained</p> <p>9 Don't know</p>	STD	In 2005 – 2006, the statement beginning “The next questions...” was not included.
ADS.065	<p>I am going to show you a list of reasons why some people have being tested for HIV, (the virus that causes AIDS).</p> <p>If BLDGV=1: Not including your blood donations, which of these would you say was the MAIN reason for your last HIV test?</p> <p>Else: Which of these would you say was the MAIN reason for your last HIV test?</p> <p>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and HIVTST = '1'</p> <p>Main reason for last HIV test</p>	REATST_C	

# NHIS

Question ID	Question wording	Analysis variable	Notes
	01 Someone suggested you should be tested 02 You might have been exposed through sex or drug use 03 You might have been exposed through your work or at work 04 You just wanted to find out if you were infected or not 05 For part of a routine medical check-up, hospitalization, or surgical procedure 06 You were sick or had a medical problem 07 You were pregnant or delivered a baby 08 For health or life insurance coverage 09 For military induction, separation, or military service 10 For immigration 11 For marriage license or to get married 12 You were concerned you could give HIV to someone 13 You wanted medical care or new treatments if you tested positive 14 Some other reason 15 No particular reason 97 Refused 98 Not ascertained 99 Don't know		
ADS.074	Was this test administered by a nurse or other health worker, or did you use a self-sampling kit? 1 Nurse or health worker 2 Self-sampling kit 7 Refused 9 Don't know	WHOADM	
ADS.070	[If BLDGV=11]: Not including your blood donations, where did you have your last HIV test: [Else]: Where did you have your last HIV test? Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and HIVTST = '1' Location of last HIV test 01 Private doctor/HMO 02 AIDS clinic/counseling/testing site 03 Hospital, emergency room, outpatient clinic 04 Other type of clinic 05 Public health department 06 At home 07 Drug treatment facility	LASTST_C	2004 = the [if, else] statements did not exist, instead all were asked "Not including blood donations, where did you have your last HIV test?/ Where did you have your last HIV test?

## NHIS

Question ID	Question wording	Analysis variable	Notes
	08 Military induction or military service site 09 Immigration site 10 In a correctional facility (jail or prison) 11 Other location 97 Refused 98 Not ascertained 99 Don't know		
ADS.072	What type of clinic did you go to for your last HIV test? Type of clinic for last HIV test Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and LASTST_C = '04' 01 Family planning clinic 02 Prenatal clinic 03 Tuberculosis clinic 04 STD clinic 05 Community health clinic 06 Clinic run by employer or insurance company 07 Other 97 Refused 98 Not ascertained ( <i>not an option in 2002 - 2004</i> ) 99 Don't know	CLINTYP_C	

## NSFG

Question ID	Question wording	Analysis variable	Notes
HE-2 (female) IF-2 (male)	Apart from testing that may have been done with your blood donations, have you ever had your blood tested for HIV, the virus that causes AIDS? 1 Yes 5 No	HIVTEST	
HE-3 (female) IF-3 (male)	When did you have that test for HIV, the virus that causes AIDS? If you have had more than one test, please tell me the date of the most recent one.	WHENHIV_M WHENHIV_Y	Asked if HIVTEST=1
AA-1	First, I'd like to know your age and date of birth. How old are you? ENTER age at last birthday in years _____	AGE_A	

# NSFG

Question ID	Question wording	Analysis variable	Notes
AD-3	If necessary, ASK: (Is (NAME) a male or female?) 1 Male 2 Female	SEX	
AC-1	Now I have some questions about your ethnic background and your race. (You may have already told me this, but) Are you Hispanic or Latino, or of Spanish origin? 1 Yes 5 No	HISP	
AC-3	Which of the groups on Card 2 describe your racial background? Please select one or more groups. ENTER all that apply NOTE: If R reports a mixture of several races (biracial, mixed, mulatto, etc.), ENTER all groups that are part of the mixture. 1 American Indian or Alaska Native 2 Asian 3 Native Hawaiian or Other Pacific Islander 4 Black or African American 5 White	RRACE	
AB-1	Now I'd like to ask about your marital status. Please look at Card 1. What is your current marital status? 1 Married 2 Not married but living together with a partner of the opposite sex 3 Widowed 4 Divorced 5 Separated, because you and your spouse are not getting along 6 Never been married	MARSTAT	
BA-2 (female)	Are you pregnant now? 1 Yes 5 No	PREGNOWQ	Females only
AF-3 (female) AE-3 (male)	Please look at Card A_3. What (is the highest grade or year of (regular) school you have ever attended?) / (grade or year of school are you in/were you in before vacation began)? 0 No formal schooling 1 1st grade 2 2nd grade 3 3rd grade	HIGRADE	



# NSFG

Question ID	Question wording	Analysis variable	Notes
	4 4th grade		
	5 5th grade		
	6 6th grade		
	7 7th grade		
	8 8th grade		
	9 9th grade		
	10 10th grade		
	11 11th grade		
	12 12th grade		
	13 1 year of college or less		
	14 2 years of college		
	15 3 years of college		
	16 4 years of college/grad school		
	17 5 years of college/grad school		
	18 6 years of college/grad school		
	19		
IC-4 (female) JB-1 (male)	Please look at Card 77. What religion are you now, if any?	RELRAISD	
	1 None		
	2 Catholic		
	3 Jewish		
	4 Southern Baptist		
	5 Baptist		
	6 Methodist, African Methodist		
	7 Lutheran		
	8 Presbyterian		
	9 Episcopal		
	10 Church of Jesus Christ of Latter Day Saints (LDS/Mormon)		
	11 Other		
JI-3 (female) KL-3 (male)	Which category represents (your total (weekly/monthly/yearly) income/ the total combined (weekly/monthly/yearly) income of your family in the year 2001, including income from all the sources you just went through, such as wages, salaries, Social Security or retirement benefits, help from relatives, and so forth? Please enter the amount before taxes.	TOTINC	
	1 Under \$96 weekly/ Under \$417 monthly/ Under \$5,000 yearly		
	2 \$96 - \$143 weekly/ \$417 - 624 monthly/ \$5,000 - 7,499 yearly		
	3 \$144 - \$191 weekly/ \$625 - 832 monthly/ \$7500 - 9999 yearly		
	4 \$192 - \$239 weekly/ \$833 - 1041 monthly/ \$10,000 - 12,499 yearly		
	5 \$240 - \$288 weekly/ \$1042 - 1249 monthly/ \$12,500 - 14,999 yearly		
	6 \$289 - \$384 weekly/ \$1250 - 1666 monthly/ \$15,000 - 19,999 yearly		
	7 \$385 - \$480 weekly/ \$1667 - 2082 monthly/		

# NSFG

Question ID	Question wording	Analysis variable	Notes
	\$20,000 – 24,999 yearly 8 \$481 - \$576 weekly/ \$2083 - 2499 monthly/ \$25,000 – 29,999 yearly 9 \$577 - \$672 weekly/ \$2500 - 2916 monthly/ \$30,000 – 34,999 yearly 10 \$673 - \$768 weekly/ \$2917 - 3332 monthly/ \$35,000 – 39,999 yearly 11 \$769 - \$961 weekly/ \$3333 - 4166 monthly/ \$40,000 – 49,999 yearly 12 \$962 - \$1153 weekly/ \$4167 - 4999 monthly/ \$50,000 – 59,999 yearly 13 \$1154 - \$1441 weekly/ \$5000 - 6249 monthly/ \$60,000 – 74,999 yearly 14 \$1442 or more weekly/ \$ 6250 or more monthly/ \$75,000 or more yearly		
IA-1 (female) IA-3 (male)	Now I have some questions about health insurance and coverage of medical expenses in the past year. Card 75 lists some examples of types of health care coverage. In the past 12 months, that is, since [interview month, 2001], was there any time that you did not have any health insurance or coverage? 1 Yes 5 No	COVER12	
HE-6 (female) IF-6 (male)	Did a doctor or other medical care provider talk with you about AIDS after you had this HIV test? 1 Yes 5 No	TALKDOCT	Asked if HIVTEST=1
HE-5 (female) IF-5 (male)	Please look at Card 73. Why did you have that HIV test? ENTER all that apply 1 For a hospitalization or surgical procedure 2 To apply for health or life insurance 3 Just to find out if you were infected 4 Because of a referral by a doctor 5 To apply for a marriage license 6 Because you were pregnant or because it was part of prenatal care (females only) 7 Some other reason	HIVTST	Asked if HIVTEST=1
JH-3 (females) KK-5 (males)	Do you think of yourself as... 1 Heterosexual 2 Homosexual 3 Bisexual 4 Or something else	ORIENT	
JG-3 (female) JF-2 (female)	Thinking about the last 12 months, that is, since (INTERVIEW MONTH, 2001), how many female sex partners have you had?	FEMPRT12	

# NSFG

Question ID	Question wording	Analysis variable	Notes
	Number _____		
	Thinking about the last 12 months, that is, since (INTERVIEW MONTH, 2001), how many male sex partners have you had? Please count every partner, even those you had sex with only once. Number _____	PARTS12M	
KG-2 (male) KJ-2 (male)	Thinking about the last 12 months, that is, since (INTERVIEW MONTH, 2001), how many female sex partners have you had? Please count every partner even those you had sex with only once. Number _____	PARTS12	
	During the last 12 months, that is, since (INTERVIEW MONTH, 2001), how many male sexual partners have you had? Number _____	MALPRT12	
FA-3g (female)	In the past 12 months, have you received counseling for, or been tested or treated for a sexually transmitted disease? 1 Yes 5 No	STDST12	
ID-5 (male)	In the past 12 months, have you received advice or counseling from a doctor or other medical care provider about sexually transmitted infections other than HIV, such as gonorrhea, chlamydia, syphilis, or genital herpes? 1 Yes 2 No	STDADVIC	
KK-7 (male)	In the past 12 months, that is, since (INTERVIEW MONTH, 2001), have you being tested by a doctor or other medical care provider for a sexually transmitted disease like gonorrhea, chlamydia, herpes, or syphilis? 1 Yes 5 No	STDST12	
KK-8 (male)	In the past 12 months, have you been treated or received medication from a doctor or other medical care provider for a sexually transmitted disease like gonorrhea, chlamydia, herpes, or syphilis? 1 Yes 5 No	STDTRT12	
JF-4 (female CAPI)	During the last 12 months, that is, since (interview month, 2001), did you have sex with any males	NONMONOG	

# NSFG

Question ID	Question wording	Analysis variable	Notes
	who were also having sex with other people at around the same time? 1 Yes 5 No		
KG-4 (male CAPI)	During the last 12 months, that is, since (interview month, 2001), did you have sex with any females who were also having sex with other people at around the same time? 1 Yes 5 No	NONMONOG	
JF-3 (female CAPI)	Now please think about all of your male sexual partners in the last 12 months, that is since (interview month, 2001) Have any of your male partners in the last 12 months ever had sex with other males? 1 Yes 5 No	BISEXPRT	Asked to females only
JF-5 (female CAPI) KG-5 (male CAPI)	During the last 12 months, how often were you “high” on alcohol or drugs when you had sex with a male/female? 1 Never 2 Sometimes 3 About half the time 4 Often 5 Always	HIGHSX12	
JF-6 (female CAPI) KG-6 (male CAPI)	In the last 12 months, have you had sex with a male/female who takes or shoots street drugs using a needle? 1 Yes 5 No	MALSHT12 GEMSHT12	
JF-7 (female CAPI) KG-8 (males CAPI)	In the last 12 months, has a female/male given you money or drugs to have sex with him/her? 1 Yes 5 No	PROSTFRQ	
JF-8 (female CAPI) KG-7 (males CAPI)	In the last 12 months, have you given a male/female money or drugs in exchange for having sex with you? 1 Yes 5 No	JOHNFREGQ	
JF-9 (female CAPI) KG-9 (males CAPI)	In the last 12 months, have you had sex with a male/female who you knew was infected with the AIDS virus? 1 Yes 5 No	HIVMAL12 HIVFEM12	

## NSFG

Question ID	Question wording	Analysis variable	Notes
HE-4 (female) IF-4 (male)	Please look at Card 72. Where did you have that blood test for HIV? 1 Private Doctor's Office 2 HMO facility 3 Community health center, community clinic, or public health clinic 4 Family planning or planned parenthood clinic 5 Employer or company clinic 6 School or school-based clinic 7 Hospital outpatient clinic 8 Hospital emergency room 9 Hospital regular room 10 Urgent care center, urgi-care, or walk-in facility 11 Your worksite 12 Your home 20 Some other place	PLCHIV	Asked if HIVTEST = 1
BB-3 (female)	Are you in your first trimester, in you second trimester, or in your third trimester? 1 First trimester 2 Second trimester 3 Third trimester 9 Don't know	NOWPRGDK	Asked if currently pregnant and did not refuse or did not know current gestational length.
BB-1 (female)	BB-1. (Including this pregnancy,) how many times have you been pregnant in your life? Number _____	NUMPREGS	Asked if currently pregnant.

## PRAMS

Question ID	Question wording	Analysis variable	Notes
I1 (2002-2003) of the standard questionnaire  20 (2004-2006) of the core questionnaire	At any time during your most recent pregnancy or delivery, did you have a blood test for HIV (the virus that causes AIDS)? 1= No 2= Yes .D= I don't know .B= Blank .N= Not recorded	HIVTEST	

## YRBS

Question ID	Question wording	Analysis variable	Notes
Q93	Have you ever being tested for HIV, the virus that causes AIDS? 1=Yes 2=No 3=Not sure	q93	
Q1	How old are you? 1= 12 years old or younger 2= 13 years old 3= 14 years old 4= 15 years old 5= 16 years old 6= 17 years old 18= years old or older	q1	
Q2	What is your sex? 1= Female 2= Male	q2	
q4orig	How do you describe yourself? 1= American Indian or Alaska Native 2= Asian 3= Black or African American 4= Hispanic or Latino 5= Native Hawaiian or Other Pacific Islander 6= White 7= Multiple - Hispanic 8= Multiple - Non-Hispanic	q4	This is a computed variable that combines values of variables ethorig and raceorig into a single race/ethnicity variable.
Q3	In what grade are you? 1= 9th grade 2= 10th grade 3= 11th grade 4= 12th grade 5= Ungraded or other grade	q3	
Q85	Have you ever been taught about AIDS or HIV infection in school? 1= Yes 2= No	Q85 or qn85	qn85: Percentage of students who had ever been taught in school about AIDS

# YRBS

Question ID	Question wording	Analysis variable	Notes
	3= Not sure		or HIV infection (Yes, No, Missing)
Q57	Have you ever had sexual intercourse? 1= Yes 2= No	q57	
Q58	How old were you when you had sexual intercourse for the first time? 1= I have never had sexual intercourse 2= 11 years old or younger 3= 12 years old 4= 13 years old 5= 14 years old 6= 15 years old 7= 16 years old 8= 17 years old or older	Q58 or qn58	qn58: Percentage of students who had sexual intercourse for the first time before age 13 years (Yes, No, Missing)
Q59	During your life, with how many people have you had sexual intercourse? 1= I have never had sexual intercourse 2= 1 person 3= 2 people 4= 3 people 5= 4 people 6= 5 people 7= 6 or more people	Q59 or qn59	
Q61	Did you drink alcohol or use drugs before you had sexual intercourse last time? 1= I have never had sexual intercourse 2= Yes 3= No	Q61 or qn61	qn61: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse (Yes, No, Missing)
Q55	During your life, how many times have you used a needle to inject any illegal drug into your body? 1= 0 times 2= 1 time 3= 2 or more times	Q55 or qn55	qn55: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life (Yes, No, Missing)

# YRBS

Question ID	Question wording	Analysis variable	Notes
Q44	<p>During your life, how many times have you used marijuana?</p> <p>1= 0 times 2= 1 or 2 times 3= 3 to 9 times 4= 10 to 19 times 5= 20 to 39 times 6= 40 to 99 times 7= 100 or more times</p>	Q44 or qn44	qn44: Percentage of students who used marijuana one or more times during their life (Yes, No, Missing)
Q48	<p>During your life, how many times have you used any form of cocaine, including powder, crack, or freebase?</p> <p>1= 0 times 2= 1 or 2 times 3= 3 to 9 times 4= 10 to 19 times 5= 20 to 39 times 6= 40 or more times</p>	Q48 or qn48	qn48: Percentage of students who used cocaine, including powder, crack, or freebase one or more times during their life (Yes, No, Missing)
Q51	<p>During your life, how many times have you used heroin (also called smack, junk, or China White)?</p> <p>1= 1= 0 times 2= 1 or 2 times 3= 3 to 9 times 4= 10 to 19 times 5= 20 to 39 times 6= 40 or more times</p>	Q51 or qn51	qn51: Percentage of students who used heroin one or more times during their life (Yes, No, Missing)
Q52	<p>During your life, how many times have you used methamphetamines (also called speed, crystal, crank or ice)?</p> <p>1= 1= 0 times 2= 1 or 2 times 3= 3 to 9 times 4= 10 to 19 times 5= 20 to 39 times 6= 40 or more times</p>	Q52 or qn52	qn52: Percentage of students who used methamphetamines one or more times during their life (Yes, No, Missing)
Q53	<p>During your life, how many times have you used ecstasy (also called MDMA)?</p> <p>1= 1= 0 times</p>	Q53 or qn53	qn53: Percentage of students who used ecstasy one or more



## YRBS

Question ID	Question wording	Analysis variable	Notes
	2= 1 or 2 times 3= 3 to 9 times 4= 10 to 19 times 5= 20 to 39 times 6= 40 or more times		times during their life (Yes, No, Missing)
Q54	During your life, how many times have you taken steroid pills or shots without a doctor's prescription? 1= 1= 0 times 2= 1 or 2 times 3= 3 to 9 times 4= 10 to 19 times 5= 20 to 39 times 6= 40 or more times	Q54 or qn54	qn54: Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life (Yes, No, Missing)

## APPENDIX D: RESULTS BY DATA SOURCES

### BRFSS: Adults

Table 1. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** for HIV, by year--United States, **BRFSS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	180,039	45.2	(44.7-45.6)	78,098	76,176,634
2003	188,917	45.9	(45.5-46.3)	83,369	76,197,143
2004	214,410	43.8	(43.4-44.2)	89,132	74,377,876
2005	247,169	39.5	(39.1-39.9)	92,764	67,837,484
2006	241,175	36.0	(35.5-36.4)	80,129	62,773,543

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 2. Percentage and estimated number of **adults** aged 18-64 years who had tested for HIV in the **last 12 months**, by year--United States, **BRFSS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	149,176	14.0	(13.6-14.3)	17,617	19,925,574
2003	157,423	14.8	(14.4-15.1)	19,620	20,828,347
2004	179,034	15.2	(14.8-15.5)	22,594	21,949,787
2005	211,924	12.1	(11.8-12.4)	20,602	18,065,737
2006	208,051	10.2	(9.9-10.5)	16,027	15,624,516

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 3. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by demographic characteristics--United States, **BRFSS**, 2002-2006 pooled data

