

# Trends in High School Dropout and Completion Rates in the United States: 1972–2009

Compendium Report

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**OCTOBER 2011**

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# Introduction

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Dropping out of high school is related to a number of negative outcomes. For example, the median income of persons ages 18 through 67 who had not completed high school was roughly \$25,000 in 2009.<sup>1</sup> By comparison, the median income of persons ages 18 through 67 who completed their education with at least a high school credential, including a General Educational Development (GED) certificate, was approximately \$43,000. Over a person's lifetime, this translates into a loss of approximately \$630,000 in income for a person who did not complete high school compared to a person with at least a high school credential (Rouse 2007).<sup>2</sup> Among adults age 25 and older, a lower percentage of dropouts are in the labor force than are adults who earned a high school credential. Similarly, among adults in the labor force, a higher percentage of dropouts are unemployed than are adults who earned a high school credential (U.S. Department of Labor 2010). Furthermore, dropouts age 25 and older reported being in worse health than adults who are not dropouts, regardless of income (Pleis, Ward, and Lucas 2010). Dropouts also make up disproportionately higher percentages of the nation's institutionalized population.<sup>3</sup> Comparing those who drop out of high school with those who complete high school, the average high school dropout costs the economy approximately \$240,000 over his or her lifetime in terms of lower tax contributions, higher reliance on Medicaid and Medicare, higher rates of criminal activity, and higher reliance on welfare (Levin and Belfield 2007).<sup>4</sup>

This report builds upon a series of National Center for Education Statistics (NCES) reports on high school dropout and completion rates that began in 1988. It presents estimates of rates in 2009, provides data about trends in dropout and completion rates over the last nearly four decades (1972–2009),<sup>5</sup> and examines the characteristics of high school dropouts and high school

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<sup>1</sup> U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 2010. However, these are not all high school dropouts: 1.0 percent of persons ages 18 through 67 were enrolled in high school in 2009 (U.S. Department of Commerce, Census Bureau, Current Population Survey, October 2009).

<sup>2</sup> Rouse estimates a lifetime loss of \$550,000 using 2004 March CPS data. The estimate here is adjusted for inflation between March 2004 and March 2009 using March-to-March consumer price index adjustments.

<sup>3</sup> Approximately 40 percent of 16- through 24-year-olds in institutionalized group quarters were dropouts in 2009 based on data from the American Community Survey (ACS) (Aud et al. 2011, table A-20-3). The rate was approximately 8 percent for 16- through 24-year-olds in the civilian, noninstitutionalized population. Those in institutionalized group quarters include prison inmates as well as individuals in some mental health facilities and juvenile group quarter settings (U.S. Department of Commerce, Census Bureau, n.d.).

<sup>4</sup> Levin and Belfield estimate costs at \$209,000 as of 2004. The estimate here is adjusted for inflation between 2004 and 2009 using March 2004 and March 2009 consumer price indexes.

<sup>5</sup> Trend analyses show a pattern of decline in event dropout rates prior to 1990, a brief upward trend from 1991 through 1995, and then another decline through 2009. As a result, in this report, overall trends from 1972 to 2009 are reported, as well as separate trends from 1972 through 1990, 1990 through 1995, and 1995 through 2009, to increase the understanding of patterns over time in these rates.

completers in 2009. Four rates are presented to provide a broad picture of high school dropouts and completers in the United States, with the event dropout rate, the status dropout rate, the status completion rate, and the averaged freshman graduation rate each contributing unique information. Information about individuals who pass the GED exam is provided to place the different rates into context relative to this widely used alternative high school credential.

- The **event dropout rate** estimates the percentage of high school students who left high school between the beginning of one school year and the beginning of the next without earning a high school diploma or an alternative credential (e.g., a GED). This report presents a national event dropout rate for students attending both public and private schools using the Current Population Survey (CPS) and state event dropout rates for public high school students using the Common Core of Data (CCD). Event dropout rates can be used to track annual changes in the dropout behavior of students in the U.S. school system.
- The **status dropout rate** reports the percentage of individuals in a given age range who are not in school (public or private) and have not earned a high school diploma or an alternative credential. The rate is calculated using CPS data with supplemental information from the American Community Survey (ACS) for all analyses of those in institutionalized group quarters. It focuses on an overall age group as opposed to individuals in the U.S. school system, so it can be used to study general population issues.
- The **status completion rate** indicates the percentage of individuals in a given age range who are not currently enrolled in high school and who have earned a high school diploma or an alternative credential, irrespective of when or where the credential was earned.<sup>6</sup> The rate is calculated using CPS data. It focuses on an overall age group as opposed to individuals in the U.S. school system, so it can be used to study general population issues.<sup>7</sup>
- The **averaged freshman graduation rate** estimates the proportion of public high school freshmen who graduate with a regular diploma 4 years after starting 9th grade. The rate is calculated using data from the CCD. It focuses on public high school students as opposed to all high school students or the general population and is designed to provide an estimate of on-time graduation from high school. Thus, it provides a measure of the extent to which public high schools are graduating students within the expected period of 4 years.

More information about how the rates are derived and about the data that are used for these rates is provided briefly in the body of the report, with more detail provided in appendix A.

Data presented in this report are drawn from the annual October Current Population Survey (CPS), the annual Common Core of Data (CCD) collections, and the annual General Educational Development Testing Service (GEDTS) statistical reports. Data in the CPS files are collected through household interviews and are representative of the civilian, noninstitutionalized

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<sup>6</sup> The status completion rate is not the inverse of the status dropout rate (i.e., status completion does not equal 100 minus the status dropout rate). The rates are based on different age ranges, and the completion rate excludes high school students from its denominator, whereas high school students are included in the denominator of the status dropout rate.

<sup>7</sup> Seastrom et al. (2006a) refer to this rate as the “Current Population Survey High School Completion Indicator.”

population in the United States, including students attending public and private schools. The CCD data are collected from state education agencies about all public schools and school systems in the United States, and contain aggregates of administrative record data kept by these agencies that are representative of all public school students in this country. The GEDTS data are also built from administrative record data kept by the testing service, and contain information about all GED test takers (data presented in this report are restricted to individuals in the 50 states and the District of Columbia).<sup>8</sup>

As with all data collections, those used in this report are useful for calculating some types of estimates, but poorly suited for calculating other types. For example, CPS data are well suited for studying the civilian, noninstitutionalized population in the United States, including students attending public and private schools, but do not provide information about military personnel or individuals residing in institutionalized group quarters, such as prison inmates or patients in long-term medical or custodial facilities. Data from CPS cannot produce estimates below regional levels of geography for the age groups used in this report. Data from the CCD are appropriate for studying public school students in a given year, but do not provide information on private school students or young people who did not attend school in the United States. GEDTS data are helpful for identifying the number of people who take and pass the GED examination in a given year, but do not contain information about schools that GED test takers attended before taking the GED test. In addition, none of the datasets track individual students over time, limiting their usefulness for studying the processes and precise time lines associated with completing high school or dropping out.<sup>9</sup>

Differences between individuals who completed high school with a regular high school diploma and those who completed high school with alternative credentials such as a GED are discussed in the report. Because the GED is the primary option available to individuals to complete high school outside of a regular high school curriculum and because of limitations with CPS data in terms of being able to effectively identify GED and other alternative credential holders,<sup>10</sup> alternative credential recipients are not included in dropout counts and are not separated from regular diploma holders in the status completion rates. Separate estimates of GED recipients are provided, however, based on GEDTS data. Published data from GEDTS do not

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<sup>8</sup> Appendix A contains information about the data collections and describes in detail how the rates are computed.