Characteristic	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>										
18-24	83,171	38.6	(38.0-39.2)	35,007	10,492,822	74,993	20.6	(20.0-21.1)	16,233	5,136,608
25-34	197,786	58.1	(57.7-58.5)	116,808	21,703,791	160,973	20.3	(19.9-20.7)	32,070	6,330,930
35-44	261,700	50.4	(50.1-50.8)	128,446	20,836,362	210,814	12.7	(12.4-12.9)	24,161	4,284,179
45-54	289,225	33.2	(32.9-33.6)	93,441	12,541,021	245,968	7.4	(7.2-7.6)	15,932	2,408,892
55-64	239,828	22.2	(21.9-22.5)	49,790	5,898,540	213,400	4.7	(4.5-4.9)	8,064	1,118,183
<b>Sex</b>										
Female	644,142	44.3	(44.0-44.5)	262,297	37,833,151	541,995	13.5	(13.3-13.6)	57,322	9,823,273
Male	427,568	39.7	(39.4-40.0)	161,195	33,639,385	364,153	12.9	(12.7-13.1)	39,138	9,455,519
<b>Ethnicity</b>										
Hispanic or Latino	74,548	44.8	(44.1-45.5)	34,363	10,911,299	60,026	17.0	(16.4-17.6)	9,895	3,555,986
Non-Hispanic or Latino	994,348	41.6	(41.4-41.7)	388,064	60,401,665	841,818	12.5	(12.4-12.7)	86,313	15,676,512
<b>Race</b>										
White	882,687	39.3	(39.1-39.5)	326,361	51,669,994	752,559	10.7	(10.6-10.9)	64,499	12,225,472
Black or African American	92,926	60.4	(59.8-61.0)	55,151	11,199,285	73,818	29.2	(28.6-29.8)	20,547	4,417,924
Asian	20,883	32.3	(31.0-33.6)	6,909	1,667,176	18,204	9.7	(8.9-10.6)	1,615	446,255
Native Hawaiian or Pacific Islander	4,853	46.7	(43.1-50.4)	2,033	415,533	4,184	16.3	(13.2-19.5)	533	124,251
American Indian or Alaska Native	22,532	49.5	(47.8-51.2)	10,474	1,587,756	18,677	18.8	(17.2-20.3)	2,980	515,322
Other <sup>e</sup>	37,679	44.9	(43.9-45.8)	17,871	4,036,585	30,687	17.0	(16.2-17.8)	5,119	1,284,190
<b>Marital status</b>										
Married	620,120	39.2	(39.0-39.4)	218,542	39,508,251	531,426	9.6	(9.5-9.8)	39,818	8,328,948
Living with a partner	35,891	56.3	(55.3-57.4)	20,300	4,497,802	29,308	22.0	(21.1-23.0)	5,579	1,483,942
Divorced	161,229	50.7	(50.2-51.1)	74,184	8,189,373	129,886	15.4	(15.0-15.8)	15,788	2,031,212
Separated	30,493	56.1	(54.8-57.3)	16,319	2,341,184	24,268	21.2	(20.1-22.3)	4,495	720,025
Widowed	35,886	32.7	(31.6-33.7)	9,798	1,032,917	31,386	9.4	(8.6-10.2)	2,037	257,425
Never Married	185,415	42.0	(41.5-42.5)	83,278	15,756,188	157,787	19.3	(18.9-19.7)	28,522	6,418,398
<b>Region of residence<sup>f</sup></b>										
Midwest	229,966	35.7	(35.4-36.1)	76,594	13,602,678	200,750	10.0	(9.8-10.3)	16,670	3,390,940
Northeast	216,383	42.1	(41.8-42.5)	87,716	13,280,027	182,382	13.2	(12.9-13.5)	19,307	3,503,514
South	354,316	45.1	(44.8-45.3)	151,120	27,735,516	290,782	15.5	(15.3-15.8)	37,830	7,996,274
West	271,045	43.2	(42.7-43.7)	108,062	16,854,315	232,234	12.7	(12.4-13.1)	22,653	4,388,064
<b>Had HIV risk factors<sup>g</sup></b>										
Yes	25,634	63.0	(61.8-64.3)	322,731	3,435,098	20,887	31.4	(30.1-32.7)	6,172	1,457,375
No	796,245	43.0	(42.8-43.2)	16,607	54,565,837	670,515	13.2	(13.2-13.5)	73,367	14,465,287

Characteristic	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Pregnant at time of interview<sup>h</sup></b>										
Yes	13,940	75.9	(74.5-77.2)	10,454	1,921,967	12,012	57.4	(55.9-59.0)	6,561	1,278,214
No	311,802	54.8	(54.5-55.2)	172,064	27,191,184	252,220	17.4	(17.1-17.7)	39,607	7,201,245
<b>Total</b>	<b>1,071,710</b>	<b>42.0</b>	<b>(41.8-42.2)</b>	<b>423,492</b>	<b>71,472,536</b>	<b>906,148</b>	<b>13.2</b>	<b>(13.0-13.3)</b>	<b>96,460</b>	<b>19,278,792</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes multiracial, which was asked in 2002 only.

<sup>f</sup> The state of residence was categorized into four regions: Midwest (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin); Northeast (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia); and West (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming).

<sup>g</sup> Persons were asked if any of the following HIV risk factors were true for them but not which applied to them: have used intravenous drugs in the past year; have been treated for a sexually transmitted or venereal disease in the past year; have given or received money or drugs in exchange for sex in the past year; or had anal sex without a condom in the past year.

<sup>h</sup> Pregnancy status was asked of women aged 18-44 years.

Table 4. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by socio-economic characteristics--United States, **BRFSS**, 2002-2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>										
Less than high school	87,213	40.2	(39.5-40.9)	34,497	7,457,114	71,773	14.7	(14.1-15.2)	9,368	2,293,952
High school graduate	310,525	39.0	(38.6-39.3)	110,365	19,162,882	265,610	13.2	(12.9-13.4)	27,160	5,606,320
Some college	299,848	44.0	(43.7-44.4)	124,912	20,623,591	253,204	14.4	(14.1-14.6)	29,224	5,797,337
College graduate	373,057	43.6	(43.3-43.9)	153,356	24,158,484	314,707	11.7	(11.5-11.9)	30,633	5,560,452
<b>Annual household income</b>										
Less than \$15,000	92,653	46.2	(45.5-47.0)	43,571	6,806,532	75,055	18.0	(17.4-18.6)	12,372	2,239,241
\$15,000-\$24,999	147,076	45.9	(45.4-46.4)	63,819	10,707,906	122,966	17.6	(17.1-18.0)	17,387	3,490,831
\$25,000-\$34,999	125,524	44.6	(44.1-45.2)	50,879	8,448,566	106,640	15.7	(15.2-16.2)	12,703	2,558,088
\$35,000-\$49,999	174,196	42.2	(41.7-42.6)	67,132	10,799,273	149,192	12.9	(12.6-13.3)	14,983	2,864,293
\$50,000 or more	424,711	41.2	(40.9-41.5)	163,104	28,604,879	362,806	10.6	(10.4-10.8)	31,326	6,400,181
<b>Total</b>	<b>1,071,710</b>	<b>42.0</b>	<b>(41.8-42.2)</b>	<b>423,492</b>	<b>71,472,536</b>	<b>906,148</b>	<b>13.2</b>	<b>(13.0-13.3)</b>	<b>96,460</b>	<b>19,278,792</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 5. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by health care coverage or access and HIV-related characteristics--United States, **BRFSS**, 2002-2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care coverage</b>										
Yes	902,518	41.7	(41.5-41.9)	352,088	57,714,166	765,136	12.9	(12.7-13.0)	79,483	15,297,810
No	166,545	43.6	(43.1-44.1)	70,744	13,615,251	138,659	14.8	(14.4-15.2)	16,767	3,928,836
<b>Have health care provider</b>										
Yes	872,650	41.8	(41.6-42.0)	341,138	54,508,556	738,789	13.0	(12.8-13.1)	77,296	14,532,203
No	196,818	42.8	(42.3-43.2)	81,593	16,812,504	165,486	13.9	(13.6-14.3)	19,021	4,706,350
<b>Time since last routine medical check-up<sup>e</sup></b>										
Within the past year	335,115	40.0	(39.7-40.4)	123,359	18,006,479	287,462	13.9	(13.6-14.1)	30,443	5,423,587
Within the past 2 years	74,105	37.5	(36.7-38.2)	26,427	4,164,372	63,355	8.1	(7.6-8.6)	3,842	780,486
Within the past 5 years	45,667	35.9	(35.0-36.9)	16,075	2,583,545	39,241	7.0	(6.4-7.5)	2,221	437,452
5 or more years ago	45,952	31.7	(30.8-32.6)	13,629	2,016,988	40,307	5.6	(5.2-6.1)	1,812	318,563
Never	7,186	25.6	(23.4-27.9)	2,006	339,692	6,307	5.9	(4.7-7.1)	350	69,534
<b>Reasons for having an HIV test<sup>f</sup></b>										
It was required	248,878	18.1	(17.7-18.3)	46,507	8,082,148	10,112	15.7	(15.2-16.3)	10,112	1,964,315
Suggested by someone else	248,878	2.6	(2.4-2.7)	6,096	1,150,178	972	1.8	(1.6-2.1)	972	228,743
Thought may have HIV through sex or drug use	248,878	2.5	(2.4-2.6)	6,309	1,127,482	1,187	2.2	(1.9-2.4)	1,187	272,407
To find out whether had HIV	248,878	18.7	(18.4-19.0)	46,296	8,360,596	9,872	17.4	(16.8-18.1)	9,872	2,17,592
Worried that could give HIV to someone	248,878	0.7	(0.6-0.8)	1,532	320,958	301	0.6	(0.4-0.7)	301	68,721
Were pregnant	248,878	14.5	(14.3-14.9)	38,934	6,511,780	7,888	12.9	(12.4-13.3)	7,888	1,606,388
Routine medical check-up	248,878	29.0	(28.7-29.4)	66,514	12,999,481	21,971	37.2	(36.5-37.9)	21,971	4,641,886
Other	248,878	13.9	(13.6-14.1)	35,097	6,213,270	7,064	11.8	(11.3-12.3)	7,064	1,475,508
<b>Rapid test<sup>g</sup></b>										
Yes	-	-	-	-	-	14,570	17.4	(16.1-18.7)	2,402	2,442,970
No	-	-	-	-	-	14,570	82.6	(81.3-83.9)	12,18	11,603,639
<b>Total</b>	<b>1,071,710</b>	<b>42.0</b>	<b>(41.8-42.2)</b>	<b>423,492</b>	<b>71,472,536</b>	<b>906,148</b>	<b>13.2</b>	<b>(13.0-13.3)</b>	<b>96,460</b>	<b>19,278,792</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Asked only in 2003, 2005, and 2006.

<sup>f</sup> Asked only in 2002-2004.

<sup>g</sup> Asked only in 2006 to persons tested for HIV within the last 12 months.

Table 6. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by setting type where the last HIV test was conducted--United States, **BRFSS**, 2002-2006 pooled data

Setting type	Ever tested					Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b,c</sup>	Estimated no. persons tested <sup>b,d</sup>	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b,c</sup>	Estimated no. persons tested <sup>b,d</sup>
<b>Health care</b>	417,432	84.9	(84.7-85.1)	355,240	59,852,745	95,925	85.3	(84.8-85.7)	81,979	16,344,361
Private doctor or health maintenance organization	417,432	42.2	(41.9-42.5)	178,953	29,765,683	95,925	41.4	(40.8-42.0)	41,127	7,935,968
Hospital	417,432	18.5	(18.3-18.8)	80,881	13,066,500	95,925	18.4	(17.9-18.8)	18,392	3,517,608
Clinic	417,432	23.1	(22.8-23.4)	92,309	16,285,679	95,925	24.4	(23.9-25.0)	21,772	4,684,651
Jail or prison	417,432	1.0	(1.0-1.1)	3,097	734,883	95,925	1.1	(0.9-1.2)	688	206,134
<b>Non-health care</b>	417,432	14.1	(13.9- 14.3)	57,151	9,949,310	95,925	13.8	(13.4-14.3)	12,770	2,649,382
Counseling and testing site	417,432	3.4	(3.3-3.5)	14,102	2,417,687	95,925	3.2	(3.0-3.5)	2,901	620,917
At home	417,432	4.7	(4.6-4.9)	20,507	3,343,867	95,925	4.6	(4.4-4.9)	4,676	889,159
Somewhere else	417,432	5.9	(5.8-6.1)	22,542	4,187,756	95,925	5.9	(5.6-6.2)	5,193	1,139,306
<b>Other</b>	417,432	1.0	(0.9-1.0)	5,041	689,202	95,925	0.9	(0.8-1.0)	1,176	171,862
<b>Total</b>	<b>417,432</b>	<b>100.0</b>	<b>-</b>	<b>423,492</b>	<b>71,472,536</b>	<b>95,925</b>	<b>100.0</b>	<b>-</b>	<b>96,460</b>	<b>19,278,792</b>

<sup>a</sup> Confidence interval.

<sup>b</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 7. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by PS07-768 status--United States, **BRFSS**, 2002-2006 pooled data

PS07-768 status	Ever tested					Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
<b>PS07-768 jurisdictions</b>	492,031	43.6	(43.4-43.8)	210,384	53,967,483	413,872	14.2	(14.0-14.4)	52,756	15,149,928
California <sup>d</sup>	18,514	45.6	(44.7-46.5)	8,718	9,351,550	16,660	14.1	(13.4-14.8)	2,157	2,613,329
Connecticut	21,525	42.7	(41.8-43.5)	9,108	849,258	18,195	12.4	(11.8-13.1)	2,085	210,761
District of Columbia	11,361	66.1	(64.9-67.4)	7,406	232,514	9,123	33.3	(31.9-34.6)	2,671	96,807
Florida	24,747	50.0	(49.1-50.9)	11,801	4,851,723	20,687	19.0	(18.2-19.9)	3,343	1,552,910
Georgia	23,080	50.0	(49.1-50.9)	10,807	2,623,755	19,060	18.7	(17.9-19.6)	2,997	814,994
Illinois <sup>e</sup>	16,741	36.9	(36.0-37.8)	6,174	2,550,639	14,970	11.6	(11.0-12.3)	1,529	723,637
Louisiana	21,749	44.3	(43.5-45.2)	9,389	1,134,491	16,676	15.4	(14.7-16.2)	2,254	303,596
Maryland	22,385	51.4	(50.5-52.3)	10,483	1,667,959	18,840	19.8	(19.0-20.7)	2,780	544,126
Massachusetts	32,161	43.6	(42.9-44.4)	14,302	1,628,863	26,824	11.8	(11.2-12.3)	3,101	371,848
Michigan	23,359	41.4	(40.5-42.2)	9,180	2,504,935	20,899	11.4	(10.8-12.0)	1,890	622,504
Mississippi	17,068	43.9	(42.9-44.4)	7,180	728,785	14,150	15.9	(15.1-16.7)	1,926	220,524
Missouri	16,930	37.8	(36.7-38.9)	6,171	1,265,501	14,405	11.2	(10.3-12.0)	1,428	320,034
New Jersey	38,689	42.8	(42.0-43.6)	16,301	2,108,071	32,879	14.2	(13.5-14.8)	4,151	597,555
New York <sup>f</sup>	21,215	45.8	(44.9-46.6)	9,445	5,100,300	17,354	15.9	(15.2-16.6)	2,388	1,455,276
North Carolina	45,980	44.4	(43.6-45.1)	19,932	2,270,967	35,803	13.6	(13.0-14.1)	4,327	546,635
Ohio	20,459	33.9	(32.8-35.0)	7,573	2,266,553	17,869	9.5	(8.7-10.2)	1,971	563,067
Pennsylvania <sup>g</sup>	34,968	36.0	(35.2-36.8)	12,043	2,578,686	29,966	10.5	(9.9-11.1)	2,668	648,250
South Carolina	24,697	43.7	(42.9-44.5)	9,900	1,068,794	21,014	16.0	(15.3-16.7)	2,668	331,819
Tennessee	13,674	40.9	(39.8-42.0)	5,356	1,463,632	11,964	12.4	(11.5-13.2)	1,247	389,581
Texas <sup>h</sup>	23,468	43.8	(42.9-44.7)	10,349	5,672,007	19,682	14.6	(13.9-15.3)	2,701	1,592,846
Virginia	19,261	46.1	(45.0-47.1)	8,766	2,048,498	16,852	16.0	(15.2-16.9)	2,474	629,829
<b>Non-PS07-768 jurisdictions</b>	579,679	37.7	(37.5-38.0)	213,108	17,505,053	492,276	10.4	(10.2-10.5)	43,704	4,128,864
Alabama	11,871	44.4	(43.2-45.5)	5,165	1,180,656	9,976	15.5	(14.5-16.4)	1,358	347,914
Alaska	10,807	50.1	(48.7-51.5)	5,454	198,749	8,545	15.7	(14.5-16.8)	1,255	49,764
Arizona	14,050	40.7	(39.3-42.1)	5,740	1,316,266	12,035	12.1	(11.1-13.1)	1,317	339,966
Arkansas	16,025	38.6	(37.7-39.5)	5,874	602,479	13,585	11.9	(11.2-12.6)	1,390	158,941
Colorado	20,157	41.5	(40.6-42.3)	8,389	1,177,059	16,755	11.4	(10.8-12.0)	1,764	271,926
Delaware	15,184	47.9	(46.8-49.0)	7,238	240,270	11,493	17.1	(16.1-18.2)	1,813	65,960
Hawaii	17,480	38.9	(37.9-39.8)	6,902	236,538	15,258	12.1	(11.3-12.8)	1,552	64,844
Idaho	19,482	35.2	(34.3-36.0)	6,851	281,200	16,666	8.1	(7.5-8.6)	1,196	55,777
Indiana	22,048	35.7	(35.0-36.4)	7,990	1,291,455	18,951	9.8	(9.3-10.3)	1,720	307,034
Iowa	17,069	29.6	(28.8-30.4)	4,922	511,488	14,672	7.5	(6.9-8.0)	948	111,605
Kansas	24,793	32.7	(32.0-33.4)	8,005	522,234	21,125	8.3	(7.8-8.8)	1,527	113,839
Kentucky	22,625	35.1	(34.1-36.1)	7,400	830,588	17,541	8.0	(7.3-8.7)	1,081	145,843
Maine	11,931	37.0	(35.9-38.0)	4,342	287,012	10,217	8.9	(8.2-9.7)	799	59,867
Minnesota	14,672	33.7	(32.8-34.6)	4,869	1,029,740	13,151	8.9	(8.3-9.6)	1,044	246,645
Montana	17,415	35.6	(34.6-36.6)	5,923	192,791	15,290	8.9	(8.2-9.5)	1,173	42,381

PS07-768 status	Ever tested					Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
Nebraska	23,951	31.0	(30.2-31.8)	6,836	314,350	20,350	7.8	(7.3-8.4)	1,273	67,053
Nevada	11,848	45.7	(44.3-47.0)	5,341	632,186	10,132	14.6	(13.6-15.7)	1,301	175,574
New Hampshire	20,145	40.8	(39.9-41.6)	8,020	315,598	16,951	9.4	(8.8-10.0)	1,367	61,934
New Mexico	20,549	41.3	(40.4-42.1)	8,285	449,422	17,736	12.9	(12.2-13.5)	2,004	121,851
North Dakota	12,664	28.7	(27.7-29.6)	3,381	106,595	11,339	8.2	(7.5-8.8)	728	27,166
Oklahoma	28,790	35.8	(35.0-36.5)	9,803	740,512	24,014	10.1	(9.6-10.7)	2,003	174,932
Oregon	20,974	40.7	(39.9-41.6)	8,287	874,285	17,538	9.5	(8.9-10.0)	1,452	169,416
Rhode Island	14,557	43.0	(41.9-44.0)	6,456	271,014	12,131	13.0	(12.1-13.8)	1,421	69,644
South Dakota	20,543	26.7	(25.9-27.4)	5,280	117,339	18,016	7.0	(6.5-7.5)	1,095	27,097
Utah	18,449	28.5	(27.6-29.3)	5,427	391,834	16,561	7.5	(6.9-8.1)	1,125	94,289
Vermont	21,192	37.1	(36.3-37.9)	7,699	141,225	17,865	8.7	(8.2-9.3)	1,327	28,379
Washington	65,172	43.4	(42.8-44.0)	27,225	1,644,512	55,083	11.3	(10.9-11.7)	5,297	364,453
West Virginia	12,351	34.9	(33.9-35.8)	4,271	377,883	10,322	8.7	(8.0-9.4)	797	79,017
Wisconsin	16,737	34.7	(33.8-35.6)	6,213	1,121,849	15,003	8.9	(8.3-9.5)	1,517	261,258
Wyoming	16,148	35.4	(34.6-36.3)	5,520	107,924	13,975	9.3	(8.6-9.9)	1,060	24,495
<b>Total</b>	<b>1,071,710</b>	<b>42.0</b>	<b>(41.8-42.2)</b>	<b>423,492</b>	<b>71,472,536</b>	<b>906,148</b>	<b>13.2</b>	<b>(13.0-13.3)</b>	<b>96,460</b>	<b>19,278,792</b>

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

<sup>d</sup> Los Angeles and California health departments are funded under PS07-768.

<sup>e</sup> Chicago health department is funded under PS07-768, but not Illinois health department.

<sup>f</sup> New York City and New York State health departments are funded under PS07-768.

<sup>g</sup> Philadelphia and Pennsylvania health departments are funded under PS07-768.

<sup>h</sup> Houston and Texas health departments are funded under PS07-768.