<sup>9</sup> Several states have student-level administrative record systems that follow student progress over time that can be used for this kind of analysis. NCES is supporting the development of similar systems across additional states (see <http://nces.ed.gov/programs/slds/> for details), and periodically conducts national-level longitudinal studies of high school students that can be used for such analysis (e.g., the High School Longitudinal Study of 2009).

<sup>10</sup> GED recipients are combined in the CPS data with other alternative credential holders, and the estimates of all alternative credential holders from the CPS tend to be lower than GEDTS-estimated counts of GED recipients alone.

allow age-specific estimates by any other characteristics (e.g., 18- to 24-year-olds by sex), so details provided in this report are limited to age range information.

All changes or differences noted in this report were tested using Student's  $t$  statistic and are statistically significant at the  $p \leq .05$  level. Two-tailed  $t$ -tests are used throughout. When significance tests fail to meet the  $p \leq .05$  criterion and the comparison is of substantive interest, terminology such as "no measurable difference was found" is used in this report. Regression analysis was used to test for trends across age groups and over time. Analyses did not include adjustments for multiple comparisons. Standard error tables are available in appendix C.



# Findings

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## National Event Dropout Rates

The national event dropout rate presented here is based on data from the CPS and is an estimate of the percentage of both private and public high school students who left high school between the beginning of one school year and the beginning of the next without earning a high school diploma or an alternative credential, such as a GED. Specifically, the rate describes the percentage of youth ages 15 through 24 in the United States who dropped out of grades 10–12 from either public or private schools in the 12 months between one October and the next (e.g., October 2008 to October 2009).<sup>11</sup> The measure provides information about the rate at which U.S. high school students are leaving school without receiving a high school credential. As such, it can be used to study student experiences in the U.S. secondary school system in a given year. It is not well suited for studying how many people in the country lack a high school credential irrespective of whether they attended U.S. high schools, nor does it provide a picture of the dropout problem more generally because it only measures how many students dropped out in a single year, and students may reenter the school system after that time. More detail about the definition and computation of the event dropout rate and other rates along with a summary table of how rates in this report relate to each other can be found in appendix A.

- **Event dropout rates:** On average, 3.4 percent of students who were enrolled in public or private high schools in October 2008 left school before October 2009 without completing a high school program (table 1). No measurable change was detected in the event dropout rate between 2008 and 2009 (3.5 percent in 2008 and 3.4 percent in 2009); however, since 1972, event dropout rates have trended downward, from 6.1 percent in 1972 to 3.4 percent in 2009 (figure 1 and table 2).<sup>12</sup> The rate declined through the 1970s and 1980s reaching 4.0 percent in 1990. Between 1990 and 1995, the rate increased to 5.7 percent. The rate then declined again, reaching 3.4 percent in 2009. These fluctuations during the 1990s and 2000s resulted in no measurable difference between the 1990 and 2009 event dropout rates.
- **Event dropout rates by sex:** There was no measurable difference in the 2009 event dropout rates for males and females, a pattern generally found since 1972 (tables 1 and 3). Exceptions to this pattern occurred in 4 years—1974, 1976, 1978, and 2000—when males had measurably higher event dropout rates than females.

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<sup>11</sup> Data on 9th-grade dropouts are not available in the Current Population Survey (see appendix A for more information). The state event dropout rates for public high school students presented later in this report are based on the Common Core of Data, which includes 9th-graders.

<sup>12</sup> Trend analyses were conducted using regressions. See appendix A for more details.

- **Event dropout rates by race/ethnicity:**<sup>13</sup> Black and Hispanic students had higher event dropout rates than White students in 2009 (table 1). The event dropout rate was 4.8 percent for Blacks and 5.8 percent for Hispanics, compared to 2.4 percent for Whites. The general downward trend in event dropout rates over the nearly four-decade period from 1972 through 2009 observed in the overall population was also found among Whites, Blacks, and Hispanics (table 3).<sup>14</sup> However, the decreases happened at different times over this 37-year period for these racial/ethnic groups. The pattern found among Whites mirrored that in the overall population: a decrease in event rates from 1972 through 1990, an increase from 1990 through 1995, and another decrease from 1995 through 2009. Blacks also experienced a decline from 1972 through 1990 and an increase from 1990 through 1995, but their event dropout rates fluctuated and no measurable trend was found between 1995 and 2009. Hispanics, on the other hand, experienced no measurable change in their event dropout rates from 1972 through 1990 and no measurable change from 1990 through 1995, but did experience a decline from 1995 through 2009.
- **Event dropout rates by family income:** In 2009, the event dropout rate of students living in low-income families was about five times greater than the rate of their peers from high-income families (7.4 percent vs. 1.4 percent) (table 1).<sup>15</sup>

Students from low-, middle-, and high-income families experienced an overall decline in event dropout rates during the three-and-a-half-decade period of the mid-1970s through 2009 (figure 1 and table 4). Comparable income data are not available for 1974, so trend analyses were conducted from 1975 onward. All three groups of students experienced declines in event dropout rates from 1975 through 1990. Rates for those from low-income families fell from 15.7 percent to 9.5 percent. Rates for students from middle-income families fell from 6.0 percent to 4.3 percent, and rates for those from high-income families fell from 2.6 percent to 1.1 percent. From 1990 to 1995, students from low-income families experienced an upward trend from 9.5 percent to 13.3 percent, while their peers from middle- and high-income families experienced no measurable change. In the last 14 years (1995–2009), the event rates for low-income and middle-income families trended downward. Event dropout rates for students from high-income families fluctuated and no measurable trend was found

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<sup>13</sup> All of the 2009 tables report data for the following four racial/ethnic categories: White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander, non-Hispanic; and Hispanic. The first three categories consist of individuals who identified as only one race and who did not identify as Hispanic. The fourth category consists of Hispanics of all races and racial combinations. For 2009 status dropout and status completion rates (tables 6 and 9, respectively), results for two additional racial/ethnic groups are presented: American Indian/Alaska Native, non-Hispanic; and persons of two or more races, non-Hispanic. Because of small sample sizes, American Indians/Alaska Natives and persons of two or more races are included in the total, but not shown separately for 2009 event dropout rates and for event dropout, status dropout, and status completion results for prior years. For simplicity, the terms “White,” “Black,” “Asian/Pacific Islander,” “American Indian/Alaska Native,” and “two or more races” are used in the text of this report without the “non-Hispanic” label.

<sup>14</sup> The trend analyses conducted to examine this nearly four-decade period are based on annual rate estimates for each year from 1972 through 2009. Separate trend analyses were also conducted for each racial/ethnic group separately for trends across the three shorter time periods indicated in the bullet: 1972–1990, 1990–1995, and 1995–2009. Because of small sample sizes for many of the earlier years, reliable trend analyses could not be conducted for Asians/Pacific Islanders, American Indians/Alaska Natives, and persons of two or more races.

<sup>15</sup> “Low income” is defined here as the lowest 20 percent of all family incomes, while “high income” refers to the top 20 percent of all family incomes. In 2009, low-income families included those with \$17,997 or less in family income, while high-income families included those with \$86,820 or more in family income. For respondents missing data for family income (18.4 percent of the weighted sample in table 1), cold-deck procedures were used to impute data.

during the same 14-year period; there was no measurable difference between their 1995 and 2009 rates (2.0 percent in 1995 and 1.4 percent in 2009).