## BRFSS: Pregnant women

Table 8. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by year--United States, **BRFSS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	2,108	61.2	(57.5-64.9)	1,202	440,634
2003	2,238	61.7	(58.3-65.2)	1,315	445,922
2004	2,468	57.6	(54.0-61.1)	1,412	426,342
2005	2,710	55.9	(52.5-59.3)	1,430	437,797
2006	2,488	51.2	(47.3-55.1)	1,202	379,661

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 9. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by demographic characteristics--United States, **BRFSS**, 2002-2006 pooled data

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>					
18-24	3,130	61.2	(58.1-64.3)	1,916	485,916
25-34	6,894	56.0	(54.0-58.0)	3,712	633,057
35-44	1,988	52.9	(49.2-56.5)	933	159,240
<b>Ethnicity</b>					
Hispanic or Latino	1,446	58.7	(51.4-63.3)	846	277,051
Non-Hispanic or Latino	10,542	57.1	(55.6-58.6)	5,704	998,616
<b>Race</b>					
White	9,240	55.6	(53.9-57.3)	4,791	908,842
Black or African American	1,191	72.2	(67.7-76.6)	879	192,839
Asian	358	47.5	(38.1-56.9)	167	37,833
Native Hawaiian or Pacific Islander	-	-	-	-	-
American Indian or Alaska Native	325	56.3	(41.8-70.8)	202	23,001
Other <sup>e</sup>	702	55.8	(49.4-92.2)	414	88,143
<b>Marital status</b>					
Married	8,714	53.7	(51.9-55.5)	4,374	817,276
Living with a partner	756	64.0	(57.6-70.4)	497	132,031
Divorced	442	68.1	(59.9-76.2)	287	39,358
Separated	256	65.5	(53.8-77.3)	166	32,628
Widowed	-	-	-	-	-
Never Married	1,810	66.8	(62.9-70.7)	1,219	254,320
<b>Region of residence<sup>f</sup></b>					
Midwest	2,760	54.5	(51.8-57.3)	1,381	274,734
Northeast	2,200	60.6	(57.0-64.1)	1,260	227,051
South	3,752	61.4	(59.2-63.7)	2,298	483,337
West	3,300	52.4	(48.5-56.2)	1,622	293,093
<b>Had HIV risk factors<sup>g</sup></b>					
Yes	512	69.1	(62.3-75.9)	334	84,003
No	8,915	58.7	(56.9-60.4)	4,973	954,778
<b>Total</b>	<b>12,012</b>	<b>57.4</b>	<b>(55.9-59.0)</b>	<b>6,561</b>	<b>1,278,214</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes multiracial, which was asked in 2002 only.

<sup>f</sup> The state of residence was categorized into four regions: Midwest (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin); Northeast (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia); and West (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming).

<sup>g</sup> Persons were asked if any of the following HIV risk factors were true for them but not which applied to them: have used intravenous drugs in the past year; have being treated for a sexually transmitted or venereal disease in the past year; have given or received money or drugs in exchange for sex in the past year; or had anal sex without a condom in the past year.

Table 10. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by socio-economic characteristics--United States, **BRFSS**, 2002-2006 pooled data

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>					
Less than high school	1,134	56.0	(50.6-61.3)	679	172,593
High school graduate	2,958	60.2	(56.9-63.5)	1,734	345,011
Some college	3,168	60.6	(57.7-63.5)	1,819	337,685
College graduate	4,747	53.7	(51.5-56.0)	2,326	422,584
<b>Annual household income</b>					
Less than \$15,000	1,083	56.3	(50.2-62.4)	685	139,033
\$15,000-\$24,999	1,871	67.3	(63.8-70.8)	1,148	245,840
\$25,000-\$34,999	1,365	62.5	(58.2-66.7)	761	148,472
\$35,000-\$49,999	1,915	55.6	(52.0-59.2)	992	178,838
\$50,000 or more	4,546	53.9	(51.6-56.3)	2,317	425,038
<b>Total</b>	<b>12,012</b>	<b>57.4</b>	<b>(55.9-59.0)</b>	<b>6,561</b>	<b>1,278,214</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 11. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by health care coverage or access and HIV-related characteristics--United States, **BRFSS**, 2002-2006 pooled data

Characteristic	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care coverage</b>					
Yes	10,831	59.3	(57.7-60.9)	6,043	1,161,080
No	1,163	44.2	(39.0-49.3)	510	115,892
<b>Have health care provider</b>					
Yes	10,237	59.4	(57.8-61.0)	5,683	1,083,375
No	1,762	48.6	(44.2-53.0)	873	194,088
<b>Time since last routine medical check-up<sup>e</sup></b>					
Within the past year	3,911	57.0	(54.3-59.8)	2,087	377,281
Within the past 2 years	644	44.0	(37.4-50.7)	273	53,221
Within the past 5 years	398	47.8	(39.9-55.6)	180	33,748
5 or more years ago	316	49.0	(38.9-59.1)	139	23,686
Never	-	-	-	-	-
<b>Reasons for having an HIV test<sup>f</sup></b>					
It was required	3,924	3.7	(2.9-4.6)	175	29,255
Suggested by someone else	3,924	-	-	-	-
Thought may have HIV through sex or drug use	3,924	-	-	-	-
To find out whether had HIV	3,924	2.8	(1.8-3.8)	112	21,976
Worried that could give HIV to someone	3,924	-	-	-	-
Were pregnant	3,924	80.8	(78.6-82.9)	3,190	635,880
Routine medical check-up	3,924	10.2	(8.5-11.9)	343	80,122
Other	3,924	1.9	(1.2-2.6)	72	15,109
<b>Rapid test<sup>g</sup></b>					
Yes	1,063	9.0	(6.2-11.8)	106	99,058
No	1,063	91.0	(88.2-93.8)	1,033	1,002,863
<b>Total</b>	<b>12,012</b>	<b>57.4</b>	<b>(55.9-59.0)</b>	<b>6,561</b>	<b>1,278,214</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Asked only in 2003, 2005, and 2006.

<sup>f</sup> Asked only in 2002-2004.

<sup>g</sup> Asked only in 2006 to persons tested for HIV within the last 12 months.

Table 12. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by setting type where the last HIV test was conducted--United States, **BRFSS**, 2002-2006 pooled data

Setting type	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b,c</sup>	Estimated no. persons tested <sup>b,d</sup>
<b>Health care</b>	6,537	95.2	(94.4-95.9)	6,178	1,212,061
Private doctor or health maintenance organization	6,537	55.9	(53.9-57.9)	3,770	711,852
Hospital	6,537	17.4	(15.8-19.0)	1,146	221,526
Clinic	6,537	21.9	(19.9-23.8)	1,258	278,542
Jail or prison	6,537	-	-	-	-
<b>Non-health care</b>	6,537	4.7	(3.9-5.4)	340	59,653
Counseling and testing site	6,537	1.4	(1.1-1.8)	118	18,227
At home	6,537	0.9	(0.6-1.2)	65	11,588
Somewhere else	6,537	2.3	(1.8-2.9)	157	29,837
<b>Other</b>	6,537	-	-	-	-
<b>Total</b>	<b>6,537</b>	<b>100.0</b>	<b>-</b>	<b>6,537</b>	<b>1,278,214</b>

<sup>a</sup> Confidence interval.

<sup>b</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

## Survey of Americans on HIV/AIDS- KFF: Adults

Table 13. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** for HIV, by year--United States, **KFF**, 2004 and 2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2004	2,405	52.7	(50.3-55.2)	1,372	92,782,419
2006	1,885	53.7	(50.9-56.6)	1,035	98,029,701

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 14. Percentage and estimated number of **adults** aged 18-64 years who had tested for HIV in the **last 12 months**, by year--United States, **KFF**, 2004 and 2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2004	2,397	21.7	(19.7-23.7)	605	38,058,110
2006	1,876	20.3	(18.0-22.5)	407	36,841,477

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 15. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by demographic characteristics--United States, **KFF**, 2004 and 2006 pooled data

Characteristic	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>										
18-24	562	46.7	(41.4-52.0)	286	11,896,334	561	29.7	(25.0-34.3)	193	7,557,892
25-34	903	68.3	(64.4-72.2)	653	26,569,348	900	29.1	(25.5-32.7)	314	11,238,745
35-44	1,020	61.3	(57.6-65.0)	659	27,723,674	1,017	21.6	(18.5-24.7)	253	9,732,501
45-64	1,805	42.0	(39.2-44.8)	809	29,216,703	1,795	12.9	(11.0-14.8)	252	8,920,656
<b>Sex</b>										
Female	2,236	54.4	(51.7-57.0)	1,284	48,986,102	2,228	21.7	(19.5-23.8)	535	19,455,571
Male	2,054	52.1	(49.4-54.8)	1,123	46,419,958	2,045	20.3	(18.2-22.4)	477	17,994,223
<b>Ethnicity</b>										
Hispanic or Latino	786	54.8	(50.4-59.1)	446	12,824,091	781	28.8	(24.8-32.7)	225	6,706,690
Non-Hispanic or Latino	3,488	52.9	(50.9-55.0)	1,951	82,044,187	3,477	19.8	(18.2-21.4)	784	30,533,348
<b>Race</b>										
White	2,729	50.1	(47.8-52.3)	1,379	69,103,344	2,717	17.1	(15.4-18.8)	468	23,489,176
Black or African American	1,095	70.1	(66.5-73.7)	760	16,154,563	1,093	40.0	(36.0-43.9)	421	9,200,608
Other <sup>e</sup>	361	57.3	(50.9-63.8)	215	8,244,964	359	28.4	(22.5-34.2)	100	4,055,932
<b>Marital status</b>										
Married	2,265	50.6	(48.1-53.1)	1,199	50,836,338	2,256	17.4	(15.5-19.2)	433	17,369,793
Living as married	183	67.0	(58.5-75.4)	123	5,304,933	183	25.5	(17.8-33.3)	57	2,023,346
Divorced	517	59.4	(54.0-64.7)	304	11,638,196	514	22.5	(17.8-27.1)	117	4,356,488
Separated	137	66.5	(56.4-76.7)	94	3,032,093	136	35.1	(24.8-45.5)	47	1,597,878
Widowed	134	51.0	(40.3-61.8)	68	2,782,529	134	19.6	(11.0-28.3)	26	1,070,691
Never Married	1,039	53.0	(49.0-57.0)	611	21,602,485	1,036	26.9	(23.5-30.3)	328	10,942,035
<b>Region of residence<sup>f</sup></b>										
Midwest	744	48.5	(44.3-52.7)	385	20,104,739	741	15.6	(12.6-18.5)	142	6,430,278
Northeast	662	53.1	(48.4-57.7)	375	18,043,010	659	21.4	(17.8-25.0)	177	7,217,398
South	1,715	56.4	(53.4-59.3)	1,019	36,016,688	1,709	23.3	(20.8-25.9)	438	14,882,010
West	1,169	53.3	(49.6-57.0)	628	21,241,623	1,164	22.5	(19.3-25.6)	255	8,920,108
<b>Total</b>	<b>4,290</b>	<b>53.2</b>	<b>(51.4-55.1)</b>	<b>2,407</b>	<b>95,406,060</b>	<b>4,273</b>	<b>21.0</b>	<b>(19.5-22.5)</b>	<b>1,012</b>	<b>37,449,794</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes Asian and other or mixed race.

<sup>f</sup> The state of residence was categorized into four regions: Midwest (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin); Northeast (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia); and West (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming).

Table 16. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by socio-economic characteristics--United States, **KFF**, 2004 and 2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>										
Less than high school	534	52.5	(47.2-57.8)	296	12,397,610	531	23.4	(19.2-27.6)	146	5,486,406
High school graduate	1,253	48.3	(44.9-51.8)	663	27,243,554	1,249	22.4	(19.6-25.2)	339	12,615,218
Some college	1,159	58.0	(54.5-61.6)	687	29,052,314	1,153	21.4	(18.4-24.3)	279	10,633,982
College graduate	1,332	54.3	(51.0-57.6)	753	26,545,313	1,328	17.7	(15.1-20.2)	244	8,613,882
<b>Annual household income</b>										
Less than \$10,000	340	62.5	(55.7-69.4)	222	7,622,614	338	36.0	(29.3-42.8)	126	4,351,771
\$10,000-\$19,999	468	57.2	(51.3-63.1)	293	9,997,388	467	27.1	(22.1-32.2)	153	4,742,739
\$20,000-\$39,999	970	55.5	(51.6-59.4)	562	22,575,656	966	19.1	(16.1-22.0)	225	7,710,318
\$40,000-\$49,999	422	51.2	(45.1-57.3)	238	9,035,430	421	19.1	(14.5-23.7)	96	3,363,080
\$50,000-\$74,999	661	53.7	(49.0-58.5)	363	15,091,107	661	16.9	(13.3-20.5)	117	4,756,156
\$75,000 or more	854	54.7	(50.7-58.7)	471	20,555,198	852	19.6	(16.3-22.8)	168	7,323,084
<b>Religion</b>										
Protestant	2,351	52.1	(49.5-54.6)	1,304	49,123,239	2,342	20.7	(18.6-22.7)	557	19,417,519
Roman Catholic or Catholic	1,020	50.8	(47.0-54.6)	540	22,339,217	1,014	20.8	(17.8-23.8)	233	9,095,049
Jewish	52	60.9	(45.3-76.4)	32	1,413,277	-	-	-	-	-
Mormon	50	49.4	(31.8-67.0)	20	1,121,405	-	-	-	-	-
Orthodox Church	-	-	-	-	-	-	-	-	-	-
Islam or Muslim	-	-	-	-	-	-	-	-	-	-
Buddhist	-	-	-	-	-	-	-	-	-	-
Hindu	-	-	-	-	-	-	-	-	-	-
Other religion	102	70.6	(59.5-81.7)	69	2,815,493	-	-	-	-	-
No religion, atheist, or agnostic	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>4,290</b>	<b>53.2</b>	<b>(51.4-55.1)</b>	<b>2,407</b>	<b>95,406,060</b>	<b>4,273</b>	<b>21.0</b>	<b>(19.5-22.5)</b>	<b>1,012</b>	<b>37,449,794</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.



Table 17. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by HIV related characteristics--United States, **KFF**, 2004 and 2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Ever talked to a doctor about HIV</b>										
Yes	1,935	80.6	(78.3-82.8)	1,575	61,937,836	1,927	34.2	(31.5-36.9)	702	26,126,859
No	2,342	32.5	(30.2-34.8)	823	33,119,844	2,335	10.9	(9.5-12.4)	305	11,126,485
<b>Knowledge of being tested for HIV</b>										
Asked to be tested	2,362	51.9	(49.3-54.5)	1,266	48,461,772	997	49.7	(45.6-53.7)	505	18,321,260
Doctor or nurse told him or her	2,362	26.8	(24.4-29.1)	579	24,998,311	997	27.0	(23.4-30.5)	255	9,945,600
Under impression it was a routine part of an exam	2,362	21.3	(19.2-23.4)	517	19,892,129	997	23.4	(20.0-26.8)	237	8,629,338
<b>Results provided<sup>e</sup></b>										
Yes	-	-	-	-	-	403	87.2	(82.8-91.5)	363	31,789,284
No	-	-	-	-	-	403	12.8	(8.5-17.2)	40	4,668,246
<b>Total</b>	<b>4,290</b>	<b>53.2</b>	<b>(51.4-55.1)</b>	<b>2,407</b>	<b>95,406,060</b>	<b>4,273</b>	<b>21.0</b>	<b>(19.5-22.5)</b>	<b>1,012</b>	<b>37,449,794</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Asked in 2006 only to respondents who were tested in the last 12 months.

Table 18. Percentage and estimated number of **adults** aged 18-64 years who had tested for HIV in the **last 12 months**, by setting type where the last HIV test was conducted--United States, **KFF**, 2004 and 2006 pooled data

Characteristics	Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b,c</sup>	Estimated no. persons tested <sup>b,d</sup>
<b>Health care</b>	1,004	81.1	(78.0 - 84.2)	835	30,079,790
HIV clinic	1,004	3.7	(2.2 - 5.2)	45	1,377,684
General health clinic	1,004	27.6	(24.0 - 31.1)	293	10,218,522
Private doctor's office	1,004	47.0	(43.0 - 51.0)	475	17,413,342
Hospital	1,004	-	-	-	-
<b>Non-health care</b>	1,004	18.9	(15.8 - 22.0)	169	7,004,871
Home HIV test	1,004	17.5	(14.5 - 20.4)	158	6,471,295
Someplace else	1,004	-	-	-	-
<b>Total</b>	<b>1,004</b>	<b>100.0</b>	<b>-</b>	<b>1,004</b>	<b>37,084,661</b>

<sup>a</sup> Confidence interval.

<sup>b</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 19. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by PS07-768 status--United States, **KFF**, 2004 and 2006 pooled data

PS07-768 status	Ever tested					Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
<b>PS07-768 jurisdictions</b>	3,305	55.4	(53.2-57.6)	1,911	68,300,935	3,291	22.6	(20.9-24.4)	840	27,802,531
California <sup>d</sup>	771	53.0	(48.5-57.6)	413	11,285,146	768	25.1	(21.0-29.2)	187	5,325,203
Connecticut	41	-	-	-	-	41	-	-	-	-
District of Columbia	23	-	-	-	-	23	-	-	-	-
Florida	214	63.2	(55.1-71.3)	138	5,160,256	211	29.6	(21.8-37.4)	62	2,383,502
Georgia	149	58.7	(48.6-68.9)	96	3,368,915	149	22.0	(13.6-30.4)	36	1,262,822
Illinois <sup>e</sup>	142	45.6	(35.2-56.1)	75	2,480,999	140	20.8	(12.9-28.8)	37	1,114,447
Louisiana	74	65.7	(50.4-80.9)	51	1,385,477	74	-	-	-	-
Maryland	95	61.4	(47.9-75.0)	64	1,836,253	94	32.1	(19.9-44.3)	31	955,624
Massachusetts	60	59.3	(45.8-72.9)	36	2,294,616	59	-	-	-	-
Michigan	109	58.0	(46.6-69.4)	64	2,970,896	108	-	-	-	-
Mississippi	81	47.6	(34.1-61.1)	41	944,712	81	-	-	-	-
Missouri	74	57.1	(43.6-70.7)	43	2,186,837	74	-	-	-	-
New Jersey	98	55.2	(43.3-67.1)	57	2,202,578	98	27.9	(17.5-38.2)	30	1,112,617
New York <sup>f</sup>	265	57.3	(49.5-65.0)	165	6,089,047	263	27.5	(21.0-34.0)	86	2,886,242
North Carolina	147	54.3	(44.8-63.8)	82	3,517,342	147	26.0	(17.4-34.5)	36	1,684,399
Ohio	129	53.0	(42.8-63.2)	75	3,542,668	129	19.9	(11.7-28.1)	31	1,331,126
Pennsylvania <sup>g</sup>	153	43.1	(34.0-52.1)	73	4,024,868	153	16.2	(9.8-22.5)	35	1,512,972
South Carolina	75	71.8	(59.8-83.9)	51	1,631,190	75	-	-	-	-
Tennessee	84	49.4	(36.4-62.4)	46	1,822,885	83	-	-	-	-
Texas <sup>h</sup>	407	60.2	(54.3-66.2)	235	7,183,449	407	21.3	(16.3-26.4)	101	2,545,458
Virginia	114	56.3	(45.4-67.2)	67	2,734,959	114	-	-	-	-
<b>Non-PS07-768 jurisdictions</b>	985	48.5	(44.9-52.1)	496	27,105,125	982	17.3	(14.6-20.1)	172	9,647,262
Alabama	85	47.7	(34.7-60.6)	48	1,642,449	84	-	-	-	-
Alaska	-	-	-	-	-	-	-	-	-	-
Arizona	81	67.6	(54.8-80.5)	54	1,826,252	81	-	-	-	-
Arkansas	50	-	-	-	-	50	-	-	-	-
Colorado	68	51.3	(36.5-66.2)	35	1,355,834	67	-	-	-	-
Delaware	9	-	-	-	-	9	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-
Idaho	14	-	-	-	-	14	-	-	-	-
Indiana	66	-	-	-	-	66	-	-	-	-
Iowa	25	-	-	-	-	25	-	-	-	-
Kansas	23	-	-	-	-	23	-	-	-	-
Kentucky	60	-	-	-	-	60	-	-	-	-
Maine	21	-	-	-	-	21	-	-	-	-
Minnesota	65	-	-	-	-	65	-	-	-	-
Montana	14	-	-	-	-	14	-	-	-	-
Nebraska	22	-	-	-	-	22	-	-	-	-

PS07-768 status	Ever tested					Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
Nevada	31	-	-	-	-	31	-	-	-	-
New Hampshire	7	-	-	-	-	7	-	-	-	-
New Mexico	55	61.9	(46.6-77.2)	32	609,330	55	-	-	-	-
North Dakota	4	-	-	-	-	4	-	-	-	-
Oklahoma	30	-	-	-	-	30	-	-	-	-
Oregon	39	-	-	-	-	39	-	-	-	-
Rhode Island	7	-	-	-	-	7	-	-	-	-
South Dakota	14	-	-	-	-	14	-	-	-	-
Utah	14	-	-	-	-	14	-	-	-	-
Vermont	10	-	-	-	-	10	-	-	-	-
Washington	79	47.3	(35.2-59.3)	37	2,568,242	78	-	-	-	-
West Virginia	18	-	-	-	-	18	-	-	-	-
Wisconsin	71	46.2	(33.3-59.2)	34	2,226,036	71	-	-	-	-
Wyoming	3	-	-	-	-	3	-	-	-	-
<b>Total</b>	<b>4,290</b>	<b>53.2</b>	<b>(51.4-55.1)</b>	<b>2,407</b>	<b>95,406,060</b>	<b>4,273</b>	<b>21.0</b>	<b>(19.5-22.5)</b>	<b>1,012</b>	<b>37,449,794</b>

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

<sup>d</sup> Los Angeles and California health departments are funded under PS07-768.

<sup>e</sup> Chicago Health Department is funded under PS07-768, but not the state health department.

<sup>f</sup> New York City and New York State health departments are funded under PS07-768.

<sup>g</sup> Philadelphia and Pennsylvania health departments are funded under PS07-768.

<sup>h</sup> Houston and Texas health departments are funded under PS07-768.

## GSS: Adults

Table 20. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by demographic characteristics--United States, **GSS**, 2006

Characteristic	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>										
18-24	223	36.4	(29.0-43.8)	94	5,226,372	215	19.3	(13.0-25.7)	42	2,696,446
25-34	444	52.8	(47.2-58.4)	246	11,684,111	429	17.2	(13.2-21.1)	85	3,693,127
35-44	474	55.0	(49.7-60.2)	269	12,143,256	457	15.0	(11.0-18.9)	65	3,199,412
45-54	478	38.7	(33.5-43.9)	187	8,893,207	459	7.2	(4.7-9.7)	40	1,595,567
55-64	373	22.8	(18.1-27.4)	100	3,974,068	359	-	-	-	-
<b>Sex</b>										
Female	1,127	44.9	(41.5-48.3)	527	24,767,081	1,086	13.1	(10.8-15.4)	146	7,024,489
Male	865	39.1	(35.3-42.9)	369	17,153,932	833	11.6	(9.0-14.2)	107	4,923,521
<b>Ethnicity</b>										
Hispanic or Latino	153	47.2	(37.8-56.6)	75	3,971,147	148	-	-	-	-
Non-Hispanic or Latino	1,839	41.9	(39.2-44.5)	821	37,949,866	1,771	12.5	(10.7-14.3)	230	10,979,081
<b>Race</b>										
White	1,415	40.5	(37.5-43.5)	600	28,570,735	1,368	9.8	(8.0-11.7)	142	6,729,915
Black or African American	269	53.9	(46.3-61.6)	153	6,374,479	253	24.0	(17.5-30.6)	59	2,703,262
American Indian or Alaska Native	9	-	-	-	-	9	-	-	-	-
Asian <sup>e</sup>	64	-	-	-	-	64	-	-	-	-
Native Hawaiian or Pacific Islander <sup>f</sup>	5	-	-	-	-	4	-	-	-	-
Other	227	49.4	(41.7-57.0)	120	5,599,823	218	18.1	(12.5-23.7)	44	1,977,783
<b>Marital status</b>										
Married	924	38.9	(35.4-42.3)	362	20,340,197	900	9.4	(7.2-11.5)	82	4,787,189
Divorced	350	51.3	(45.1-57.4)	184	6,203,578	337	13.6	(9.5-17.7)	49	1,587,777
Separated	75	62.3	(48.3-76.4)	45	1,812,237	71	-	-	-	-
Widowed	56	-	-	-	-	54	-	-	-	-
Never Married	587	44.0	(39.0-49.0)	283	12,962,220	557	16.7	(12.9-20.5)	99	4,743,855
<b>Region of residence<sup>g</sup></b>										
Midwest	476	39.4	(34.4-44.3)	204	8,767,100	465	14.3	(10.7-17.9)	71	3,120,534
Northeast	295	38.3	(31.7-44.9)	115	6,601,374	282	-	-	-	-
South	733	43.3	(39.1-47.6)	334	14,866,481	709	13.0	(10.2-15.9)	96	4,346,546
West	488	46.4	(41.1-51.7)	243	11,686,058	463	10.6	(7.6-13.6)	57	2,554,758
<b>Total</b>	<b>1,992</b>	<b>42.3</b>	<b>(39.8-44.9)</b>	<b>896</b>	<b>43,470,254</b>	<b>1,919</b>	<b>12.4</b>	<b>(10.7-14.2)</b>	<b>253</b>	<b>11,948,010</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes Asian Indian, Chinese, Filipino, Japanese, Korean, Vietnamese, and other Asian.

<sup>f</sup> Includes Native Hawaiian, Guamanian or Chamorro, Samoan, and other Pacific Islander.

<sup>g</sup> The region of residence was categorized into four main geographic regions: Midwest (East North Central and West North Central), Northeast (New England and Middle Atlantic), South (East South Central and West South Central), and West (Mountain and Pacific).

Table 21. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by socio-economic characteristics--United States, **GSS**, 2006

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>										
Less than high school	166	39.2	(30.1-48.3)	72	3,270,012	159	13.5	(7.7-19.3)	25	1,098,931
High school graduate	539	41.0	(36.2-45.9)	232	10,861,252	527	13.6	(10.0-17.1)	70	3,516,383
Some college	705	43.0	(38.7-47.2)	330	15,018,880	671	12.9	(10.2-15.6)	101	4,325,609
College graduate	580	43.7	(38.9-48.6)	261	12,751,393	560	10.6	(7.4-13.9)	57	3,007,087
<b>Annual household income</b>										
Less than \$15,000	247	50.8	(43.4-58.3)	130	4,718,049	238	19.8	(13.8-25.7)	47	1,790,327
\$15,000-\$24,999	197	51.6	(43.4-59.8)	106	4,366,995	188	16.6	(10.9-22.2)	37	1,337,511
\$25,000-\$34,999	184	38.1	30.2-46.0)	77	2,856,148	177	10.7	(5.2-16.2)	18	775,143
\$35,000-\$49,999	270	42.4	(35.3-49.5)	119	5,292,590	260	15.4	(9.8-21.1)	35	1,873,587
\$50,000 or more	890	42.1	(38.3-45.9)	390	20,915,225	860	10.0	(7.7-12.4)	91	4,842,209
<b>Religion</b>										
Protestant	1,049	40.7	(37.3-44.2)	456	20,257,425	1,015	12.0	(9.7-14.3)	130	5,817,467
Catholic	415	35.7	(30.3-41.1)	158	8,433,087	407	9.2	(5.7-12.7)	40	2,140,407
Other <sup>e</sup>	153	51.4	(41.8-61.1)	88	4,142,535	141	18.0	(11.0-25.0)	31	1,353,092
None	370	51.7	(45.6-57.7)	191	8,938,975	351	15.4	(10.9-19.9)	50	2,536,256
<b>Total</b>	<b>1,992</b>	<b>42.3</b>	<b>(39.8-44.9)</b>	<b>896</b>	<b>41,921,013</b>	<b>1,919</b>	<b>12.4</b>	<b>(10.7-14.2)</b>	<b>253</b>	<b>11,948,010</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Other religion includes Jewish, Buddhism, Hinduism, Other Eastern, Moslem or Islam, Orthodox-Christian, Christian, Native American, Inter-nondenominational and, "other".

Table 22. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by testing setting where the last HIV test was conducted--United States, **GSS**, 2006

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b,c</sup>	Estimated no. persons tested <sup>b,d</sup>	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b,c</sup>	Estimated no. persons tested <sup>b,d</sup>
<b>Health care</b>	888	86.6	(83.9-89.3)	768	37,369,130	253	88.5	(83.0-93.9)	227	10,960,716
Private doctor or health maintenance organization	888	51.4	(47.5-55.4)	439	22,185,996	253	51.9	(44.5-59.4)	131	6,435,868
Hospital	888	14.8	(12.1-17.4)	136	6,366,697	253	16.7	(11.3-22.1)	41	2,065,011
Clinic	888	18.1	(15.2-21.0)	175	7,813,720	253	19.7	(14.1-25.3)	54	2,441,156
Jail or prison	888	-	-	-	-	253	-	-	-	-
<b>Non-health care</b>	888	13.4	(10.7-16.1)	120	5,767,390	253	11.5	(6.1-17.0)	46	1,428,846
Counseling and testing site	888	5.0	(3.1-6.8)	47	2,142,765	253	-	-	-	-
At home	888	-	-	-	-	253	-	-	-	-
Somewhere else	888	5.2	(3.5-6.8)	45	2,224,557	253	-	-	-	-
<b>Total</b>	<b>888</b>	<b>100.0</b>	<b>-</b>	<b>888</b>	<b>43,136,520</b>	<b>253</b>	<b>100.0</b>	<b>-</b>	<b>253</b>	<b>12,389,563</b>

<sup>a</sup> Confidence interval.

<sup>b</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

## HIV CT: Adults

Table 23. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adults** aged 18-64 years, by year--31 health departments,<sup>a</sup> **HIV CT**, 2002-2006<sup>b</sup>

Year	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
2002	1,211,010	19,500	1.6	12,516	1.0
2003	1,173,285	18,585	1.6	12,090	1.0
2004	1,193,872	17,528	1.5	12,158	1.0
2005	1,239,544	17,785	1.4	11,888	1.0
2006	1,258,204	17,486	1.4	11,572	0.9

<sup>a</sup> The following health departments reported test-level data each year from 2002-2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.



Table 24. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adults** aged 18-64 years, by demographic and testing characteristics--31 health departments,<sup>a</sup> **HIV CT, 2006<sup>b</sup>**

Characteristics	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
Age group (years)					
18-24	441,068	2,732	0.6	2,187	0.5
25-34	393,143	4,888	1.2	3,453	0.9
35-44	244,009	5,618	2.3	3,443	1.4
45-54	139,724	3,437	2.5	2,014	1.5
55-64	40,260	811	2.0	475	1.2
Sex					
Male	623,458	12,462	2.0	8,493	1.4
Female	627,580	4,909	0.8	2,995	0.5
Unknown or missing	7,166	115	1.6	84	1.2
Race/Ethnicity					
White, non-Hispanic	437,892	4,055	0.9	2,763	0.6
Black, non-Hispanic	501,121	9,398	1.9	6,227	1.3
Hispanic	254,336	3,375	1.3	2,085	0.8
Asian or Pacific Islander	22,646	172	0.8	135	0.8
American Indian or Alaskan Native	6,007	62	1.0	49	0.8
Other	19,824	250	1.3	187	1.0
Unknown or missing	16,378	174	1.1	126	0.8
Region <sup>d</sup>					
Northeast	317,173	4,422	1.4	2,897	0.9
Midwest	159,975	1,677	1.1	1,384	0.9
South	631,192	9,660	1.5	5,985	1.0
West	149,864	1,727	1.2	1,306	0.9
Risk category					
Male-to-male sexual contact and injection drug use	7,009	476	6.8	298	4.4
Male-to-male sexual contact	125,368	6,540	5.2	4,696	3.8
Injection drug use	75,764	1,361	1.8	655	0.9
Heterosexual contact	921,067	7,794	0.9	5,046	0.6
No acknowledged risk	85,029	862	1.0	600	0.7
Other or not specified <sup>e</sup>	43,967	453	1.0	277	0.6
Total	1,258,204	17,486	1.4	11,572	0.9

<sup>a</sup> The following health departments reported test-level data in 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.

<sup>d</sup> The selected health departments were categorized into four regions: Midwest (Chicago, Michigan, Minnesota, Missouri, Ohio, and Wisconsin); Northeast (Maine, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Delaware, District of Columbia, Florida, Georgia, Houston, Kentucky, Louisiana, South Carolina, Texas, and Virginia); and West (California, Colorado, Idaho, Montana, New Mexico, Oregon, San Francisco, and Utah).

<sup>e</sup> Other or not specified includes perinatal exposure, hemophilia, receipt of blood transfusion, health care exposure, "other," or "not specified."

Table 25. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adults** aged 18-64 years, by setting where the test was conducted--31 health departments,<sup>a</sup> **HIV CT**, 2006<sup>b</sup>

Setting type	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
<b>Health care</b>	870,724	10,561	1.2	6,417	0.7
STD clinic	344,988	3,591	1.0	2,646	0.8
Drug treatment center	76,250	1,295	1.7	619	0.8
Family planning clinic	92,193	180	0.2	159	0.2
Prenatal or Obstetrics-Gynecology clinic	79,963	263	0.3	196	0.3
Tuberculosis clinic	6,792	92	1.4	51	0.8
Community health center or public health clinic	154,785	3,560	2.3	1,757	1.2
Prison or jail	92,701	1,074	1.2	633	0.7
Hospital or private medical doctor's office	23,052	506	2.2	356	1.6
<b>Non-health care</b>	385,988	6,896	1.8	5,137	1.3
HIV counseling and testing center	238,404	4,392	1.8	3,242	1.4
Field visit	61,496	1,017	1.7	764	1.3
<b>Other</b>	86,097	1,487	1.7	1,131	1.3
<b>Missing</b>	1,492	29	1.9	18	1.2
<b>Total</b>	<b>1,258,204</b>	<b>17,486</b>	<b>1.4</b>	<b>11,572</b>	<b>0.9</b>

<sup>a</sup> The following health departments reported test-level data in 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.

Table 26. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adults** aged 18-64 years, by PS07-768 status--31 health departments, <sup>a</sup> **HIV CT**, 2006<sup>b</sup>

PS07-768 status	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
<b>PS07-768 health departments</b>	1,123,255	16,106	1.4	10,519	0.9
California	79,423	869	1.1	679	0.9
Chicago	20,699	346	1.7	321	1.6
District of Columbia	33,178	740	2.2	438	1.3
Florida	258,732	4,392	1.7	2,181	0.9
Georgia	115,457	1,942	1.7	1,263	1.1
Houston	12,657	330	2.6	244	1.9
Louisiana	43,103	539	1.3	430	1.0
Massachusetts	43,661	432	1.0	373	0.9
Michigan	39,774	349	0.9	269	0.7
Missouri	21,548	242	1.1	187	0.9
New Jersey	73,949	927	1.3	668	0.9
New York	142,752	2,619	1.8	1,529	1.1
Ohio	48,933	458	0.9	372	0.8
Pennsylvania	48,415	382	0.8	273	0.6
South Carolina	45,887	572	1.3	571	1.2
Texas	25,526	435	1.7	328	1.3
Virginia	69,565	532	0.8	393	0.6
<b>Non-PS07-768 health departments</b>	134,949	1,380	1.0	1,053	0.8
Colorado	15,079	159	1.1	141	0.9
Delaware	13,495	89	0.7	68	0.5
Idaho	2,869	18	0.6	13	0.5
Kentucky	13,592	89	0.7	69	0.5
Maine	1,824	12	0.7	9	0.5
Minnesota	10,665	171	1.6	145	1.4
Montana	3,310	7	0.2	7	0.2
New Mexico	6,115	51	0.8	38	0.6
Oregon	18,841	225	1.2	90	0.5
Rhode Island	4,384	46	1.1	42	1.0
San Francisco	17,338	332	1.9	288	1.7
Utah	6,889	66	1.0	50	0.7
Vermont	2,192	4	0.2	3	0.1
Wisconsin	18,356	111	0.6	90	0.5
<b>Total</b>	<b>1,258,204</b>	<b>17,486</b>	<b>1.4</b>	<b>11,572</b>	<b>0.9</b>

<sup>a</sup> The following health departments reported test-level data in 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test

## HIV CT: Adolescents

Table 27. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adolescents** aged 13-17 years, by year--31 health departments, <sup>a</sup> **HIV CT**, 2002-2006<sup>b</sup>

Year	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
2002	96,329	178	0.2	147	0.2
2003	85,631	203	0.2	166	0.2
2004	82,468	157	0.2	119	0.1
2005	81,478	163	0.2	125	0.2
2006	81,517	191	0.2	164	0.2

<sup>a</sup> The following health departments reported test-level data from 2002- 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.

Table 28. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adolescents** aged 13-17 years, by demographic and testing characteristics--31 health departments,<sup>a</sup> **HIV CT, 2006<sup>b</sup>**

Characteristic	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
Age (years)					
13	1,933	6	0.3	3	0.2
14	5,725	10	0.2	8	0.1
15	13,501	23	0.2	21	0.2
16	24,386	59	0.2	50	0.2
17	35,972	93	0.3	82	0.2
Sex					
Male	27,849	108	0.4	95	0.3
Female	53,164	82	0.2	68	0.1
Unreported	504	1	0.2	1	0.2
Race/Ethnicity					
White, non-Hispanic	27,280	21	0.1	18	0.1
Black, non-Hispanic	35,633	143	0.4	122	0.3
Hispanic	15,157	21	0.1	18	0.1
Asian or Pacific Islander	779	0	0.0	0	0.0
American Indian or Alaskan Native	403	3	0.7	3	0.7
Other	1,107	2	0.2	2	0.2
Unknown or missing	1,158	1	0.1	1	0.1
Region <sup>d</sup>					
Northeast	15,067	30	0.2	27	0.2
Midwest	8,536	39	0.5	34	0.4
South	50,505	116	0.2	97	0.2
West	7,409	6	0.1	6	0.1
Risk category					
Male-to-male sexual contact and injection drug use	96	1	1.0	1	1.0
Male-to-male sexual contact	3,076	72	2.3	65	2.1
Injection drug use	1,374	4	0.3	2	0.2
Heterosexual contact	66,865	86	0.1	73	0.1
No acknowledged risk	6,832	18	0.3	13	0.2
Other or not specified <sup>e</sup>	3,274	10	0.3	10	0.3
Total	81,517	191	0.2	164	0.2

<sup>a</sup> The following health departments reported test-level data in 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.

<sup>d</sup> The selected health departments were categorized into four regions: Midwest (Chicago, Michigan, Minnesota, Missouri, Ohio, and Wisconsin); Northeast (Maine, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Delaware, District of Columbia, Florida, Georgia, Houston, Kentucky, Louisiana, South Carolina, Texas, and Virginia); and West (California, Colorado, Idaho, Montana, New Mexico, Oregon, San Francisco, and Utah).

<sup>e</sup> Other or not specified includes perinatal exposure, hemophilia, receipt of blood transfusion, health care exposure, "other," or "not specified."

Table 29. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adolescents** aged 13-17 years, by setting where the test was conducted--31 health departments,<sup>a</sup> **HIV CT, 2006<sup>b</sup>**

Setting type	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
<b>Health care</b>	61,438	122	0.2	104	0.2
STD clinic	21,571	56	0.3	45	0.2
Drug treatment center	3,532	7	0.2	6	0.2
Family planning clinic	11,788	12	0.1	11	0.1
Prenatal or Obstetrics-Gynecology clinic	5,517	5	0.1	5	0.1
Tuberculosis clinic	338	0	0.0	0	0.0
Community health center or public health clinic	11,828	27	0.2	24	0.2
Prison or jail	5,769	8	0.1	6	0.1
Hospital or private medical doctor's office	1,095	7	0.6	7	0.6
<b>Non-health care</b>	19,940	68	0.3	59	0.3
HIV counseling and testing center	10,616	36	0.3	32	0.3
Field visit	3,677	11	0.3	11	0.3
<b>Other</b>	5,647	21	0.4	16	0.3
<b>Missing</b>	139	1	0.7	1	0.7
<b>Total</b>	<b>81,378</b>	<b>190</b>	<b>0.2</b>	<b>163</b>	<b>0.2</b>

<sup>a</sup> The following health departments reported test-level data in 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.