- **Event dropout rates by age:** Students who pursued a high school education past the typical high school age were at higher risk than others of becoming an event dropout (table 1). The 2009 event dropout rates for students in the typical age range for fall high school enrollment (ages 15 through 17) were lower than those for older students (ages 20 through 24). Specifically, 2.8 percent of 15- through 16-year-olds and 2.5 percent of 17-year-olds dropped out in the 1-year reference period, compared to 19.1 percent of 20- through 24-year-olds.
- **Event dropout rates by disability:** The 2009 event dropout rate for students with disabilities was not measurably different from the rate for students who did not have disabilities.<sup>16</sup>
- **Event dropout rates by geographic region:** Despite finding differences across regions of the United States (Northeast, Midwest, South, and West) in 2008, there were no measurable differences in the event dropout rates for high school students for 2009. The size of the 2009 standard errors may have influenced this result.

## State Event Dropout Rates for Public High School Students

State-level event dropout rates for public high school students are calculated using data from 1993 through 2009 from the CCD. The 2009 rate reported in this publication reflects the percentage of public school students who were enrolled in grades 9–12 at some point during the 2008–09 school year, but were not enrolled in school in October 2009 and had not earned a high school diploma or completed a state- or district-approved education program.<sup>17</sup> Rates for prior years were calculated in a similar manner.<sup>18</sup> State event dropout rates are useful for evaluating the performance of public high school systems in reporting states. They do not include information about individuals outside the public school system. Rates are presented for the District of Columbia and the 50 states for the 2008–09 school year (table 5).

- **State event dropout rates for 9th- through 12th-grade public high school students:** The 2008–09 CCD event dropout rates ranged from 1.1 percent in Wyoming to 11.5 percent in Illinois (table 5). In all, event dropout rates for public high school students in grades 9–12 were lower than 3 percent in 19 states: Wyoming, 1.1 percent; Alabama, 1.5 percent; Idaho, 1.6 percent; New Jersey, 1.6 percent; Indiana, 1.7 percent; New Hampshire, 1.7 percent; South Dakota, 1.8 percent; Minnesota, 1.9 percent; Kansas, 2.1 percent; Pennsylvania, 2.3 percent; Wisconsin, 2.3 percent; Nebraska, 2.4 percent; North Dakota, 2.5 percent;

<sup>16</sup> Individuals identified in this report as having a disability were reported to have difficulty with at least one of the following: hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

<sup>17</sup> State and local policies can affect the numbers of graduates reported in the CCD. For example, some states have in-school General Education Development (GED) programs that require fewer credit hours than a regular high school track, but leads to the award of regular diplomas.

<sup>18</sup> Some states report using an alternative 1-year period from one July to the next. Rates for those states are presented because event dropout rates based on the July-to-July calendar are comparable to those calculated using an October-to-October calendar (Winglee et al. 2000).

Oklahoma, 2.5 percent; Virginia, 2.5 percent; Florida, 2.6 percent; Vermont, 2.6 percent; Kentucky, 2.9 percent; and Massachusetts, 2.9 percent. Five states and the District of Columbia had event dropout rates of 6 percent or more: Colorado, 6.1 percent; Louisiana, 6.8 percent; Alaska, 7.0 percent; the District of Columbia, 7.0 percent; Arizona, 8.3 percent; and Illinois, 11.5 percent.

- Combining data from the 50 states and the District of Columbia, approximately 607,000 public high school students dropped out of grades 9–12 during the 2008–09 school year (data not shown in tables). This translates into an event dropout rate of 4.1 percent.<sup>19</sup>

## National Status Dropout Rates

The status dropout rate measures the percentage of individuals who are not enrolled in high school and who do not have a high school credential. The status dropout rate is higher than the event rate in a given year because the status dropout rate includes all dropouts in a particular age range, regardless of when or where they last attended school, including individuals who may have never attended school in the United States. Based on the 16- through 24-year-old age range, the measure provides an indicator of the proportion of young people who lack a high school credential. While useful for measuring overall educational attainment among young adults in the United States, the status dropout rate is not useful as an indicator of the performance of schools because it includes those who never attended school in the United States. Using data from the CPS, the status dropout rates in this report show the percentage of young people ages 16 through 24 who are out of school and who have not earned a high school diploma or alternative credential, such as a GED.

- **Status dropout rates:** In October 2009, approximately 3.0 million 16- through 24-year-olds were not enrolled in high school and had not earned a high school diploma or alternative credential (table 6). These status dropouts accounted for 8.1 percent of the 38 million noninstitutionalized, civilian 16- through 24-year-olds living in the United States.

Among all individuals in this age group, status dropout rates trended downward between 1972 and 2009, from 14.6 percent to 8.1 percent (figure 2 and table 7). The status dropout rate in 2009 was lower than that in 1990, unlike the event dropout rate, where no differences were detected between these 2 years.

- **Status dropout rates by sex:** Males ages 16–24 had a higher status dropout rate than females in 2009 (9.1 vs. 7.0 percent) (table 6).
- **Status dropout rates by race/ethnicity:** The 2009 status dropout rate for Asians/Pacific Islanders (3.4 percent) was the lowest among the racial/ethnic groups considered in this

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<sup>19</sup> The number of event dropouts based on CCD data is significantly higher than the number of event dropouts based on CPS data, after restricting CCD counts to grades 10–12 to align with the grade range used in CPS estimates. This may be due, in part, to how the different sources of data account for alternative credentials, like the GED. Students earning GEDs through public school systems are generally not counted as dropouts in the CCD, while students who leave the public school system are considered dropouts. Irrespective of how a GED is obtained, CPS data do not count students who earn them as dropouts. When this reporting difference is accounted for, estimates from both sources are not detectably different.

report. Whites had the next lowest rate (5.2 percent). The Black status dropout rate was lower than the rate for Hispanics (9.3 vs. 17.6 percent, respectively) (table 6). The status dropout rate for persons of two or more races (6.5 percent) was lower than the rate for Hispanics and higher than the rate for Asians/Pacific Islanders, but not measurably different from the rate for Whites or Blacks.

Since 1972 the difference between the status dropout rates of Whites and Blacks has narrowed (figure 2 and table 8). This narrowing of the gap occurred during the 1980s, with no measurable change during the 1970s or between 1990 and 2009.

The percentage of Hispanics ages 16–24 who were dropouts was consistently higher than that of Blacks and Whites throughout the 37-year period of 1972–2009 (figure 2 and table 8). White and Black status dropout rates fell significantly from 1972 to 2009; the rate for Whites fell from 12.3 to 5.2 percent, and the rate for Blacks declined from 21.3 to 9.3 percent. Between 1972 and 1990, Hispanic status dropout rates were generally consistent, but since 1990 they have demonstrated a downward trend, falling from 32.4 to 17.6 percent.

In 2009, some 31.3 percent of Hispanic 16- through 24-year-olds born outside the United States were status high school dropouts (table 6). Hispanics born in the United States had lower status dropout rates than immigrant Hispanics (11.8 percent and 10.2 percent for “first generation” and “second generation or higher,” respectively).<sup>20</sup> In each “recency of immigration” category in table 6, Hispanic youth had higher status dropout rates than non-Hispanic youth.

- **Status dropout rates by sex and race/ethnicity:** Dropout rates for Whites and Hispanics varied by sex (figure 3). Among White students, 6.3 percent of males were status dropouts in 2009 compared to 4.1 percent of females. Black males also had higher status dropout rates than their female counterparts (10.6 vs. 8.1 percent, respectively). No differences by sex were detected in status dropout rates for Hispanics, Asians/Pacific Islanders, American Indians/Alaska Natives, or persons of two or more races.
- **Status dropout rates by age:** Persons ages 16 and 17 had lower status dropout rates in 2009 (2.7 percent and 4.4 percent, respectively) than 18, 19, and 20- through 24-year-olds (7.8 percent to 9.7 percent), at least in part because most 16- and 17-year-olds were still actively pursuing a high school diploma (table 6).<sup>21</sup>
- **Status dropout rates by disability:** Sixteen- through 24-year-olds with disabilities had a status dropout in 2009 that was about twice as large as the rate for their peers without disabilities (15.5 vs. 7.8 percent) (table 6).
- **Status dropout rates by geographic region:** In 2009, the Northeast had a lower status dropout rate (7.1 percent) than the South and the West (8.4 percent and 8.6 percent, respectively) (table 6).

<sup>20</sup> Individuals defined as “first generation” were born in the 50 states or the District of Columbia, but one or both of their parents were born outside the 50 states or the District of Columbia. Individuals defined as “second generation or higher” were born in the 50 states or the District of Columbia, as were both of their parents.

<sup>21</sup> In 2009, data from the CPS show that high school enrollment rates by age group were 95.0 percent for 16-year-olds, 89.1 percent for 17-year-olds, 31.7 percent for 18-year-olds, 5.8 percent for 19-year-olds, and 1.0 percent for 20- through 24-year-olds (estimates not shown in tables).

## National Status Completion Rates

The status completion rate indicates the percentage of young people who have left high school and who hold a high school credential. The rate reported here is based on CPS data and represents the percentage of 18- through 24-year-olds who are not enrolled in high school and who have earned a high school diploma or an alternative credential, including a GED certificate.<sup>22</sup> The status completion rate includes individuals who may have completed their education outside the United States, so the rate is not suited for measuring the performance of the education system in this country. The status completion rate is not the inverse of the status dropout rate (i.e., status completion does not equal 100 minus the status dropout rate). The rates are based on different age ranges, with the status dropout rate reported for 16- through 24-year-olds and the status completion rate reported for 18- through 24-year-olds. The completion rate excludes high school students from its denominator, whereas high school students are included in the denominator of the status dropout rate.

- **Status completion rates:** In 2009, some 89.8 percent of 18- through 24-year-olds not enrolled in high school had received a high school diploma or alternative credential (table 9).<sup>23</sup> Overall, status completion rates have increased since 1972 (figure 4 and table 10), but during the 1970s they exhibited no consistent upward or downward trend. Since 1980, the rate has shown an upward trend, starting at 83.9 percent in 1980 and rising to 89.8 percent in 2009.
- **Status completion rates by sex:** Females ages 18–24 who were not enrolled in high school in 2009 had a higher status completion rate (91.2 percent) than their male counterparts (88.3 percent) (table 9).
- **Status completion rates by race/ethnicity:** In 2009, among 18- through 24-year-olds not currently enrolled in high school, Asians/Pacific Islanders (95.9 percent) and Whites (93.8 percent) had status completion rates of over 90 percent. Both had rates that were higher than those for persons of two or more races (89.2 percent), Blacks (87.1 percent), American Indians/Alaska Natives (82.4 percent), and Hispanics (76.8 percent) (table 9).

Status completion rates for Whites, Blacks, and Hispanics exhibited no general patterns of change during the 1970s, but rates trended upward for each group between 1980 and 2009 (figure 4 and table 11).

In 2009, some 63.0 percent of foreign-born<sup>24</sup> Hispanics ages 18–24 who were not currently enrolled in high school had completed high school (table 9). Compared to foreign-born Hispanics, status completion rates were higher for Hispanics born in the United States (83.7 percent for “first generation” and 86.7 percent for “second generation or higher”), although in each immigrant category Hispanics had lower status completion rates than non-Hispanics.

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<sup>22</sup> Appendix A provides information about alternative credentials in the CPS data.

<sup>23</sup> Considering all 18- through 24-year-olds, irrespective of enrollment status, 84.4 percent held a high school credential in October 2009 (estimate not shown in tables).

<sup>24</sup> “Foreign-born” refers to people who were born outside of the 50 states and the District of Columbia.

- **Status completion rates by sex and race/ethnicity:** For Whites and Blacks, status completion rates differed by sex (figure 5). In 2009, White and Black females had higher status completion rates than their male counterparts. Specifically, 95.1 percent of White females and 88.9 percent of Black females had completed high school in 2009, compared to 92.4 percent of White males and 85.0 percent of Black males, respectively. No measurable differences by sex were detected between the status completion rates of Hispanics, American Indians/Alaska Natives, Asians/Pacific Islanders, and persons of two or more races.
- **Status completion rate by disability:** In 2009, persons ages 18–24 with disabilities and who were not enrolled in high school had a lower status completion rate (80.0 percent) than their peers without disabilities (90.1 percent) (table 9).
- **Status completion rates by geographic region:** Among 18- through 24-year-olds, those in the West and South had lower status completion rates (89.1 percent and 89.3 percent, respectively) in 2009 than their counterparts in the Northeast (90.9 percent) (table 9).

## **General Educational Development (GED) Credentials and National Status Completion Rates**

General Educational Development (GED) programs allow individuals who would otherwise lack a high school credential, because they did not complete a regular high school program of study, to obtain an alternative credential. Not completing a regular high school program can occur for several reasons, including dropping out of high school and immigrating into the country without ever enrolling in U.S. high schools. The GED is accepted by most colleges and universities that require a high school diploma for admission, and most companies that have positions requiring a high school diploma accept the GED as an alternative credential (American Council on Education 2009). While GEDs provide an important opportunity for those who do not earn a regular high school diploma to obtain a high school credential, GED recipients tend to fare significantly worse than those holding regular diplomas across a range of measures. For example, while GED recipients who go on to postsecondary education experience the same economic benefits as regular high school diploma earners who access postsecondary education, GED recipients attend postsecondary programs at much lower rates than regular high school diploma earners. Once in postsecondary education programs, completion rates are much lower for GED recipients than for those holding regular high school diplomas. Also, while high school dropouts with relatively low cognitive skills experience improved incomes if they earn a GED, dropouts with relatively high cognitive skills do not experience increased earnings after earning a GED (see Boesel, Alsalam, and Smith [1998] and Tyler [2003] for overviews of GED research).