Table 30. Number of HIV tests, HIV-positive tests, and newly identified HIV-positive tests of **adolescents** aged 13-17 years, by PS07-768 status--31 health departments, <sup>a</sup> **HIV CT**, 2006<sup>b</sup>

PS07-768 status	Number HIV tests	HIV-positive tests		Newly identified HIV-positive tests <sup>c</sup>	
		Number	Row %	Number	Row %
<b>PS07-768 health departments</b>	74,459	183	0.3	156	0.2
California	4,317	3	0.1	3	0.1
Chicago	1,178	12	1.0	11	0.9
District of Columbia	2,180	13	0.6	12	0.6
Florida	25,995	49	0.2	35	0.1
Georgia	9,053	32	0.4	29	0.3
Houston	692	5	0.7	5	0.7
Louisiana	2,957	4	0.1	4	0.1
Massachusetts	1,627	0	0.0	0	0.0
Michigan	2,584	9	0.4	9	0.4
Missouri	996	5	0.5	3	0.3
New Jersey	3,946	10	0.3	8	0.2
New York	5,340	14	0.3	13	0.2
Ohio	2,500	11	0.4	9	0.4
Pennsylvania	3,746	5	0.1	5	0.1
South Carolina	1,960	4	0.2	4	0.2
Texas	1,349	6	0.4	5	0.4
Virginia	4,039	1	0.0	1	0.0
<b>Non-PS07-768 health departments</b>	7,058	8	0.1	8	0.1
Colorado	610	0	0.0	0	0.0
Delaware	986	2	0.2	2	0.2
Idaho	439	0	0.0	0	0.0
Kentucky	1,294	0	0.0	0	0.0
Maine	43	1	2.3	1	2.3
Minnesota	354	0	0.0	0	0.0
Montana	242	0	0.0	0	0.0
New Mexico	249	0	0.0	0	0.0
Oregon	1,188	1	0.1	1	0.1
Rhode Island	235	0	0.0	0	0.0
San Francisco	142	0	0.0	0	0.0
Utah	222	2	0.9	2	0.9
Vermont	130	0	0.0	0	0.0
Wisconsin	924	2	0.2	2	0.2
<b>Total</b>	<b>81,517</b>	<b>191</b>	<b>0.2</b>	<b>164</b>	<b>0.2</b>

<sup>a</sup> The following health departments reported test-level data in 2006: California, Chicago, Colorado, Delaware, District of Columbia, Florida, Georgia, Houston, Idaho, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Jersey, New Mexico, New York, Ohio, Oregon, Pennsylvania, Rhode Island, San Francisco, South Carolina, Texas, Utah, Vermont, Virginia, and Wisconsin.

<sup>b</sup> Data as of May 2010.

<sup>c</sup> Newly identified HIV-positive test is defined as a record for which there is a current HIV-positive test result and no history of a previous HIV-positive test.

## NHAMCS: Adults

Table 31. Percentage and estimated number of **adults** aged 18-64 years who had an HIV serology test ordered during an ED visit, by year--United States, **NHAMCS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	22,953	0.234	(0.166-0.302)	64	153,913
2003	24,225	0.323	(0.240-0.406)	96	217,839
2004	22,450	0.348	(0.267-0.429)	122	234,465
2005	20,404	0.504	(0.397-0.611)	230	351,266
2006	21,417	0.285	(0.211-0.360)	142	215,544

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.



Table 32. Percentage and estimated number of **adults** aged 18-64 years who had an HIV serology test ordered during an ED visit, by demographic and health care coverage characteristics--United States, **NHAMCS**, 2002-2006 pooled data

Characteristic	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>					
18-24	22,219	0.379	(0.288-0.470)	150	53,001
25-34	27,507	0.407	(0.322-0.491)	180	68,733
35-44	26,421	0.352	(0.277-0.428)	181	57,214
45-54	21,898	0.289	(0.210-0.369)	107	38,645
55-64	13,994	0.197	(0.107-0.286)	36	17,012
<b>Sex</b>					
Female	61,654	0.290	(0.242-0.337)	328	111,606
Male	50,385	0.401	(0.339-0.462)	326	122,999
<b>Ethnicity</b>					
Hispanic or Latino	15,272	0.616	(0.480-0.752)	183	50,514
Not Hispanic or Latino	92,745	0.303	(0.263-0.343)	459	177,372
<b>Race</b>					
White	80,116	0.242	(0.203-0.282)	307	122,026
Black or African American	27,078	0.609	(0.511-0.706)	297	100,948
Other <sup>e</sup>	4,548	0.538	(0.325-0.752)	50	11,632
<b>Region of hospital's location</b>					
Northeast	28,131	0.790	(0.676-0.904)	420	107,252
Midwest	22,354	0.206	(0.140-0.271)	53	32,764
South	39,026	0.245	(0.188-0.303)	111	67,361
West	22,475	0.223	(0.152-0.295)	70	27,229
<b>Metropolitan statistical area (MSA) of hospital's location</b>					
Yes	98,013	0.380	(0.337-0.423)	634	222,639
No	-	-	-	-	-
<b>Pregnancy test ordered</b>					
Yes	5,976	0.638	(0.424-0.852)	74	25,438
No	106,063	0.321	(0.283-0.359)	580	209,168
<b>Health insurance coverage<sup>f</sup></b>					
Yes	30,031	0.381	(0.309-0.453)	298	77,889
No	12,162	0.411	(0.275-0.548)	74	35,473
<b>Total</b>	<b>112,039</b>	<b>0.339</b>	<b>(0.302-0.377)</b>	<b>654</b>	<b>234,605</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes Asian, Native Hawaiian or Pacific Islander, and American Indian or Alaska Native.

<sup>f</sup> Calculated variable using the primary source of payment for the visit. Records with private insurance, Medicare, Medicaid or SCHIP, or "other" were classified as having health insurance coverage.

## NHANES: Adults

Table 33. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** for HIV, by year--United States, **NHANES**, 2001-2002, 2003-2004, and 2005-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2001-2002	3,963	38.5	(36.9-40.1)	1,545	20,033,175
2003-2004	3,560	38.9	(36.0-41.9)	1,436	20,003,466
2005-2006	3,835	42.3	(39.8-44.9)	1,695	22,785,406

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 34. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** for HIV, by demographic characteristics--United States, **NHANES**, 2001-2002, 2003-2004, and 2005-2006 pooled data

Characteristic	Ever tested				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>					
18-24	2,867	31.5	(28.6-34.3)	984	7,779,615
25-34	2,357	52.5	(49.4-55.7)	1,344	17,392,571
35-44	2,230	50.7	(48.4-52.9)	1,162	19,244,265
45-54	2,123	33.8	(48.4-52.9)	763	13,110,409
55-64	1,781	23.4	(30.7-36.9)	423	5,295,187
<b>Sex</b>					
Female	5,940	43.2	(41.2-45.1)	2,774	34,328,776
Male	5,418	36.7	(35.0-38.3)	1,902	28,493,271
<b>Race/Ethnicity</b>					
White	5,167	38.7	(37.1-40.3)	2,082	42,801,177
Black	2,655	54.8	(52.6-57.1)	1,363	9,979,181
Hispanic <sup>e</sup>	3,046	35.1	(32.5-37.3)	1,046	7,093,964
Other	490	35.5	(30.6-40.3)	185	2,947,725
<b>Marital status</b>					
Married	6,496	36.5	(34.7-38.3)	2,478	35,175,512
Living with a partner	808	49.5	(44.7-54.4)	397	5,834,904
Divorced	1,117	47.2	(44.0-50.3)	521	7,703,509
Separated	441	48.5	(40.6-56.3)	192	2,294,570
Widowed	412	35.1	(30.0-40.3)	140	1,682,912
Never Married	1,814	42.6	(39.5-45.8)	795	9,045,799
<b>Total</b>	<b>11,358</b>	<b>39.9</b>	<b>(38.5-41.4)</b>	<b>4,676</b>	<b>62,822,047</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes Mexican-Americans and other Hispanics.

Table 35. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** for HIV, by socio-economic characteristics--United States, **NHANES**, 2001-2002, 2003-2004, and 2005-2006 pooled data

Characteristics	Ever tested				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>					
Less than high school	2,456	36.6	(33.7-39.5)	912	8,625,250
High school graduate	2,320	38.8	(36.2-41.5)	979	14,536,391
Some college	2,932	41.5	(38.7-44.2)	1,359	20,394,778
College graduate	2,098	44.4	(41.9-47.0)	1,022	17,805,559
<b>Annual household income</b>					
Less than \$15,000	1,502	46.5	(43.2-49.8)	659	6,482,415
\$15,000-\$24,999	1,563	39.4	(36.1-42.7)	611	6,547,894
\$25,000-\$34,999	1,320	40.2	(36.2-44.2)	537	6,266,559
\$35,000-\$44,999	1,128	39.4	(34.6-44.2)	456	6,108,377
\$45,000-\$54,999	1,009	41.8	(38.5-45.0)	437	6,402,896
\$55,000 or more	4,046	38.8	(36.9-40.6)	1,680	27,697,312
<b>Total</b>	<b>11,358</b>	<b>39.9</b>	<b>(38.5-41.4)</b>	<b>4,676</b>	<b>62,822,047</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 36. Percentage and estimated number of adults aged 18-64 years who had **ever been tested** for HIV, by health care coverage or access--United States, **NHANES**, 2001-2002, 2003-2004, and 2005-2006 pooled data

Characteristics	Ever tested				
	Sample size <sup>a</sup>	% tested	(95% CI) <sup>b</sup>	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care coverage</b>					
Yes	8,269	40.4	(38.8-42.0)	3,557	49,736,139
No	2,984	38.2	(35.7-40.8)	1,076	12,569,568
<b>Have a place to go for health care needs</b>					
Yes	9,049	40.7	(39.1-42.4)	3,903	52,620,018
No	2,229	36.4	(33.6-39.2)	740	9,808,811
<b>Type of place most visited for health care needs</b>					
Clinic or health center	2,283	39.6	(36.7-42.6)	964	10,785,773
Doctor's office or health maintenance organization	6,182	40.7	(38.8-42.6)	2,680	38,798,734
Hospital emergency room	281	43.8	36.5-51.0)	122	1,304,246
Hospital outpatient department	220	53.6	(44.1-63.1)	116	1,282,952
Some other place	157	36.2	(25.2-47.1)	53	812,966
<b>Times received health care services in the past year</b>					
None	2,186	31.3	(28.3-34.3)	636	8,967,189
1 time	2,325	36.6	(34.2-39.1)	858	12,411,422
2-3 times	2,919	39.2	(37.0-41.5)	1,176	16,326,333
4-9 times	2,352	43.3	(40.4-46.2)	1,087	14,013,302
10-12 times	682	53.9	(49.1-58.6)	390	4,563,877
13 or more times	888	53.2	(49.2-57.2)	526	6,478,788
<b>Time since last health care visit</b>					
Less than 6 months	59	34.7	(21.5-48.0)	24	224,469
6-11 months	109	30.0	(18.0-42.0)	30	374,023
1-3 years	1,265	36.4	(32.5-40.4)	428	6,241,584
More than 3 years	677	22.7	(18.9-26.4)	146	2,044,842
Never	73	13.9	(3.5-24.3)	8	82,271
<b>Total</b>		<b>39.9</b>	<b>(38.5-41.4)</b>	<b>4,676</b>	<b>62,822,047</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 37. Number of **adults** aged 18-49 years tested for HIV and number and percentage of those who were HIV-positive, by year--United States, **NHANES**, 2001-2002, 2003-2004, and 2005-2006

Year	Total tested	HIV-positives	
		Number	%
2001-2002	2,910	14	0.5
2003-2004	2,610	14	0.5
2005-2006	2,856	15	0.5

Table 38. Number of **adults** aged 18-49 years tested for HIV and number and percentage of those who were HIV-positive, by demographic characteristics--United States, **NHANES**, 2001-2002, 2003-2004, and 2005-2006 pooled data

Characteristic	Total tested	HIV-positive	
		Number	%
Age group (years)			
18-24	984	2	0.2
25-34	1,344	14	1.0
35-44	1,162	19	1.6
45-49	422	8	1.9
Sex			
Female	4,423	16	0.4
Male	3,953	27	0.7
Race/Ethnicity			
White	3,596	7	0.2
Black	1,999	26	1.3
Hispanic <sup>a</sup>	2,432	10	0.4
Other	349	0	-
Total	4,676	43	0.5

<sup>a</sup> Includes Mexican-Americans and other Hispanics.

## NHIS: Adults

Table 39. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** for HIV, by year--United States, **NHIS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	24,253	39.3	(38.4-40.1)	10,234	65,289,695
2003	24,042	40.2	(39.4-41.0)	10,303	68,831,021
2004	24,377	39.0	(38.2-39.8)	10,188	67,977,759
2005	24,286	39.9	(39.1-40.7)	10,321	70,036,336
2006	18,807	40.4	(39.4-41.4)	8,213	71,468,420

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 40. Percentage and estimated number of **adults** aged 18-64 years who had tested for HIV in the **last 12 months**, by year--United States, **NHIS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	23,800	10.0	(9.6-10.5)	2,648	16,406,689
2003	23,536	10.8	(10.4-11.3)	2,871	18,219,820
2004	23,982	9.8	(9.4-10.3)	2,617	16,829,344
2005	23,905	10.4	(10.0-10.9)	2,771	18,042,610
2006	18,061	10.4	(9.9-10.9)	2,189	17,775,006

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 41. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by demographic characteristics--United States, **NHIS**, 2002-2006 pooled data

Characteristic	Ever tested					Tested in the last 12 months				
	Sample Size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>										
18-24	15,264	32.5	(31.4-33.5)	5,661	8,848,349	14,963	15.0	(14.2-15.7)	2,612	4,006,045
25-34	26,497	54.7	(53.8-55.5)	15,096	20,384,586	25,829	15.1	(14.6-15.6)	4,397	5,510,790
35-44	28,699	48.1	(47.4-48.8)	14,436	19,987,624	28,068	9.6	(9.2-10.0)	3,046	3,893,977
45-54	26,031	33.6	(32.9-34.3)	9,355	13,250,295	25,462	6.8	(6.4-7.1)	1,955	2,623,178
55-64	19,274	22.9	(22.1-23.7)	4,711	6,249,792	18,962	5.3	(4.9-5.7)	1,086	1,420,704
<b>Sex</b>										
Female	63,622	43.7	(43.2-44.3)	29,676	38,557,277	62,166	11.8	(11.4-12.1)	8,157	10,154,555
Male	52,143	35.6	(35.1-36.2)	19,583	30,163,369	51,118	8.8	(8.5-9.1)	4,939	7,300,139
<b>Ethnicity</b>										
Hispanic or Latino	22,169	41.8	(40.8-42.8)	9,824	9,659,295	21,607	12.3	(11.7-13.0)	2,896	2,777,258
Non-Hispanic or Latino	93,187	39.4	(39.0-39.9)	39,243	58,900,154	91,277	10.0	(9.7-10.2)	10,140	14,629,632
<b>Race</b>										
White	85,939	37.1	(36.6-37.6)	33,675	50,253,665	84,471	8.6	(8.4-8.9)	7,952	11,476,413
Black	17,339	56.0	(54.9-57.2)	10,074	11,723,181	16,703	20.5	(19.7-21.3)	3,574	4,133,676
Other <sup>e</sup>	6,352	38.3	(36.8-39.7)	2,558	3,682,288	6,188	10.1	(9.2-11.0)	661	944,491
<b>Marital status</b>										
Married	56,428	38.7	(38.2-39.3)	22,645	38,562,865	55,377	8.4	(8.1-8.7)	5,047	8,202,127
Living with a partner	6,617	53.1	(51.6-54.5)	3,573	6,095,803	6,435	15.2	(14.2-16.2)	1,018	1,697,816
Divorced	15,653	46.6	(45.7-47.6)	7,412	7,114,513	15,277	10.9	(10.3-11.5)	1,752	1,624,498
Separated	4,187	53.0	(51.1-54.8)	2,293	2,023,931	4,046	15.1	(13.8-16.5)	657	560,199
Widowed	2,917	30.7	(28.6-32.7)	891	836,676	2,870	8.0	(6.9-9.2)	231	214,916
Never Married	29,498	35.2	(34.4-36.1)	12,278	13,916,879	28,840	13.1	(12.6-13.7)	4,337	5,098,937
<b>Region of residence<sup>f</sup></b>										
Northeast	19,692	39.0	(38.1-39.9)	8,395	12,227,001	19,187	9.6	(9.2-10.1)	2,150	2,953,138
Midwest	26,170	34.6	(33.6-35.5)	9,625	14,516,748	25,739	8.4	(8.0-8.9)	2,364	3,491,782
South	42,939	43.2	(42.4-44.0)	19,602	27,470,046	41,961	12.5	(12.1-12.9)	5,809	7,777,918
West	26,964	40.4	(39.6-41.2)	11,637	14,506,850	26,397	9.2	(8.7-9.6)	2,773	3,231,855
<b>Pregnant at time of interview<sup>g</sup></b>										
Yes	1,619	78.7	(76.3-81.1)	1,299	1,863,086	1,581	56.4	(53.4-59.3)	931	1,303,281
No	44,405	50.1	(49.5-50.8)	23,876	31,013,911	43,267	12.8	(12.4-13.2)	6,314	7,737,035
<b>Total</b>	<b>115,765</b>	<b>39.8</b>	<b>(39.3-40.2)</b>	<b>49,259</b>	<b>68,720,646</b>	<b>113,284</b>	<b>10.3</b>	<b>(10.1-10.5)</b>	<b>13,096</b>	<b>17,454,694</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes American Indian or Alaska Native, Asian, and Native Hawaiian or Pacific Islander.

<sup>f</sup> The state of residence was categorized into four regions: Midwest (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin); Northeast (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia); and West (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming).

<sup>g</sup> Pregnancy status was asked of women aged 18-44 years.