To better understand how the number and rate of young people passing the GED exam relate to different estimates presented in this report, data from the GED Testing Service are used

to estimate the number of GED holders in the civilian, noninstitutionalized population in 2009.<sup>25</sup> Estimates of those passing the exams provide an approximation of those being awarded GEDs. It is possible to pass the tests and not meet additional criteria required to obtain the credential in some states. Data on GED credential issuance are not consistently available across the United States. Estimates are provided for 18- through 24-year-olds to correspond to the age range used for the status completion rates.<sup>26</sup>

- **National estimates of 18- through 24-year-olds with a GED in 2009:** There were approximately 1,479,000 persons ages 18 through 24 in 2009 who had passed the GED exam in 2009 or in prior years (data not shown in tables). This represents 5.4 percent of the civilian, noninstitutionalized population of 18- through 24-year-olds who were not in high school in 2009.
- **Status completion rates for 18- through 24-year-olds and the GED in 2009:** Among 18- through 24-year-olds who were high school completers in 2009, approximately 6 percent had passed the GED exam. Subtracting out those who passed the GED exam, the status completion rate in 2009 for regular high school diploma holders and those holding alternative credentials other than a GED was 84.4 percent (data not shown in tables).<sup>27</sup>

Focusing on the 18- through 24-year-old population without consideration of high school enrollment, approximately 84.4 percent held some form of high school credential in 2009, with 5.1 percent holding a GED and 79.3 percent holding a regular high school diploma or other alternative credential (data not shown in tables).<sup>28</sup>

## Averaged Freshman Graduation Rates for Public School Students

The averaged freshman graduation rate (AFGR) provides an estimate of the percentage of public high school students who graduate on time—that is, 4 years after starting 9th grade—with a regular diploma. Regular diploma earners are individuals who are awarded a regular high

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<sup>25</sup> To determine how many people in a given age range passed the GED exam requires summation of reported data over multiple years of GEDTS reports. For example, the number of 18- through 24-year-olds in 2009 who had passed the GED exam was estimated by taking the sum of those who passed the exam in 2009 at ages 18–24 plus those who passed the exam in 2008 at ages 17–23 plus those who passed the exam in 2007 at ages 16–22, and so on. See appendix A of this report for details of this calculation.

<sup>26</sup> Civilians in the noninstitutionalized population are the focus of the status dropout and completion rates. To align the GED estimates with this population, data from the *Survey of Inmates in State and Federal Correctional Facilities, 2004* (U.S. Department of Justice 2004) prorated to 2009 and data provided by the Defense Manpower Data Center for active-duty military personnel in 2009 were used. See appendix A of this report for details of how the GED estimates were aligned with the noninstitutionalized population.

<sup>27</sup> The CPS data used for the status completion rate include those holding alternative credentials (such as a GED) in the count of completers. Other alternative credentials exist, so removing the GED count from the count of completers does not result in a count of regular high school diploma holders. For discussion of alternative credentials offered by public school systems, please see Thurlow, Vang, and Cormier (2010).

<sup>28</sup> Similar estimates could be made in reference to the 16- through 24-year-old population, which is the focus of the status dropout rate. There were approximately 1,559,000 persons ages 16 through 24 in 2009 who had passed the GED exam in 2009 or prior years (data not shown in tables). This represents 4.1 percent of the civilian, noninstitutionalized population of 16- through 24-year-olds in 2009.



school diploma or a diploma that recognizes some higher level of academic achievement. They can be considered as students who meet or exceed the coursework and performance standards for high school graduation established by a state or other relevant authority. Other high school completers who were awarded alternate credentials such as a certificate of completion or GED are not included in the AFGR calculations because they are not considered regular graduates.

The rate uses aggregate student enrollment data to estimate the size of an incoming freshman class and aggregate counts of the number of diplomas awarded 4 years later. The incoming freshman class size is estimated by summing the enrollment in 8th grade for 1 year, 9th grade for the next year, and 10th grade for the year after and then dividing by 3. The averaging is intended to account for higher grade retention rates in the 9th grade. The National Institute of Statistical Sciences (NISS) Task Force, commissioned by NCES in 2004, determined that the best graduation indicator would be the exclusion-adjusted cohort graduation indicator (EACGI) (National Institute of Statistical Sciences and Education Statistics Services Institute 2004). However, current data collection systems prevent consistent calculation of this rate across states at this time. As an alternative, the AFGR was selected from a number of estimates that can be calculated using available cross-sectional data. This decision is based on a technical review and analysis of a set of alternative estimates (Seastrom et al. 2006a, 2006b). AFGR estimates are based on the CCD “State Nonfiscal Survey of Public Elementary/Secondary Education” and “State Dropout and Completion” data files, with ungraded<sup>29</sup> enrollments distributed proportionally to reported enrollments by grade.

- **National averaged freshman graduation rate for public school students:** The AFGR among public school students in the United States for the class of 2008–09 was 75.5 percent (table 12).
- **State averaged freshman graduation rates for public school students:** For the class of 2008–09, the AFGR ranged from 56.3 percent in Nevada to 90.7 percent in Wisconsin (figure 6 and table 12). Sixteen states had rates of 80.0 percent or higher—Wisconsin, 90.7 percent; Vermont, 89.6 percent; North Dakota, 87.4 percent; Minnesota, 87.4 percent; Iowa, 85.7 percent; New Jersey, 85.3 percent; New Hampshire, 84.3 percent; Massachusetts, 83.3 percent; Missouri, 83.1 percent; Nebraska, 82.9 percent; Montana, 82.0 percent; South Dakota, 81.7 percent; Idaho, 80.6 percent; Pennsylvania, 80.5 percent; Kansas, 80.2 percent; and Maryland, 80.1 percent. Eight states had rates below 70.0 percent—Alabama, 69.9 percent; Florida, 68.9 percent; Georgia, 67.8 percent; Louisiana, 67.3 percent; South Carolina, 66.0 percent; New Mexico, 64.8 percent; Mississippi, 62.0 percent; and Nevada, 56.3 percent—as did the District of Columbia, 62.4 percent.
- **Changes in rates from 2007–08 to 2008–09:** Focusing on reporting states in both years (one state was missing data in 2007–08), the AFGR among public school students in the graduating class of 2008–09 was higher than the rate for the class of 2007–08 (75.5 percent

<sup>29</sup> Ungraded students are those who are assigned to a class or program that does not have standard grade designations.

vs. 74.9 percent) (table 13).<sup>30</sup> Between 2007–08 and 2008–09, the data also show an increase of a percentage point or more in the AFGR for 22 states and the District of Columbia. The AFGR decreased by a percentage point or more for nine states during that same time period.

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<sup>30</sup> South Carolina did not report diploma information for 2007–08. Data were available to estimate the number of first-time freshmen in 2004–05 (the graduating class of 2007–08). If the AFGR for 2006–07 in South Carolina were applied to the estimate of first-time freshmen in 2004–05, and the freshman count and resulting diploma count added to national totals, the AFGR for the United States would have been 74.7 percent in 2007–08.

## References

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- American Council on Education, GED Testing Service. (1991–2002). *Who Took the GED?* GED Annual Statistical Report. Washington, DC: Author.
- American Council on Education, GED Testing Service. (2003–06). *Who Passed the GED Tests?* Annual Statistical Report. Washington, DC: Author.
- American Council on Education, GED Testing Service. (2007). *2006 GED Testing Program Statistical Report*. Washington, DC: Author.
- American Council on Education, GED Testing Service. (2008). *2007 GED Testing Program Statistical Report*. Washington, DC: Author.
- American Council on Education, GED Testing Service. (2009). *2008 GED Testing Program Statistical Report*. Washington, DC: Author.
- American Council on Education, GED Testing Service. (2010). *2009 GED Testing Program Statistical Report*. Washington, DC: Author.
- Aud, S., Hussar, W., Kena, G., Bianco, K., Frohlich, L., Kemp, J., and Tahan, K. (2011). *The Condition of Education 2011* (NCES 2011-033). U.S. Department of Education, National Center for Education Statistics. Washington, DC: U.S. Government Printing Office.
- Boesel, D., Alsalam, N., and Smith, T.M. (1998). *Educational and Labor Market Performance of GED Recipients*. Washington, DC: U.S. Department of Education.
- Cahoon, L. (2005). Source and Accuracy Statement for the October 2004 CPS Microdata File on School Enrollment. Washington, DC: U.S. Department of Commerce, Census Bureau.
- Elementary and Secondary Education Act, as amended by the No Child Left Behind Act of 2001, P.L. 107-110, 115 Stat. 1425 (2002).
- Gujarati, D. (1998). *Basic Econometrics* (2nd ed.). New York: McGraw Hill.

- Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Laird, J., DeBell, M., Kienzl, G., and Chapman, C. (2007). *Dropout Rates in the United States: 2005* (NCES 2007-059). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Levin, H.M., and Belfield, C.R. (2007). Educational Interventions to Raise High School Graduation Rates. In C.R. Belfield and H.M. Levin (Eds.), *The Price We Pay: Economic and Social Consequences of Inadequate Education* (pp. 177–199). Washington, DC: Brookings Institution Press.
- Mishel, L., and Roy, J. (2006). *Rethinking High School Graduation Rates and Trends*. Washington, DC: Economic Policy Institute.
- National Institute of Statistical Sciences and Education Statistics Services Institute. (2004). National Institute of Statistical Sciences/Education Statistics Services Institute Task Force on Graduation, Completion, and Dropout Indicators (NCES 2005-105). U.S. Department of Education. Washington, DC: National Center for Education Statistics.
- Pleis, J.R., Ward, B.W., and Lucas, J.W. (2010). *Vital and Health Statistics: Summary Health Statistics for U.S. Adults: National Health Interview Survey, 2009*. Series 10: No. 249. Hyattsville, MD: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics.
- Rouse, C.E. (2007). Quantifying the Costs of Inadequate Education: Consequences of the Labor Market. In C.R. Belfield and H.M. Levin (Eds.), *The Price We Pay: Economic and Social Consequences of Inadequate Education* (pp. 99–124). Washington, DC: Brookings Institution Press.
- Sable, J., and Naum, J. (2004a). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 1997–98* (NCES 2001-302R). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Sable, J., and Naum, J. (2004b). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 1998–99* (NCES 2002-310R). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

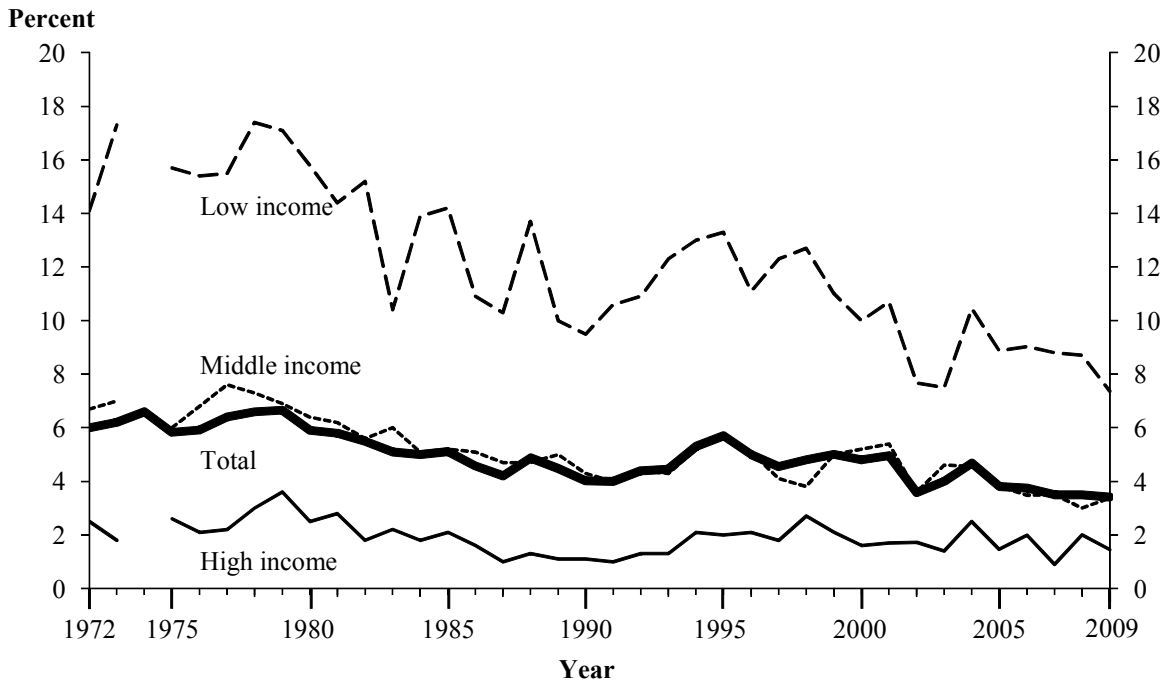
- Sable, J., and Naum, J. (2004c). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 1999–2000* (NCES 2002-384R). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Sable, J., and Naum, J. (2004d). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 2000–01* (NCES 2002-315R). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Sable, J., Naum, J., and Thomas, J.M. (2004). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 2001–02* (NCES 2005-349). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Seastrom, M., Chapman, C., Stillwell, R., McGrath, D., Peltola, P., Dinkes, R., and Xu, Z. (2006a). *User's Guide to Computing High School Graduation Rates, Volume 1: Review of Current and Proposed Graduation Indicators* (NCES 2006-604). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Seastrom, M., Chapman, C., Stillwell, R., McGrath, D., Peltola, P., Dinkes, R., and Xu, Z. (2006b). *User's Guide to Computing High School Graduation Rates, Volume 2: Technical Evaluation of Proxy Graduation Indicators* (NCES 2006-605). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Seastrom, M., Hoffman, L., Chapman, C., and Stillwell, R. (2005). *The Averaged Freshman Graduation Rate for Public High Schools From the Common Core of Data: School Years 2001–02 and 2002–03* (NCES 2006-601). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Stillwell, R., Sable, J., and Plotts, C. (2011). *Public School Graduates and Dropouts From the Common Core of Data: School Year 2008–09* (NCES 2011-312). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.
- Thurlow, M., Vang, M., and Cormier, D. (2010). *Earning a High School Diploma Through Alternative Routes* (Synthesis Report 76). Minneapolis, MN: University of Minnesota, National Center on Educational Outcomes.

- Tyler, J. (2003). Economic Benefits of the GED: Lessons From Recent Research. *Review of Educational Research*, 73(3): 369–403.
- U.S. Department of Commerce, Census Bureau. (n.d.). *American Community Survey – Puerto Rico Community Survey: 2009 Code List*. Washington, DC. Retrieved June 21, 2011, from [http://www.census.gov/acs/www/Downloads/data\\_documentation/CodeLists/2009\\_ACS\\_Code\\_Lists.pdf](http://www.census.gov/acs/www/Downloads/data_documentation/CodeLists/2009_ACS_Code_Lists.pdf).
- U.S. Department of Commerce, Census Bureau. (2010). *Current Population Survey, October 2009: School Enrollment and Internet Use Supplement File* (Technical Documentation CPS-10). Washington, DC: Author.
- U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 2010.
- U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.
- U.S. Department of Education, National Center for Education Statistics. (n.d.) *Documentation to the NCES Common Core of Data Local Education Agency Universe Dropout and Completion Data File: School Years 1991–92 through 1996–97*. Washington, DC. Retrieved August 6, 2007, from <http://www.nces.ed.gov/ccd/drp7yrpag.asp>.
- U.S. Department of Justice, Bureau of Justice Statistics. (2004). *Survey of Inmates in State and Federal Correctional Facilities, 2004*. Unpublished estimates (ICPSR04572-v1). Ann Arbor, MI: Inter-University Consortium for Political and Social Research.
- U.S. Department of Justice, Bureau of Justice Statistics. (2010). *Prison Inmates at Midyear – 2009* (NCJ-230113). Washington, DC. Retrieved March 28, 2011, from <http://bjs.ojp.usdoj.gov/index.cfm?ty=pbdetail&iid=2200>.
- U.S. Department of Labor, Bureau of Labor Statistics. (2010). Tabulations retrieved March 4, 2010, from <http://www.bls.gov/cps/cpsa2009.pdf>.
- Winglee, M., Marker, D., Henderson, A., Aronstamm Young, B., and Hoffman, L. (2000). *A Recommended Approach to Providing High School Dropout and Completion Rates at the State Level* (NCES 2000-305). National Center for Education Statistics, U.S. Department of Education. Washington, DC.