Table 42. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by socio-economic characteristics--United States, **NHIS**, 2002-2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>										
Less than high school	274	36.9	(36.0-37.9)	7,732	9,257,573	270	11.2	(10.6-11.7)	2,374	2,731,528
High school graduate	16,526	35.9	(35.2-36.5)	12,348	17,557,620	16,179	9.6	(9.2-10.0)	3,364	4,610,391
Some college	13,430	41.0	(40.1-41.9)	10,457	14,394,146	13,119	11.1	(10.6-11.7)	2,858	3,833,041
College graduate	4,377	43.4	(42.8-44.0)	18,432	27,066,845	4,274	10.1	(9.8-10.4)	4,431	6,181,257
<b>Annual household income</b>										
Less than \$10,000	9,008	43.4	(41.5-45.3)	4,200	3,919,395	8,771	15.8	(14.7-16.8)	1,492	1,389,126
\$10,000-\$19,999	11,319	43.7	(42.5-44.8)	5,222	5,389,410	11,093	13.4	(12.6-14.2)	1,626	1,625,139
\$20,000-\$34,999	18,339	41.8	(40.9-42.7)	8,165	9,704,951	17,967	12.0	(11.4-12.6)	2,342	2,733,488
\$35,000-\$54,999	18,678	41.2	(40.3-42.1)	8,199	11,356,899	18,334	10.2	(9.7-10.7)	2,055	2,752,991
\$55,000-\$74,999	12,459	40.9	(40.0-41.9)	5,360	8,656,008	12,266	9.5	(9.0-10.0)	1,235	1,989,033
\$75,000 or more	21,530	39.8	(38.9-40.6)	9,138	16,671,249	21,226	9.0	(8.6-9.4)	2,034	3,711,424
<b>Total</b>	<b>115,765</b>	<b>39.8</b>	<b>(39.3-40.2)</b>	<b>49,259</b>	<b>68,720,646</b>	<b>113,284</b>	<b>10.3</b>	<b>(10.1-10.5)</b>	<b>13,096</b>	<b>17,454,694</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 43. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by health care coverage and HIV-related characteristics--United States, **NHIS**, 2002-2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care coverage</b>										
Yes	90,941	39.4	(38.9-39.9)	38,449	54,775,685	89,030	10.2	(9.9-10.4)	10,253	13,855,928
No	24,378	41.3	(40.5-42.1)	10,657	13,693,023	23,830	10.8	(10.3-11.3)	2,793	3,506,762
<b>Had HIV risk factors<sup>e</sup></b>										
Yes	3,434	69.6	(67.5-71.7)	2,483	3,153,233	3,337	22.2	(20.5-23.9)	801	979,199
No	109,641	38.9	(38.4-39.3)	45,537	63,840,610	107,462	10.0	(9.7-10.2)	12,002	16,076,579
<b>Chance of getting HIV</b>										
High	753	66.2	(62.1-70.3)	537	660,091	731	22.4	(18.9-25.9)	186	216,255
Medium	2,054	52.5	(49.8-55.2)	1,162	1,510,791	1,993	19.0	(17.1-20.9)	423	531,719
Low	28,759	44.7	(43.9-45.5)	13,809	18,381,918	28,108	12.5	(12.0-12.9)	3,900	5,009,296
None	82,267	37.7	(37.2-38.2)	33,025	47,284,125	80,657	9.3	(9.1-9.6)	8,401	11,472,178



Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Sexually transmitted disease diagnosis in past five years</b>										
Yes	2,060	77.4	(75.3-79.6)	1,666	2,034,550	1,998	30.9	(28.6-33.2)	677	787,547
No	80,970	44.1	(43.6-44.6)	38,386	54,165,584	79,178	11.6	(11.3-11.9)	377	13,965,693
<b>Reasons for testing</b>										
Someone suggested to be tested	48,784	4.4	(4.2-4.6)	2,261	2,988,799	13,014	3.4	(3.1-3.8)	477	598,744
Sex or drug exposure	48,784	4.2	(4.0-4.4)	2,291	2,858,628	13,014	3.6	(3.3-4.0)	556	633,290
Work exposure	48,784	3.6	(3.4-3.9)	1,598	2,463,699	13,014	2.8	(2.4-3.1)	337	482,598
To find out if infected	48,784	10.6	(10.2-10.9)	5,694	7,204,465	13,014	9.8	(9.1-10.4)	1,399	1,694,777
Medical check-up or hospital surgical procedure	48,784	26.2	(25.5-26.9)	13,102	17,818,719	13,014	38.1	(36.9-39.3)	5,041	6,613,113
Sick or medical problem	48,784	2.1	(2.0-2.3)	1,019	1,447,183	13,014	2.2	(1.9-2.5)	293	379,270
Pregnancy or delivery	48,784	18.0	(17.6-18.5)	8,962	12,281,355	13,014	16.3	(15.5-17.1)	2,069	2,827,062
Health or life insurance coverage	48,784	8.2	(7.9-8.6)	3,502	5,593,162	13,014	8.3	(7.7-8.9)	915	1,443,455
Military	48,784	3.4	(3.2-3.7)	1,417	2,344,622	13,014	2.2	(1.9-2.6)	232	383,178
Immigration	48,784	3.4	(3.2-3.7)	1,681	2,331,738	13,014	1.8	(1.4-2.1)	228	304,828
Marriage license	48,784	4.7	(4.4-3.9)	1,879	3,186,444	13,014	1.0	(0.8-1.2)	99	174,949
Concerned about spreading HIV	48,784	0.2	(0.1-0.2)	95	125,994	13,014	0.2	(0.1-0.3)	24	33,643
Medical care or treatment (if HIV-positive)	48,784	0.1	(0.1-0.1)	62	75,034	13,014	0.1	(0.0-0.2)	18	17,725
Some other reason	48,784	5.4	(5.2-5.7)	2,505	3,700,379	13,014	4.9	(4.4-5.4)	577	843,658
No particular reason	48,784	5.3	(5.0-5.6)	2,716	3,628,669	13,014	5.4	(4.8-5.9)	749	929,198
<b>Who administered test?</b>										
Nurse or health worker	2,025	93.5	(92.3-94.7)	1,884	3,154,177	590	95.1	(93.9-96.2)	552	903,167
Self-sampling kit	2,025	6.5	(5.3-7.7)	141	218,776	590	4.9	(3.8-6.1)	38	46,983
<b>Total</b>	<b>115,765</b>	<b>39.8</b>	<b>(39.3-40.2)</b>	<b>49,259</b>	<b>68,720,646</b>	<b>113,284</b>	<b>10.3</b>	<b>(10.1-10.5)</b>	<b>13,096</b>	<b>17,454,694</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Persons were asked if any of the following HIV risk factors were true for them but not which applied to them: have hemophilia and have received clotting factor concentrations; was a man who has had sex with other men, even just one time; have taken street drugs by needle, even just one time; have traded sex for money or drugs, even just one time; have tested positive for HIV; or have had sex (even just one time) with someone who would answer "yes" to any of these statements.

Table 44. Percentage and estimated number of **adults** aged 18-64 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by testing setting where the last HIV test was conducted--United States, **NHIS**, 2002-2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care</b>	<b>13,048</b>	<b>81.3</b>	<b>(80.8-81.8)</b>	<b>39,883</b>	<b>55,080,060</b>	<b>13,048</b>	<b>82.0</b>	<b>(81.1-82.9)</b>	<b>10,798</b>	<b>14,251,099</b>
Private doctor or health maintenance organization	13,048	50.2	(49.6-50.9)	24,320	34,051,556	13,048	50.6	(49.6-51.7)	6,609	8,805,264
Public health department	13,048	5.9	(5.6-6.2)	3,001	3,993,839	13,048	5.1	(4.6-5.6)	701	889,530
Drug treatment facility	13,048	0.2	(0.2-0.3)	115	163,162	13,048	0.3	(0.2-0.5)	40	60,110
Correctional facility (jail or prison)	13,048	0.7	(0.6-0.8)	318	485,167	13,048	0.5	(0.4-0.7)	57	95,236
Hospital or emergency room or outpatient clinic	13,048	17.9	(17.4-18.3)	8,749	12,102,156	13,048	18.6	(17.7-19.5)	2,438	3,235,266
Family planning clinic	13,048	1.4	(1.3-1.6)	830	982,482	13,048	1.8	(1.5-2.0)	267	305,222
Prenatal clinic	13,048	0.4	(0.3-0.5)	250	274,593	13,048	0.5	(0.3-0.6)	74	80,441
TB clinic	-	-	-	-	-	-	-	-	-	-
STD clinic	13,048	0.1	(0.1-0.1)	51	59,506	13,048	0.1	(0.0-0.1)	11	13,761
Community health clinic	13,048	2.6	(2.5-2.8)	1,448	1,791,299	13,048	2.7	(2.4-3.0)	400	468,221
Employer or insurance company clinic	13,048	0.6	(0.6-0.7)	310	438,183	13,048	0.7	(0.5-0.9)	87	123,531
Other type of clinic	13,048	1.7	(1.6-1.9)	801	1,176,300	13,048	1.7	(1.4-2.0)	201	298,048
<b>Non-health care</b>	<b>13,048</b>	<b>18.7</b>	<b>(18.2-19.2)</b>	<b>8,722</b>	<b>12,694,277</b>	<b>13,048</b>	<b>18.0</b>	<b>(17.1-18.9)</b>	<b>2,250</b>	<b>3,136,293</b>
At home	13,048	5.0	(4.8-5.3)	2,037	3,394,068	13,048	5.5	(5.0-6.0)	592	953,619
Military induction or military service site	13,048	3.9	(3.6-4.1)	1,597	2,621,798	13,048	2.6	(2.2-3.0)	270	445,938
Immigration site	13,048	1.0	(0.9-1.2)	499	702,127	13,048	0.6	(0.4-0.8)	70	100,117
AIDS clinic or counseling & testing site	13,048	5.0	(4.7-5.2)	2,814	3,372,514	13,048	5.1	(4.6-5.6)	794	886,576
Other location	13,048	3.2	(3.0-3.4)	1,465	2,165,587	13,048	3.6	(3.1-4.1)	437	626,513
<b>Total</b>	<b>13,048</b>	<b>100.0</b>	<b>-</b>	<b>48,605</b>	<b>67,774,337</b>	<b>13,048</b>	<b>100.0</b>	<b>-</b>	<b>13,048</b>	<b>17,387,393</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

## NHIS: Pregnant women

Table 45. Percentage and estimated number of **pregnant women** aged 18-49 years who had tested for HIV in the **last 12 months**, by year--United States, **NHIS**, 2002-2006

Year	Sample size	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	Estimated no. persons tested <sup>c</sup>
2002	355	50.7	(46.6-54.9)	192	1,184,064
2003	336	59.8	(56.4-63.3)	212	1,479,236
2004	293	53.3	(48.9-57.8)	161	1,151,929
2005	334	56.9	(53.2-60.7)	199	1,343,383
2006	263	60.7	(56.1-65.4)	167	1,357,794

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Weighted.

Table 46. Percentage and estimated number of **pregnant women** aged 18-49 years who had tested for HIV in the **last 12 months**, by demographic characteristics--United States, **NHIS**, 2002-2006 pooled data

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>					
18-24	510	65.0	(60.2-69.8)	338	509,814
25-34	835	53.8	(50.3-57.4)	483	638,660
35-44	227	46.2	(38.8-53.6)	108	151,706
45-49	-	-	-	-	-
<b>Ethnicity</b>					
Hispanic or Latino	451	56.7	(51.6-61.8)	261	255,806
Non-Hispanic or Latino	1,124	56.3	(53.0-59.5)	666	1,045,158
<b>Race</b>					
White	1,136	53.9	(50.8-57.1)	638	962,047
Black	245	70.9	(63.5-78.2)	178	199,198
Other <sup>e</sup>	94	58.5	(47.5-69.5)	54	80,650
<b>Marital status</b>					
Married	1,077	52.7	(49.5-55.9)	589	891,032
Living with a partner	144	60.7	(53.1-68.3)	89	136,431
Divorced	-	-	-	-	-
Separated	-	-	-	-	-
Widowed	-	-	-	-	-
Never Married	281	72.1	(65.1-79.0)	201	235,884
<b>Region of residence<sup>f</sup></b>					
Northeast	255	59.7	(51.8-67.5)	159	242,572
Midwest	332	47.6	(41.6-53.6)	165	256,911
South	596	61.4	(57.2-65.6)	386	539,262
West	398	54.3	(48.5-60.2)	221	264,536
<b>Total</b>	<b>1,581</b>	<b>56.4</b>	<b>(53.6-59.2)</b>	<b>931</b>	<b>1,303,281</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Includes American Indian or Alaska Native, Asian, and Native Hawaiian or Pacific Islander.

<sup>f</sup> The state of residence was categorized into four regions: Midwest (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin); Northeast (Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont); South (Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia); and West (Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming).

Table 47. Percentage and estimated number of **pregnant women** aged 18-49 years who had tested for HIV in the **last 12 months**, by socio-economic characteristics--United States, **NHIS**, 2002-2006 pooled data

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>					
Less than high school	256	56.0	(49.6-62.5)	202	229,594
High school graduate	392	61.2	(55.3-67.1)	257	351,757
Some college	283	61.5	(55.5-67.5)	181	270,118
College graduate	544	50.9	(46.6-55.2)	289	448,037
<b>Annual household income</b>					
Less than \$10,000	142	66.6	(57.9-75.2)	97	94,869
\$10,000-19,999	175	57.9	(49.8-66.0)	107	98,309
\$20,000-34,999	274	63.6	(57.6-69.7)	178	223,960
\$35,000-54,999	217	50.6	(43.1-58.0)	118	188,416
\$55,000-74,999	164	50.8	(42.6-59.0)	85	140,781
\$75,000 or more	297	55.8	(50.2-61.5)	170	300,538
<b>Total</b>	<b>1,581</b>	<b>56.4</b>	<b>(53.6-59.2)</b>	<b>931</b>	<b>1,303,281</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 48. Percentage and estimated number of **pregnant women** aged 18-49 years who had tested for HIV in the **last 12 months**, by health care coverage and HIV-related characteristics--United States, **NHIS**, 2002-2006 pooled data

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care coverage</b>					
Yes	1,372	57.4	(54.5-60.3)	838	1,173,953
No	201	47.0	(39.1-55.0)	88	116,956
<b>Had HIV risk factors<sup>e</sup></b>					
Yes	26	-	-	-	-
No	1,525	56.6	(53.8-59.5)	903	1,263,246
<b>Chance of getting HIV</b>					
High	-	-	-	-	-
Medium	-	-	-	-	-
Low	312	56.8	(51.0-62.6)	184	260,577
None	1,214	56.7	(53.5-60.0)	721	1,005,697
<b>Sexually transmitted disease diagnosis in past five years</b>					
Yes	78	64.4	(52.5-76.2)	54	71,257
No	1,487	56.1	(53.3-58.9)	870	1,223,723
<b>Reasons for testing</b>					
Someone suggested to be tested	-	-	-	-	-
Sex or drug exposure	-	-	-	-	-
Work exposure	-	-	-	-	-
To find out if infected	-	-	-	-	-
Medical check-up or hospital surgical procedure	929	10.2	(8.0-12.3)	90	132,273
Sick or medical problem	-	-	-	-	-
Pregnancy or delivery	929	82.2	(79.6-84.7)	768	1,069,548
Health or life insurance coverage	-	-	-	-	-
Military	-	-	-	-	-
Immigration	-	-	-	-	-
Marriage license	-	-	-	-	-
Concerned about spreading HIV	-	-	-	-	-
Medical care or treatment, (if HIV-positive)	-	-	-	-	-
Some other reason	-	-	-	-	-
No particular reason	-	-	-	-	-
<b>Total</b>	<b>929</b>	<b>56.4</b>	<b>(53.6-59.2)</b>	<b>931</b>	<b>1,303,281</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Persons were asked if any of the following HIV risk factors were true for them but not which applied to them: have hemophilia and have received clotting factor concentrations; was man who has had sex with other men, even just one time; have taken street drugs by needle, even just one time; have traded sex for money or drugs, even just one time; have tested positive for HIV; or have had sex (even just one time) with someone who would answer "yes" to any of these statements.

Table 49. Percentage and estimated number of **pregnant women** aged 18-49 years who had tested for HIV in the **last 12 months**, by testing setting where the last HIV test was conducted--United States, **NHIS, 2002-2006** pooled data

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care</b>	930	93.1	(91.5-94.8)	859	1,212,213
Private doctor or health maintenance organization	930	68.8	(66.1-71.4)	624	895,144
Public health department	-	-	-	-	-
Drug treatment facility	-	-	-	-	-
Correctional facility (jail or prison)	-	-	-	-	-
Hospital or emergency room or outpatient clinic	930	15.5	(13.3-17.6)	141	201,591
Family planning clinic	-	-	-	-	-
Prenatal clinic	930	3.0	(1.9-4.0)	32	38,433
TB clinic	-	-	-	-	-
STD clinic	-	-	-	-	-
Community health clinic	-	-	-	-	-
Other type of clinic	-	-	-	-	-
<b>Non-health care</b>	930	6.9	(5.2-8.5)	71	89,768
At home	-	-	-	-	-
Military induction or military service site	-	-	-	-	-
Employer or insurance company	-	-	-	-	-
Immigration site	-	-	-	-	-
AIDS clinic or counseling & testing site	930	3.5	(2.4-4.6)	40	46,027
Other location	-	-	-	-	-
<b>Total</b>	<b>930</b>	<b>100.0</b>	<b>-</b>	<b>930</b>	<b>1,301,981</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

## NSFG: Adults

Table 50. Percentage and estimated number of **adults** aged 18-44 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by demographic characteristics--United States, **NSFG, 2002**

Characteristic	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>										
18-24	3,245	38.2	(35.6-40.7)	1,375	10,675,667	3,236	18.6	(17.0-20.3)	660	5,192,662
25-34	4,069	62.8	(60.4-65.2)	2,718	24,306,698	4,047	19.6	(17.9-21.3)	914	7,538,493
35-44	3,865	57.7	(55.2-60.2)	2,356	25,016,993	3,831	12.8	(11.1-14.5)	596	5,522,282
<b>Sex</b>										
Female	6,921	59.0	(57.2-60.8)	4,353	32,585,246	6,883	17.8	(16.7-18.9)	1,431	9,800,115
Male	4,258	50.0	(47.4-52.6)	2,096	27,414,112	4,231	15.5	(14.0-17.1)	739	8,453,321
<b>Ethnicity</b>										
Hispanic or Latino	2,426	53.6	(49.9-57.4)	1,402	9,314,108	2,414	20.2	(18.0-22.4)	523	3,484,247
Non-Hispanic or Latino	8,750	54.7	(52.9-56.4)	5,044	50,636,190	8,697	16.0	(14.9-17.1)	1,645	14,744,504
<b>Race</b>										
White	7,895	53.1	(51.2-54.9)	4,347	45,833,188	7,848	14.8	(13.6-15.9)	1,314	12,677,353
Black	2,424	58.7	(40.4-77.0)	35	404,172	2,410	26.7	(24.3-29.1)	692	4,136,400
Asian	376	44.5	(36.5-52.5)	159	1,719,581	374	13.4	(6.5-20.2)	51	514,559
American Indian or Alaskan Native	398	53.0	(45.4-60.5)	234	1,841,351	397	20.5	(14.6-26.5)	98	707,259
Native Hawaiian or Pacific Islander	71	58.7	(40.4-77.0)	35	404,172	-	-	-	-	-
<b>Marital status</b>										
Married	4,269	57.4	(55.3-59.6)	2,631	30,728,567	4,244	13.6	(12.0-15.2)	686	7,238,302
Living with a partner	1,089	62.4	(58.4-66.3)	700	6,858,154	1,085	20.3	(16.6-23.9)	256	2,220,618
Divorced	896	66.4	(61.4-71.3)	620	4,895,123	888	23.9	(19.2-28.5)	212	1,744,031
Separated	385	71.0	(63.9-78.2)	278	1,815,050	382	24.2	(18.1-30.2)	98	611,667
Widowed	56	60.2	(45.4-75.1)	36	173,344	55	-	-	-	-
Never Married	4,484	43.9	(41.6-46.3)	2,184	15,529,120	4,460	18.1	(16.7-19.6)	905	6,377,507
<b>Pregnant at time of interview</b>										
Yes	330	82.6	(77.8-87.3)	269	2,059,025	329	55.7	(48.8-62.5)	183	1,384,039
No	6,577	57.8	(56.0-59.7)	4,072	30,422,792	6,541	16.0	(14.9-17.1)	1,242	8,362,571
<b>Total</b>	<b>11,179</b>	<b>54.5</b>	<b>(52.8-56.2)</b>	<b>6,449</b>	<b>59,999,358</b>	<b>11,114</b>	<b>16.7</b>	<b>(15.7-17.7)</b>	<b>2,170</b>	<b>18,253,437</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.