## Figures

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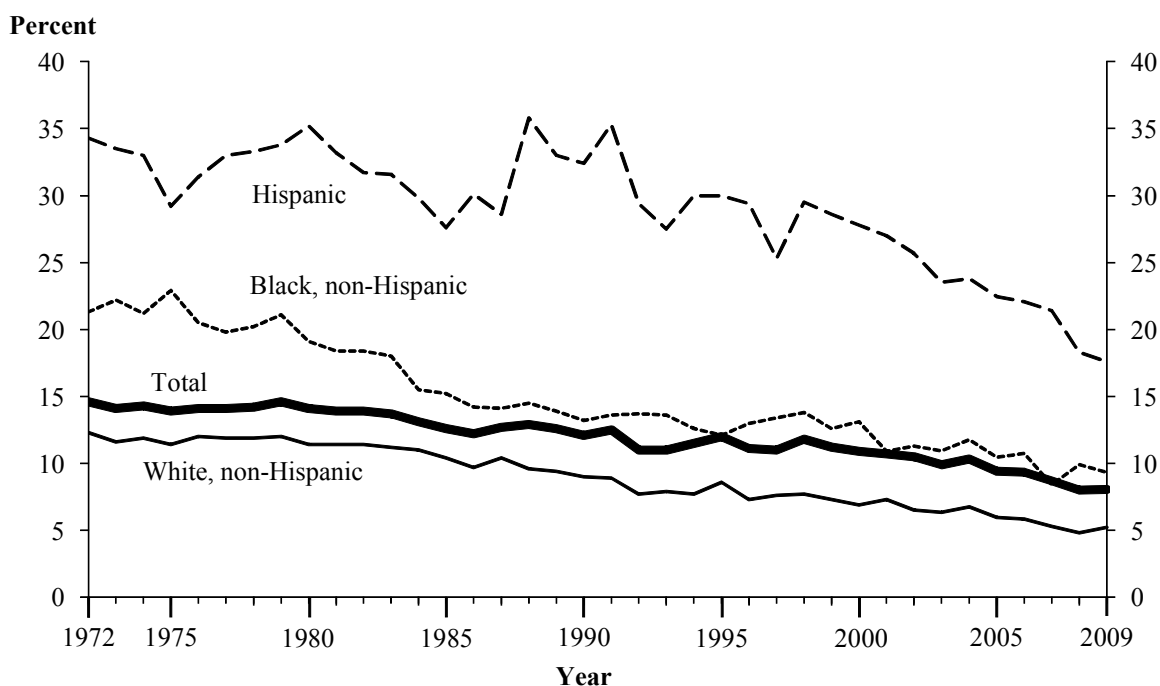
**Figure 1. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by family income: October 1972 through October 2009**



NOTE: The event dropout rate indicates the percentage of youth ages 15 through 24 who dropped out of grades 10–12 between one October and the next (e.g., October 2008 to October 2009). Dropping out is defined as leaving school without a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Low income is defined as the bottom 20 percent of all family incomes for the year; middle income is between 20 and 80 percent of all family incomes; and high income is the top 20 percent of all family incomes. Data on family income are missing for 1974. Estimates beginning with 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning with 1992 reflect new wording of the educational attainment item. Estimates beginning with 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education, Washington, DC. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October (1972–2009).



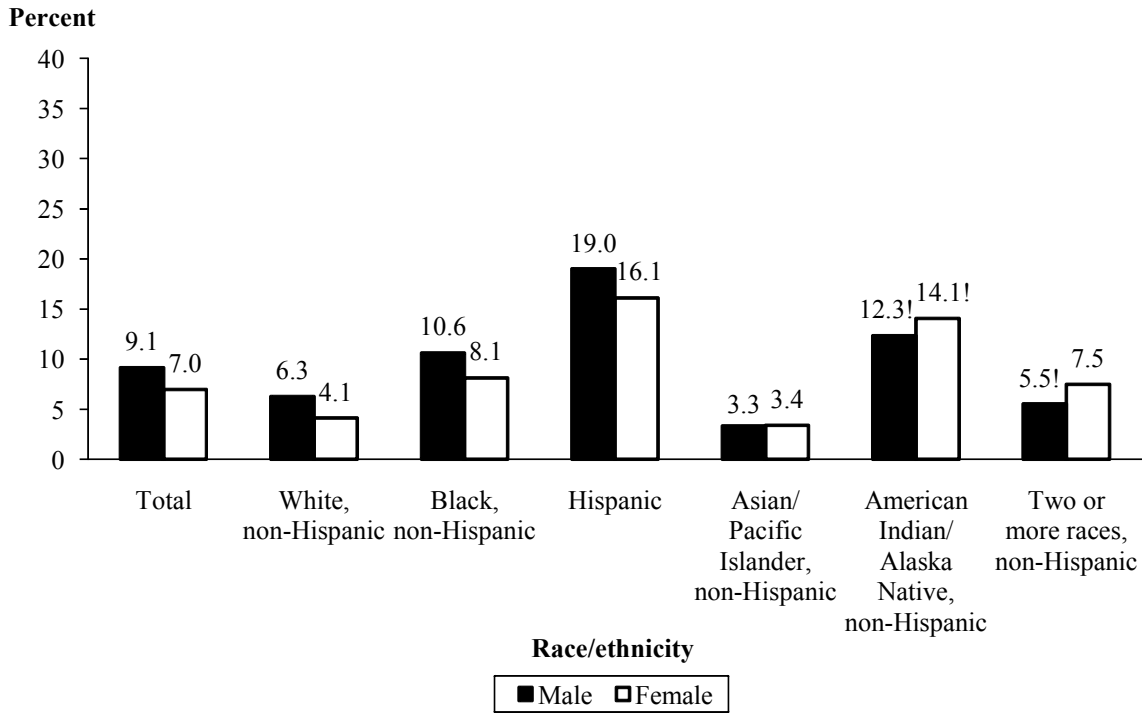
**Figure 2. Status dropout rates of 16- through 24-year-olds, by race/ethnicity: October 1972 through October 2009**



NOTE: The status dropout rate indicates the percentage of 16- through 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a General Educational Development (GED) certificate. Beginning in 2003, respondents were able to identify themselves as being two or more races. The 2003 through 2009 categories for White, non-Hispanic; and Black, non-Hispanic contain only respondents who indicated just one race. The Hispanic category includes Hispanics of all races and racial combinations. Due to small sample sizes for some or all of the years shown in the figure, Asians/Pacific Islanders and American Indians/Alaska Natives who are not Hispanic are included in the totals but not shown separately. The “two or more races, non-Hispanic” category is also included in the total in 2003 through 2009 but not shown separately due to small sample sizes. The variability of Hispanic status rates reflects, in part, small sample size of Hispanics in earlier years of the Current Population Survey (CPS). Beginning with 1987, estimates reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning with 1992 reflect new wording of the educational attainment item. Estimates beginning with 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the CPS over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Figure 3. Status dropout rates of 16- through 24-year-olds, by race/ethnicity and sex: October 2009**