Table 51. Percentage and estimated number of **adults** aged 18-44 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by socio-economic characteristics--United States, **NSFG**, 2002

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>										
Less than high school	1,962	55.8	(52.0-59.6)	1,194	9,723,348	1,944	19.6	(16.9-22.3)	434	3,390,422
High school graduate	2,693	53.3	(50.4-56.2)	1,470	14,530,019	2,676	16.2	(13.8-18.5)	500	4,384,154
Some college	3,709	54.1	(51.3-56.8)	2,133	19,442,747	3,693	17.6	(15.9-19.4)	752	6,313,467
College graduate	1,471	51.6	(47.6-55.6)	816	8,096,435	1,466	12.7	(10.6-14.7)	231	1,980,309
<b>Annual household income</b>										
Less than \$15,000	2,190	55.4	(51.9-58.8)	1,320	9,498,922	2,174	21.4	(18.9-23.8)	526	3,639,513
\$15,000-\$24,999	1,548	54.9	(51.1-58.7)	918	7,362,101	1,539	19.5	(16.9-22.1)	341	2,600,286
\$25,000-\$34,999	1,629	54.1	(50.3-57.9)	938	8,660,564	1,620	16.5	(13.7-19.4)	322	2,631,819
\$35,000-\$49,999	1,644	58.2	(54.3-62.1)	966	9,778,264	1,640	17.1	(14.6-19.5)	313	2,860,142
\$50,000 or more	3,473	54.5	(51.9-57.2)	1,977	22,029,425	3,457	13.6	(11.9-15.3)	532	5,474,486
<b>Poverty level</b>										
0 - 149 percent	3,169	55.3	(52.3-58.4)	1,924	15,370,148	3,145	19.8	(18.0-21.7)	734	5,459,634
150 - 299 percent	3,149	52.5	(49.9-55.2)	1,755	16,428,457	3,135	16.5	(14.7-18.4)	621	5,149,871
300 percent or more	4,861	55.3	(53.1-57.5)	2,770	28,200,753	4,834	15.1	(13.7-16.5)	815	7,643,932
<b>Total</b>	<b>11,179</b>	<b>54.5</b>	<b>(52.8-56.2)</b>	<b>6,449</b>	<b>59,999,358</b>	<b>11,114</b>	<b>16.7</b>	<b>(15.7-17.7)</b>	<b>2,170</b>	<b>18,253,437</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 52. Percentage and estimated number of **adults** aged 18-44 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by health care coverage and HIV-related characteristics--United States, NSFG, 2002

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Any time without health care coverage in the last 12 months</b>										
Yes	3,262	58.0	(54.8-61.1)	1,968	17,746,502	3,236	17.7	(15.8-19.7)	647	5,386,047
No	7,905	53.3	(51.4-55.1)	4,478	42,230,005	7,867	16.3	(15.2-17.4)	1,522	12,864,097
<b>Talked to a doctor about AIDS</b>										
Yes	6,430	29.6	(27.8-31.3)	2,098	17,686,390	2,169	28.6	(26.0-31.3)	683	5,224,757
No	6,430	70.4	(68.7-72.2)	4,332	42,152,240	2,169	71.4	(68.7-74.0)	1,486	13,021,680
<b>Reason for testing</b>										
For a hospitalization or surgical procedure	6,443	5.7	(4.7-6.6)	334	3,394,099	2,167	5.8	(4.1-7.6)	120	1,066,478
To apply for health or life insurance	6,443	8.1	(6.7-9.4)	375	4,842,269	2,167	8.3	(6.3-10.3)	133	1,518,462
Just to find out if you were infected	6,443	32.0	(30.2-33.9)	2,208	19,214,344	2,167	33.6	(30.7-36.4)	803	6,117,754
Because of a referral by a doctor	6,443	3.3	(2.6-4.0)	244	1,970,716	2,167	4.3	(2.8-5.7)	102	775,445
To apply for a marriage license	6,443	5.3	(4.4-6.3)	235	3,205,311	2,167	1.4	(0.6-2.1)	21	246,311
Because you were pregnant or because it was part of prenatal care	6,443	21.6	(20.0-23.3)	1,627	12,976,545	2,167	19.6	(17.1-22.0)	466	3,573,220
Some other reason	6,443	29.5	(27.6-31.4)	1,784	17,691,853	2,167	33.3	(30.4-36.1)	671	6,069,668
<b>Total</b>	<b>11,179</b>	<b>54.5</b>	<b>(52.8-56.2)</b>	<b>6,449</b>	<b>59,999,358</b>	<b>11,114</b>	<b>16.7</b>	<b>(15.7-17.7)</b>	<b>2,170</b>	<b>18,253,437</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 53. Percentage and estimated number of **adults** aged 18-44 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by sexual orientation and HIV risk factors--United States, **NSFG, 2002**

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Sexual orientation</b>										
Heterosexual	9,971	53.9	(52.2-55.6)	5,686	53,481,675	9,917	15.9	(14.9-16.9)	1,865	15,666,820
Homosexual	223	70.5	(61.7-79.2)	155	1,403,134	220	33.6	(23.2-44.0)	69	663,201
Bisexual	316	63.8	(56.8-70.9)	219	1,625,019	316	23.9	(17.9-29.9)	85	607,945
Something else	466	61.7	(55.9-67.4)	286	2,616,339	461	24.5	(18.4-30.6)	112	1,033,044
<b>Number of sex partners in last 12 months</b>										
None	1,469	34.4	(30.5-38.3)	530	4,439,000	1,460	8.6	(6.7-10.4)	142	1,095,511
One	7,156	56.4	(54.5-58.3)	4,297	43,176,366	7,117	15.3	(14.1-16.4)	1,300	11,624,706
Two	1,146	58.8	(54.4-63.1)	711	5,343,775	1,138	24.6	(21.6-27.6)	302	2,221,276
Three	494	57.6	(52.5-61.7)	299	2,402,783	493	25.1	(19.3-31.0)	133	1,048,329
Four	253	67.3	(60.4-74.3)	168	1,245,282	253	37.0	(29.6-44.5)	83	684,775
Five	170	56.5	(46.6-66.3)	114	717,208	169	25.7	(18.8-32.6)	53	325,564
6 or more	393	67.8	(60.7-74.9)	280	2,360,229	169	32.3	(25.7-38.8)	137	1,118,255
<b>Received counseling, testing, or treatment for STD in last 12 months</b>										
Yes	1,804	80.6	(77.6-83.7)	1,502	12,250,579	1,799	54.0	(50.5-57.6)	980	8,191,580
No	9,346	50.3	(48.6-52.1)	4,932	47,604,776	9,286	10.7	(9.8-11.6)	1,188	10,053,581
<b>Having sex in the last 12 months with a partner who was having sex with other males<sup>e</sup></b>										
Yes	176	74.1	(65.8-82.4)	126	940,595	174	24.0	(16.7-31.3)	47	303,029
No	5,739	61.7	(59.7-63.7)	3,779	28,686,419	5,713	18.8	(17.5-20.0)	1,255	8,685,356
<b>Having sex in the last 12 months with a male or female partner who was having sex with others</b>										
Yes	1,395	61.0	(57.7-64.4)	889	6,575,788	1,387	26.6	(23.5-29.6)	395	2,847,467
No	7,933	56.4	(54.5-58.3)	4,770	47,011,574	7,890	16.3	(15.1-17.4)	1,526	13,501,808
<b>High on alcohol or drugs in the last 12 months while having sex with a male or female</b>										
Never	5,768	56.3	(54.1-58.5)	3,486	33,580,543	5,733	16.1	(14.8-17.4)	1,133	9,574,568
Sometimes	2,527	56.8	(53.9-59.6)	1,521	14,603,981	2,517	18.5	(16.3-20.8)	537	4,754,881
About half the time	307	57.4	(49.8-65.1)	171	1,842,973	306	22.0	(14.2-29.7)	74	702,776
Often	249	62.6	(53.1-72.0)	157	1,523,284	247	23.3	(16.0-30.5)	64	563,973
Always	577	64.1	(58.5-69.7)	385	2,511,997	574	23.4	(19.2-27.7)	136	914,125
<b>Having sex in the last 12 months with a male or female who takes or shoots street drugs using a needle</b>										
Yes	238	68.6	(61.0-76.2)	172	1,272,149	237	29.6	(20.6-38.5)	70	546,199
No	5,902	62.2	(60.2-64.2)	3,903	29,673,055	5,872	19.2	(17.9-20.4)	1,311	9,100,801

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Sex for money or drugs in the last 12 months</b>										
Yes	217	73.9	(66.2-81.6)	164	1,247,573	216	29.6	(21.4-37.8)	66	497,578
No	9,222	56.6	(54.8-58.4)	5,564	52,872,424	9,172	17.3	(16.2-18.3)	1,881	16,037,545
<b>Gave money or drug to a male or female in the last 12 months to have sex with you</b>										
Yes	210	66.1	(58.2-74.0)	146	1,159,948	208	21.4	(15.4-27.4)	49	372,106
No	9,228	56.7	(54.9-58.6)	5,580	52,938,288	9,179	17.4	(16.3-18.4)	1,897	16,157,771
<b>Had sex in the last 12 month with an HIV-infected male or female</b>										
Yes	72	75.8	(62.4-89.2)	55	419,192	-	-	-	-	-
No	6,071	62.3	(60.3-64.2)	4,022	30,544,406	6,040	19.4	(18.1-20.6)	1,359	9,458,615
<b>Total</b>	<b>11,179</b>	<b>54.5</b>	<b>(52.8-56.2)</b>	<b>6,449</b>	<b>59,999,358</b>	<b>11,114</b>	<b>16.7</b>	<b>(15.7-17.7)</b>	<b>2,170</b>	<b>18,253,437</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

<sup>e</sup> Asked of females only.

Table 54. Percentage and estimated number of **adults** aged 18-44 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by testing setting where the last HIV test was conducted--United States, NSFG, 2002-2006 pooled data

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care</b>	6,442	79.7	(78.2-81.3)	5,351	47,752,353	2,169	78.5	(75.9-81.2)	1,784	14,332,273
Private doctor's office	6,442	39.2	(37.4-41.0)	2,606	23,478,494	2,169	39.5	(39.5-42.2)	866	7,206,098
Health maintenance organization facility	6,442	4.2	(3.4-4.9)	314	2,493,545	2,169	5.2	(3.5-7.0)	111	955,282
Community health center, community clinic, or public health clinic	6,442	17.4	(16.0-18.8)	1,235	10,435,019	2,169	17.0	(14.7-19.2)	415	3,095,363
Family planning or planned parenthood clinic	6,442	3.5	(2.7-4.2)	242	2,082,735	2,169	3.9	(2.6-5.2)	85	704,800
Hospital outpatient clinic	6,442	7.0	(5.7-8.4)	436	4,209,846	2,169	6.4	(4.8-8.0)	161	1,167,944
Hospital emergency room	6,442	1.8	(1.2-2.4)	101	1,059,100	2,169	1.6	(0.9-2.2)	33	283,737
Hospital regular room	6,442	5.6	(4.7-6.4)	360	3,341,280	2,169	4.0	(3.0-4.9)	96	722,496
Urgent care center, urgi-care, or walk-in facility	6,442	1.1	(0.7-1.5)	57	652,335	-	-	-	-	-
<b>Non-health care</b>	6,442	20.3	(18.7-21.8)	1,091	12,136,324	2,169	21.5	(18.8-24.1)	385	3,914,260
Employer or company clinic	6,442	3.3	(2.6-4.0)	194	1,956,321	2,169	4.8	(3.6-6.0)	93	875,795
School or school-based clinic	6,442	2.3	(1.8-2.8)	147	1,359,464	2,169	1.6	(0.9-2.3)	33	290,461
Worksite	6,442	2.5	(1.9-3.2)	126	1,511,817	2,169	2.5	(1.4-3.5)	41	449,274
Home	6,442	4.1	(3.2-5.0)	197	2,468,582	2,169	4.6	(3.1-6.1)	76	832,818
Some other place	6,442	8.1	(6.9-9.3)	427	4,840,140	2,169	8.0	(6.2-9.9)	142	1,465,913
<b>Total</b>	<b>6,442</b>	<b>100.0</b>	<b>-</b>	<b>6,442</b>	<b>59,888,677</b>	<b>2,169</b>	<b>100.0</b>	<b>-</b>	<b>2,169</b>	<b>18,246,534</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

## NSFG: Adolescents

Table 55. Percentage and estimated number of **adolescents** aged 15-17 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by demographic characteristics--United States, **NSFG**, 2002

Characteristic	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age (years)</b>										
15	415	11.0	(7.7-14.3)	47	409,658	-	-	-	-	-
16	452	14.2	(10.5-17.8)	61	552,432	-	-	-	-	-
17	434	19.4	(14.9-24.0)	83	758,768	433	13.1	(8.9-17.3)	53	509,289
<b>Sex</b>										
Female	672	15.4	(12.4-18.5)	105	895,443	671	9.1	(6.7-11.6)	60	528,561
Male	629	14.4	(10.9-18.0)	86	825,416	626	7.5	(4.8-10.2)	42	426,912
<b>Ethnicity</b>										
Hispanic or Latino	265	16.6	(11.4-21.8)	40	289,844	-	-	-	-	-
Non-Hispanic or Latino	1,033	14.6	(11.9-17.3)	150	1,421,871	1,029	8.3	(5.9-10.6)	81	802,541
<b>Race</b>										
White	932	13.4	(10.8-15.9)	120	1,181,558	929	8.2	(5.8-10.5)	69	718,362
Black	268	23.4	(16.5-30.4)	57	437,813	267	11.3	(7.1-15.5)	28	210,426
Asian	-	-	-	-	-	-	-	-	-	-
American Indian or Alaskan Native	-	-	-	-	-	-	-	-	-	-
Native Hawaiian or Pacific Islander	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1,301</b>	<b>14.9</b>	<b>(12.5-17.3)</b>	<b>191</b>	<b>1,720,858</b>	<b>1,297</b>	<b>8.3</b>	<b>(6.3-10.3)</b>	<b>102</b>	<b>955,473</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 56. Percentage and estimated number of **adolescents** aged 15-17 years who had **ever been tested** and who had tested in the **last 12 months** for HIV, by health care coverage and HIV-related characteristics--United States, **NSFG**, 2002

Characteristics	Ever tested					Tested in the last 12 months				
	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Any time without health care coverage in the last 12 months</b>										
Yes	164	23.5	(16.1-30.9)	34	292,849	-	-	-	-	-
No	1,098	13.8	(11.4-16.3)	151	1,366,178	1,094	7.4	(5.3-9.5)	79	730,633
<b>Talked to a doctor about AIDS</b>										
Yes	191	26.3	(21.7-31.0)	61	453,307	102	27.9	(23.1-32.6)	36	266,381
No	191	73.7	(69.0-78.3)	130	1,267,551	102	72.1	(67.4-76.9)	66	689,092
<b>Reason for testing</b>										
For a hospitalization or surgical procedure	191	7.6	(3.2-11.9)	13	130,475	-	-	-	-	-
To apply for health or life insurance	-	-	-	-	-	-	-	-	-	-
Just to find out if were infected	191	49.2	(42.6-55.9)	99	847,225	102	48.8	(40.8-56.8)	53	466,600
Because of a referral by a doctor	-	-	-	-	-	-	-	-	-	-
To apply for a marriage license	-	-	-	-	-	-	-	-	-	-
Because were pregnant or because it was part of prenatal care	191	27.6	(22.1-33.1)	50	475,373	102	33.2	(26.5-39.9)	32	317,043
Some other reason	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1,297</b>	<b>14.9</b>	<b>(12.5-17.3)</b>	<b>191</b>	<b>1,720,858</b>	<b>1,301</b>	<b>8.3</b>	<b>(6.3-10.3)</b>	<b>102</b>	<b>955,473</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 57. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by demographic characteristics--United States, **NSFG**, 2002

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age group (years)</b>					
18-24	111	62.9	(53.3-72.5)	61	554,139
25-34	173	53.1	(45.4-60.8)	101	644,486
35-44	-	-	-	-	-
<b>Ethnicity</b>					
Hispanic or Latino	87	63.5	(54.2-72.9)	51	278,913
Non-Hispanic or Latino	242	54.0	(46.2-61.8)	132	1,105,126
<b>Race</b>					
White	239	50.3	(43.8-56.8)	123	928,147
Black	62	67.7	(55.7-79.6)	39	258,879
Asian	-	-	-	-	-
American Indian or Alaskan Native	-	-	-	-	-
Native Hawaiian or Pacific Islander	-	-	-	-	-
<b>Marital status</b>					
Married	205	49.9	(42.0-57.8)	104	841,727
Living with a partner	59	69.0	(55.7-82.2)	35	258,053
Divorced	-	-	-	-	-
Separated	-	-	-	-	-
Widowed	-	-	-	-	-
Never Married	-	-	-	-	-
<b>Total</b>	<b>329</b>	<b>55.7</b>	<b>(49.0-62.4)</b>	<b>183</b>	<b>1,384,039</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.



Table 58. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by socio-economic characteristics--United States, **NSFG**, 2002

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Educational attainment</b>					
Less than high school	63	67.7	(55.5-79.9)	40	268,478
High school graduate	78	61.5	(49.2-73.8)	43	330,376
Some college	89	55.3	(42.3-68.3)	50	371,182
College graduate	-	-	-	-	-
<b>Annual household income</b>					
Less than 15,000	82	56.9	(45.6-68.3)	43	311,689
\$15,000-24,999	39	74.2	(65.2-83.3)	30	185,977
\$25,000-34,999	-	-	-	-	-
\$35,000-49,999	-	-	-	-	-
\$50,000 or more	102	50.7	(41.5-59.9)	50	442,862
<b>Poverty level</b>					
0 - 149 percent	115	59.4	(51.5-67.3)	67	459,445
150 - 299 percent	88	63.9	(50.2-77.6)	55	396,432
300 percent or more	126	48.4	(38.6-58.2)	61	528,163
<b>Total</b>	<b>329</b>	<b>55.7</b>	<b>(49.0-62.4)</b>	<b>183</b>	<b>1,384,039</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

Table 59. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by health care coverage and HIV-related and pregnancy characteristics-- United States, **NSFG**, 2002

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Any time without health care coverage in the last 12 months</b>					
Yes	91	59.2	(48.2-70.1)	51	345,328
No	238	54.6	(46.5-62.7)	132	1,038,712
<b>Talked to a doctor about AIDS</b>					
Yes	183	16.2	(11.2-21.2)	35	224,831
No	183	83.8	(78.8-88.8)	148	1,159,208
<b>Reason for being tested for HIV</b>					
For a hospitalization or surgical procedure	-	-	-	-	-
To apply for health or life insurance	-	-	-	-	-
Just to find out if you were infected	-	-	-	-	-
Because of a referral by a doctor	-	-	-	-	-
Because you were pregnant or because it was part of prenatal care	183	87.9	(83.0-92.9)	159	1,217,050
Some other reason	-	-	-	-	-
<b>Received counseling for or tested or treated for STD in last 12 months</b>					
Yes	97	78.3	(69.3-87.3)	74	562,274
No	231	46.6	(36.6-56.7)	109	821,766
<b>Pregnancy trimester</b>					
First Trimester	119	34.3	(25.2-43.3)	44	300,362
Second Trimester	110	68.4	(58.0-78.9)	71	597,047
Third Trimester	96	66.3	(57.5-75.1)	65	468,244
<b>Number of pregnancies</b>					
One	78	56.2	(44.4-68.1)	41	365,381
Two	98	49.3	(36.2-62.4)	53	344,324
Three	77	56.7	(43.9-69.5)	40	334,538
Four or more	77	62.0	(46.0-78.0)	49	339,797
<b>Total</b>	<b>329</b>	<b>55.7</b>	<b>(49.0-62.4)</b>	<b>183</b>	<b>1,384,039</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted

<sup>d</sup> Weighted.

Table 60. Percentage and estimated number of **pregnant women** aged 18-44 years who had tested for HIV in the **last 12 months**, by testing setting where the last HIV test was conducted--United States, **NSFG, 2002**

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Health care</b>	183	96.3	(93.2-99.5)	177	1,332,957
Private doctor's office	183	66.1	(59.6-72.5)	114	914,310
Health maintenance organization facility	-	-	-	-	-
Community health center or community clinic or public health clinic	183	17.6	(11.5-23.6)	34	243,438
Family planning or planned parenthood clinic	-	-	-	-	-
Hospital outpatient clinic	-	-	-	-	-
Hospital emergency room	-	-	-	-	-
Hospital regular room	-	-	-	-	-
Urgent care center or urge-care or walk-in facility	-	-	-	-	-
<b>Non-health care</b>	-	-	-	-	-
Employer or company clinic	-	-	-	-	-
Some other place	-	-	-	-	-
<b>Total</b>	<b>183</b>	<b>100.0</b>	<b>-</b>	<b>183</b>	<b>1,384,039</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted

<sup>d</sup> Weighted.

## PRAMS: Pregnant women

Table 61. Percentage and unweighted number of **pregnat women** of any age who had tested for HIV **during the most recent pregnancy or delivery**, by year and state--United States, **PRAMS**, 2002-2006

State	2002			2003			2004			2005			2006		
	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>	% tested	(95% CI <sup>a</sup> )	No. persons tested <sup>b</sup>
Alaska	-	-	-	-	-	-	61.1	(57.8-64.4)	830	61.1	(57.8-64.3)	878	62.8	(59.5-66.0)	888
Arkansas	71.4	(68.5-74.1)	1,415	71.0	(68.1-73.7)	1,415	62.4	(59.5-65.2)	1,324	61.1	(58.2-63.8)	1,398	60.7	(57.8-63.6)	1,266
Colorado	-	-	-	-	-	-	67.6	(64.5-70.4)	1,305	62.9	(59.8-66.0)	1,249	62.6	(59.4-65.7)	1,285
Florida	83.1	(80.4-85.5)	1,681	83.5	(80.8-85.9)	1,704	84.9	(82.4-87.0)	1,838	82.2	(79.7-84.4)	1,716	-	-	-
Georgia	-	-	-	-	-	-	70.7	(67.4-73.8)	1,195	71.3	(68.2-74.2)	1,348	74.9	(72.1-77.6)	1,530
Hawaii	-	-	-	-	-	-	61.9	(59.8-64.0)	1,264	60.0	(57.7-62.3)	1,005	62.5	(60.1-64.8)	989
Illinois	73.1	(70.9-75.2)	1,399	66.9	(64.3-69.4)	1,078	70.0	(67.7-72.2)	1,356	80.5	(78.4-82.5)	1,333	77.2	(74.9-79.3)	1,283
Louisiana	-	-	-	-	-	-	77.8	(75.5-80.0)	1,274	-	-	-	-	-	-
Maine	-	-	-	-	-	-	53.3	(50.1-56.6)	619	54.8	(51.5-58.0)	649	50.7	(47.4-54.0)	603
Maryland	-	-	-	-	-	-	72.8	(69.4-76.0)	1,126	73.0	(69.1-76.5)	959	73.8	(70.5-76.9)	1,218
Michigan	-	-	-	-	-	-	63.5	(60.5-66.5)	802	64.7	(61.7-67.6)	832	63.3	(59.9-66.6)	783
Minnesota	-	-	-	-	-	-	53.1	(49.8-56.3)	902	50.6	(47.4-53.8)	908	53.7	(51.2-56.2)	813
Mississippi	-	-	-	-	-	-	60.5	(57.3-63.7)	855	-	-	-	63.6	(59.8-67.3)	650
Nebraska	56.4	(53.6-59.1)	1,149	55.0	(52.4-57.7)	1,189	51.4	(48.7-54.1)	1,008	53.0	(50.3-55.7)	1,115	52.6	(49.7-55.6)	1,020
New Jersey	-	-	-	-	-	-	72.7	(70.5-74.8)	1,728	74.6	(72.5-76.7)	1,712	71.2	(69.0-73.3)	1,437
New Mexico	-	-	-	-	-	-	71.7	(68.6-73.5)	1,084	68.2	(65.2-71.1)	723	-	-	-
New York <sup>c</sup>	94.8	(92.9-96.2)	1,157	92.9	(90.9-94.5)	1,138	90.7	(88.2-92.6)	966	91.2	(89.0-93.0)	1,046	86.8	(82.9-89.9)	490
New York City	-	-	-	-	-	-	88.8	(85.6-91.3)	676	85.6	(82.5-88.2)	872	86.8	(84.4-88.8)	1,308
North Carolina	75.4	(72.6-78.0)	1,183	78.3	(75.5-80.8)	1,162	72.8	(70.0-75.5)	1,159	73.6	(70.1-76.9)	746	-	-	-
Ohio	63.9	(60.5-67.2)	934	62.9	(59.5-66.2)	916	-	-	-	62.3	(58.8-65.7)	842	58.5	(55.2-61.8)	1,008
Oklahoma	71.1	(67.8-74.3)	1,253	69.2	(65.8-72.4)	1,232	58.1	(54.3-61.7)	1,109	56.6	(53.1-60.1)	1,079	56.7	(53.0-60.3)	1,098
Oregon	-	-	-	61.8	(57.9-65.6)	1,019	61.2	(57.6-64.7)	1,242	58.2	(54.6-61.6)	1,195	61.1	(57.5-64.5)	1,276
Rhode Island	-	-	-	-	-	-	55.5	(52.6-58.4)	864	57.3	(54.4-60.1)	829	58.4	(55.3-61.4)	818
South Carolina	78.9	(75.3-82.2)	1,062	79.2	(75.6-82.3)	1,125	69.7	(65.8-73.4)	1,145	69.3	(65.4-72.9)	1,094	67.9	(62.4-72.9)	551
Utah	-	-	-	-	-	-	38.4	(35.9-40.9)	803	40.5	(38.0-43.0)	831	38.9	(36.5-41.4)	834
Vermont	-	-	-	-	-	-	56.1	(53.0-59.0)	613	55.4	(52.3-58.4)	592	54.5	(51.5-57.5)	616
Washington	-	-	-	-	-	-	64.4	(60.9-67.6)	993	64.9	(61.5-68.2)	930	65.1	(61.8-68.3)	1,065
West Virginia	67.3	(64.0-70.4)	1,168	71.5	(68.3-74.5)	1,191	62.3	(57.5-66.9)	542	63.7	(60.4-66.9)	1,094	61.5	(58.1-64.8)	1,107

<sup>a</sup> Confidence interval.

<sup>b</sup> Unweighted.

<sup>c</sup> Excludes New York City.

## YRBS: Adolescents

Table 62. Percentage and estimated number of **adolescents** aged 13-17 years who had **ever been tested** for HIV, by demographic characteristics--United States, **YRBS**, 2005

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>Age (years)</b>					
13	-	-	-	-	-
14	919	5.9	(4.2-7.5)	67	68,639
15	2,449	10.0	(8.6-11.4)	256	304,537
16	2,769	12.4	(10.9-13.9)	381	369,782
17	2,952	14.8	(13.2-16.3)	510	411,834
<b>Sex</b>					
Female	4,879	12.5	(11.2-13.8)	707	635,161
Male	4,209	10.6	(9.3-11.9)	506	519,523
<b>Race/ethnicity</b>					
White	4,227	10.0	(8.8-11.2)	447	636,621
Black or African American	1,888	19.6	(16.6-22.6)	435	243,773
Hispanic or Latino	1,423	11.5	(9.7-13.2)	136	103,774
Asian	215	4.6	(0-9.2)	11	12,665
American Indian or Alaskan Native	98	14.8	(7.1-22.6)	14	14,907
Native Hawaiian or Pacific Islander	-	-	-	-	-
<b>Current grade</b>					
9th	2,537	9.6	(8.1-11.1)	270	310,823
10th	2,715	12.2	(10.6-13.8)	347	371,634
11th	2,651	12.2	(10.6-13.9)	388	321,355
12th	1,188	13.8	(11.6-16.1)	208	150,149
<b>Total</b>	<b>9,100</b>	<b>11.6</b>	<b>(10.6-12.6)</b>	<b>1,215</b>	<b>1,157,261</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted

<sup>d</sup> Weighted.

Table 63. Percentage and estimated number of **adolescents** aged 13-17 years who had **ever been tested** for HIV, by HIV related characteristics--United States, **YRBS**, 2005

Characteristics	Sample size <sup>a</sup>	% tested	(95% CI <sup>b</sup> )	No. persons tested <sup>a,c</sup>	Estimated no. persons tested <sup>a,d</sup>
<b>HIV or AIDS education in school</b>					
Yes	8037	11.9	(10.8-13.0)	1,092	1,048,368
No	738	10.8	(7.9-13.6)	89	82,431
<b>Ever had sexual intercourse</b>					
Yes	254	19.9	(18.5-21.4)	928	845,029
No	4,463	4.6	(3.8-5.5)	213	252,013
<b>Had sex before age 13</b>					
Yes	617	28.2	(23.3-33.1)	202	160,590
No	8,126	10.3	(9.4-11.2)	945	941,591
<b>Had sex with 4 or more people in lifetime</b>					
Yes	1,249	31.8	(28.6-35.1)	403	372,207
No	7,468	8.5	(7.6-9.5)	738	724,835
<b>Had alcohol or drugs before last sexual intercourse</b>					
Yes	881	22.6	(18.8-26.4)	202	215,984
No	3,397	19.3	(17.6-20.9)	733	634,754
<b>Had ever injected drugs</b>					
Yes	169	31.3	(20.8-41.9)	56	58,200
No	1,156	11.2	(10.2-12.2)	1,156	1,096,889
<b>Type of drug ever used in lifetime</b>					
Marijuana	3,596	18.5	(16.8-20.1)	733	690,617
Cocaine	747	26.1	(22.6-29.5)	181	196,538
Heroin	183	29.5	(21.1-38.0)	61	61,275
Methamphetamine	540	25.6	(21.3-30.0)	140	158,267
Ecstasy	523	31.1	(25.0-37.2)	167	184,044
Steroids	318	21.4	(15.0-27.8)	72	84,845
<b>Total</b>	<b>9,100</b>	<b>11.6</b>	<b>(10.6-12.6)</b>	<b>1,215</b>	<b>1,157,261</b>

<sup>a</sup> The number of persons for each variable does not sum to the total number of persons because records with "do not know or not sure" or "refused" answers were excluded from the analysis for that particular variable.

<sup>b</sup> Confidence interval.

<sup>c</sup> Unweighted.

<sup>d</sup> Weighted.

## HIV Surveillance: Adults

Table 64. Estimated number, percentage, and rates (per 100,000 population) of **adults** aged 18-64 years diagnosed with **HIV infection**,<sup>a</sup> by year of diagnosis--33 states, **HIV Surveillance**, 2002-2006

Year of diagnosis	Number of cases	%	Rate (per 100,000 population)
2002	35,618	96.6	31.4
2003	33,706	96.7	29.4
2004	32,455	96.6	28.0
2005	32,772	96.6	27.9
2006	32,912	96.6	27.7

<sup>a</sup> Data were adjusted for reporting delay.

Table 65. Estimated number, percentage, and rates (per 100,000 population) of **adults** aged 18-64 years diagnosed with **AIDS**,<sup>a</sup> by year of diagnosis--50 states and District of Columbia, **HIV Surveillance**, 2002-2006

Year of diagnosis	Number of cases	%	Rate (per 100,000 population)
2002	37,352	97.4	20.8
2003	37,867	97.4	20.9
2004	36,596	97.2	20.0
2005	35,133	97.3	19.0
2006	34,610	97.0	18.5

<sup>a</sup> Data were adjusted for reporting delay.

Table 66. Estimated number, percentage, and rates (per 100,000 population) of **adults** aged 18-64 years diagnosed with **HIV infection**,<sup>a</sup> by demographic characteristics--33 states, **HIV Surveillance**, 2006

Characteristic	Number of cases	%	Rate (per 100,000 population)
<b>Age at diagnosis (years)</b>			
18-19	899	2.7	17.2
20-24	3,764	11.4	28.2
25-29	4,433	13.5	33.8
30-34	4,284	13.0	34.7
35-39	5,228	15.9	39.5
40-44	5,515	16.8	39.0
45-49	4,058	12.3	28.1
50-54	2,640	8.0	20.3
55-59	1,407	4.3	12.1
60-64	684	2.1	7.9
<b>Sex</b>			
Male	24,345	74.0	41.0
Female	8,567	26.0	14.4
<b>Race/ethnicity</b>			
American Indian or Alaska Native	156	0.5	14.4
Asian	308	0.9	8.2
Black or African American	15,871	48.2	102.7
Hispanic or Latino	6,190	18.8	40.2
Native Hawaiian or Other Pacific Islander	48	0.1	58.3
White	10,101	30.7	12.3
Multiple or unknown races	239	0.7	21.7
<b>Transmission category</b>			
<b>Male adult</b>			
Male-to-male sexual contact	17,014	69.9	-
Injection drug use	2,666	11.0	-
Male-to-male sexual contact and injection drug use	1,100	4.5	-
High-risk heterosexual contact	3,483	14.3	-
Other	80	0.3	-
<b>Female adult</b>			
Injection drug use	1,531	17.9	-
High-risk heterosexual contact	6,977	81.4	-
Other	59	0.7	-
<b>Total</b>	<b>32,912</b>	<b>100.0</b>	<b>27.6</b>

<sup>a</sup> Data were adjusted by reporting delay and missing risk factors.



Table 67. Estimated number, percentage, and rates (per 100,000 population) of **adults** aged 18-64 years diagnosed with **AIDS**,<sup>a</sup> by demographic characteristics--50 states and District of Columbia, **HIV Surveillance**, 2006

Characteristics	Number of cases	%	Rate (per 100,000 population)
<b>Age at diagnosis (years)</b>			
18-19	245	0.7	2.9
20-24	1,603	4.6	7.6
25-29	3,283	9.5	16.0
30-34	4,200	12.1	21.4
35-39	6,185	17.9	29.3
40-44	7,106	20.5	31.7
45-49	5,456	15.8	24.0
50-54	3,578	10.3	17.5
55-59	2,005	5.8	11.0
60-64	949	2.7	7.1
<b>Sex</b>			
Male	25,450	73.5	27.1
Female	9,160	26.5	9.7
<b>Race/ethnicity</b>			
American Indian or Alaska Native	146	0.4	10.3
Asian	409	1.2	4.7
Black or African American	16,664	48.1	73.2
Hispanic or Latino	6,665	19.3	25.0
Native Hawaiian or Other Pacific Islander	61	0.2	22.6
White	10,266	29.7	8.1
Multiple or unknown races	398	1.1	19.6
<b>Transmission category</b>			
<b>Male adult</b>			
Male-to-male sexual contact	15,914	62.5	-
Injection drug use	3,828	15.0	-
Male-to-male sexual contact and injection drug use	1,723	6.8	-
High-risk heterosexual contact	3,852	15.1	-
Other	133	0.5	-
<b>Female adult</b>			
Injection drug use	2,291	25.0	-
High-risk heterosexual contact	6,758	73.8	-
Other	111	1.2	-
<b>Total</b>	<b>34,610</b>	<b>100.0</b>	<b>18.4</b>

<sup>a</sup> Data were adjusted by reporting delay and missing risk factors.

## HIV Surveillance: Adolescents

Table 68. Estimated number, percentage, and rates (per 100,000 population) of **adolescents** aged 13-17 years diagnosed with **HIV infection**,<sup>a</sup> by year of diagnosis--33 states, **HIV Surveillance**, 2002-2006

Year of diagnosis	Number of cases	%	Rate (per 100,000 population)
2002	374	1.0	2.9
2003	365	1.1	2.8
2004	340	1.0	2.5
2005	381	1.1	2.8
2006	420	1.2	3.1

<sup>a</sup> Data were adjusted for reporting delay.

Table 69. Estimated number, percentage, and rates (per 100,000 population) of **adolescents** aged 13-17 years diagnosed with **AIDS**,<sup>a</sup> by year of diagnosis--50 states and District of Columbia, **HIV Surveillance**, 2002-2006

Year of diagnosis	Number of cases	%	Rate (per 100,000 population)
2002	190	0.5	0.9
2003	183	0.5	0.9
2004	196	0.5	0.9
2005	229	0.6	1.1
2006	218	0.6	1.0

<sup>a</sup> Data were adjusted for reporting delay.

Table 70. Estimated number, percentage, and rates (per 100,000 population) of **adolescents** aged 13-17 years diagnosed with **HIV infection**,<sup>a</sup> by demographic characteristics--33 states, **HIV Surveillance**, 2006

Characteristics	Number of cases	%	Rate (per 100,000 population)
<b>Sex</b>			
Male	219	52.1	3.2
Female	201	47.9	3.0
<b>Race/ethnicity</b>			
American Indian or Alaska Native	1	0.2	0.6
Asian	4	1.0	1.3
Black or African American	305	72.7	13.6
Hispanic or Latino	67	16.0	3.3
Native Hawaiian or Other Pacific Islander	0	0	0
White	40	9.5	0.5
Multiple or unknown races	2	0.5	0.9
<b>Transmission category</b>			
<b>Male adolescent</b>			
Male-to-male sexual contact	187	85.4	-
Injection drug use	10	4.6	-
Male-to-male sexual contact and injection drug use	4	1.8	-
High-risk heterosexual contact	14	6.4	-
Other	3	1.4	-
<b>Female adolescent</b>			
Injection drug use	19	9.5	-
High-risk heterosexual contact	181	90.0	-
Other	2	1.0	-
<b>Total</b>	<b>420</b>	<b>100.0</b>	<b>3.1</b>

<sup>a</sup> Data were adjusted by reporting delay and missing risk factors.

Table 71. Estimated number, percentage, and rates (per 100,000 population) of **adolescents** aged 13-17 years diagnosed with **AIDS**,<sup>a</sup> by demographic characteristics--50 states and District of Columbia, **HIV Surveillance**, 2006

Characteristics	Number of cases	%	Rate (per 100,000 population)
<b>Sex</b>			
Male	120	55.2	1.1
Female	98	44.8	0.9
<b>Race/ethnicity</b>			
American Indian or Alaska Native	0	0	0
Asian	3	1.6	0.4
Black or African American	157	72.0	4.8
Hispanic or Latino	39	17.9	1.0
Native Hawaiian or Other Pacific Islander	0	0	0
White	17	8.0	0.1
Multiple or unknown races	1	0.5	0.3
<b>Transmission category</b>			
<b>Male adolescent</b>			
Male-to-male sexual contact	59	49.2	-
Injection drug use	2	1.7	-
Male-to-male sexual contact and injection drug use	1	0.8	-
High-risk heterosexual contact	7	5.8	-
Other	52	43.3	-
<b>Female adolescent</b>			
Injection drug use	4	4.1	-
High-risk heterosexual contact	31	31.6	-
Other	63	64.3	-
<b>Total</b>	<b>218</b>	<b>100.0</b>	<b>1.0</b>

<sup>a</sup> Data were adjusted by reporting delay and missing risk factors.

## HIV Surveillance: Women of childbearing age

Table 72. Estimated number, percentage, and rates (per 100,000 population) of **women of childbearing age** (18-44 years) diagnosed with **HIV infection**,<sup>a</sup> by year of diagnosis--33 states, **HIV Surveillance**, 2002-2006

Year of diagnosis	Number of cases	%	Rate (per 100,000 population)
2002	7,964	21.6	22.6
2003	7,249	20.8	20.6
2004	6,558	19.5	18.6
2005	6,331	18.7	18.0
2006	6,099	17.9	17.4

<sup>a</sup> Data were adjusted for reporting delay.

Table 73. Estimated number, percentage, and rates (per 100,000 population) of **women of childbearing age** (18-44 years) diagnosed with **AIDS**,<sup>a</sup> by year of diagnosis--50 states and District of Columbia, **HIV Surveillance**, 2002-2006

Year of diagnosis	Number of cases	%	Rate (per 100,000 population)
2002	7,045	18.4	12.6
2003	7,327	18.8	13.1
2004	6,809	18.1	12.2
2005	6,260	17.3	11.3
2006	6,031	16.9	10.9

<sup>a</sup> Data were adjusted for reporting delay.

Table 74. Estimated number, percentage, and rates (per 100,000 population) of **women of childbearing age** (18-44 years) diagnosed with **HIV infection**,<sup>a</sup> by demographic characteristics--33 states, **HIV Surveillance**, 2006

Characteristics	Number of cases	%	Rate (per 100,000 population)
<b>Age at diagnosis (years)</b>			
18-19	249	4.1	9.8
20-24	984	16.1	15.2
25-29	1,174	19.2	18.3
30-34	1,139	18.7	18.6
35-39	1,237	20.3	18.8
40-44	1,316	21.6	18.5
<b>Race/ethnicity</b>			
American Indian or Alaska Native	24	0.4	6.9
Asian	42	0.7	3.3
Black or African American	3,915	64.2	75.6
Hispanic or Latino	995	16.3	19.3
Native Hawaiian or Other Pacific Islander	6	0.1	21.9
White	1,064	17.5	4.7
Multiple or unknown races	53	0.9	13.6
<b>Transmission category</b>			
<b>Female adult</b>			
Injection drug use	977	16.0	-
High-risk heterosexual contact	5,087	83.4	-
Other	35	0.6	-
<b>Total</b>	<b>6,099</b>	<b>100.0</b>	<b>17.3</b>

<sup>a</sup> Data were adjusted for reporting delay.

Table 75. Estimated number, percentage, and rates (per 100,000 population) of **women of childbearing age** (18-44 years) diagnosed with **AIDS**,<sup>a</sup> by demographic characteristics--50 states and District of Columbia, **HIV Surveillance**, 2006

Characteristics	Number of cases	%	Rate (per 100,000 population)
<b>Age at diagnosis (years)</b>			
18-19	76	1.3	1.9
20-24	450	7.5	4.4
25-29	938	15.6	9.3
30-34	1,257	20.8	13.0
35-39	1,569	26.0	14.9
40-44	1,740	28.9	15.5
<b>Race/ethnicity</b>			
American Indian or Alaska Native	25	0.4	5.5
Asian	45	0.7	1.5
Black or African American	3,926	65.1	51.6
Hispanic or Latino	963	16.0	10.6
Native Hawaiian or Other Pacific Islander	13	0.2	14.2
White	970	16.1	2.8
Multiple or unknown races	88	1.5	12.2
<b>Transmission category</b>			
<b>Female adult</b>			
Injection drug use	1,343	22.3	-
High-risk heterosexual contact	4,619	76.6	-
Other	69	1.1	-
<b>Total</b>	<b>6,031</b>	<b>100.0</b>	<b>10.8</b>

<sup>a</sup> Data were adjusted for reporting delay.