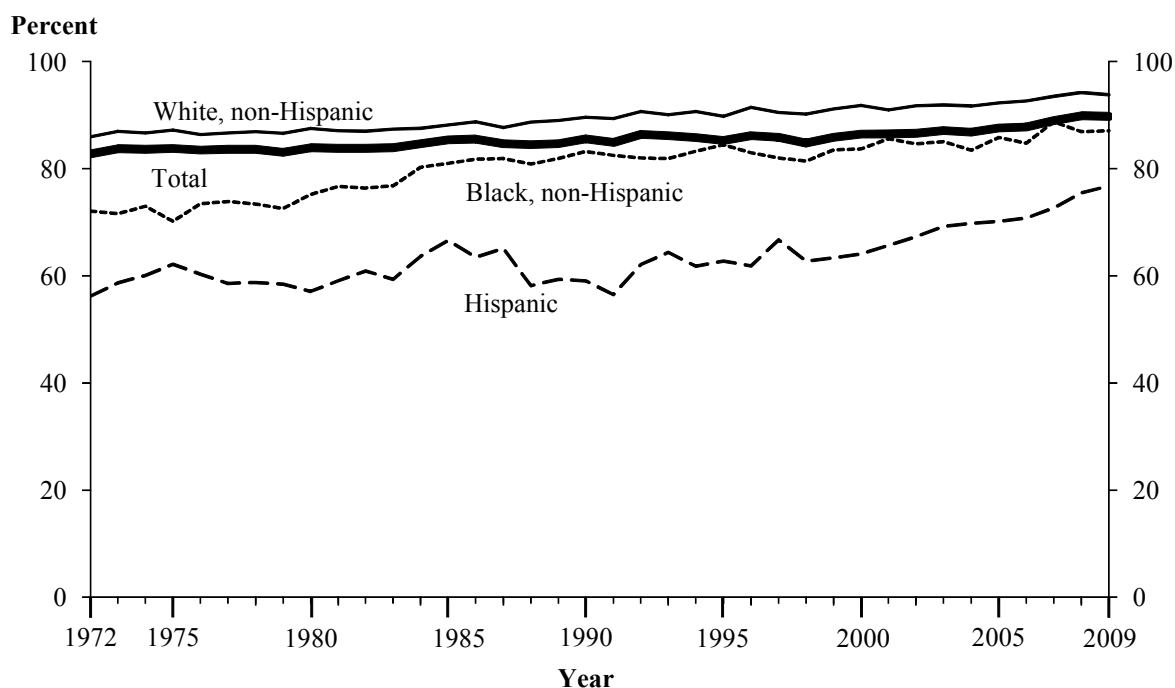


! Interpret data with caution. The coefficient of variation (CV) for this estimate is 30 percent or greater.

NOTE: The status dropout rate indicates the percentage of 16- through 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a General Educational Development (GED) certificate. Respondents were able to identify themselves as being two or more races. The White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander, non-Hispanic; and American Indian/Alaska Native, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. Non-Hispanics who identified themselves as multiracial are included in the “two or more races, non-Hispanic” category. The Hispanic category consists of Hispanics of all races and racial combinations.

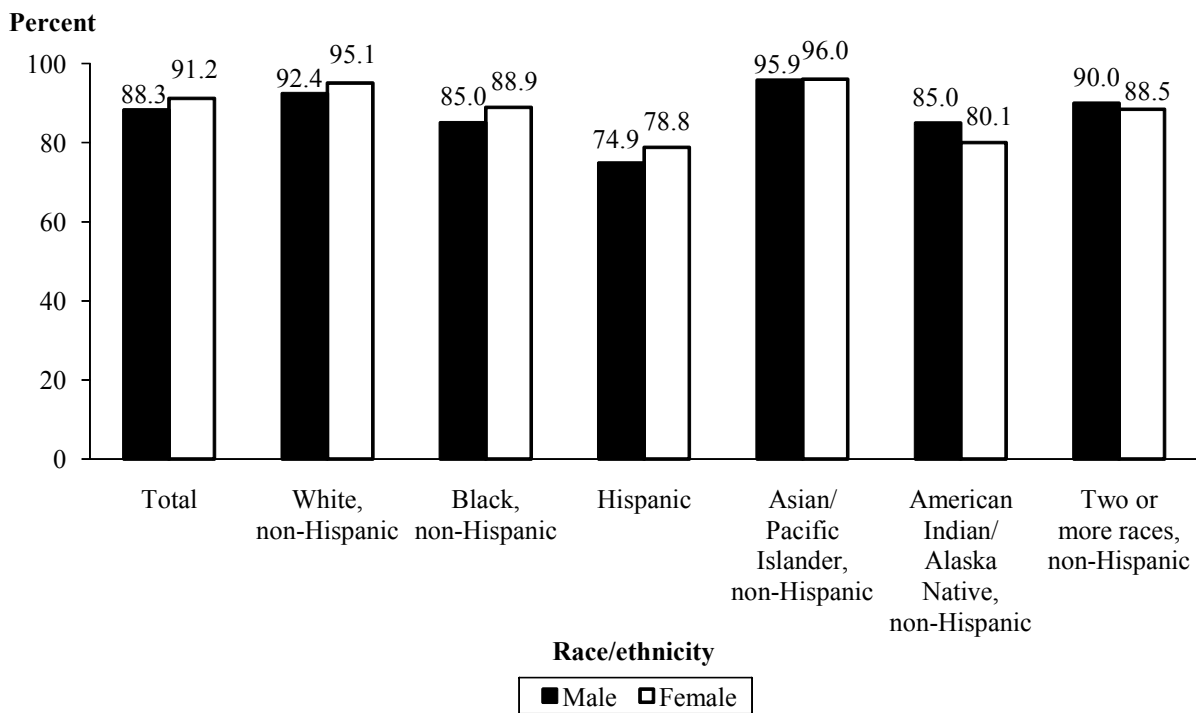
SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Figure 4. Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by race/ethnicity: October 1972 through October 2009**



NOTE: Status completion rates measure the percentage of 18- through 24-year-olds who are not enrolled in high school and who also hold a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Those still enrolled in high school are excluded from the analysis. Beginning in 2003, respondents were able to identify themselves as being two or more races. The 2003 through 2009 categories for White, non-Hispanic; and Black, non-Hispanic contain only respondents who indicated just one race. The Hispanic category includes Hispanics of all races and racial combinations. Due to small sample sizes for some or all of the years shown in the figure, Asians/Pacific Islanders and American Indians/Alaska Natives who are not Hispanic are included in the totals but not shown separately. The “two or more races, non-Hispanic” category is also included in the total in 2003 through 2009 but not shown separately due to small sample sizes. The variability of Hispanic status rates reflects, in part, small sample size of Hispanics in earlier years of the Current Population Survey (CPS). Beginning with 1987, estimates reflect new editing procedures for cases missing school enrollment item data. Estimates beginning with 1992 reflect new wording of the educational attainment item. Estimates beginning with 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the CPS over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC. SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

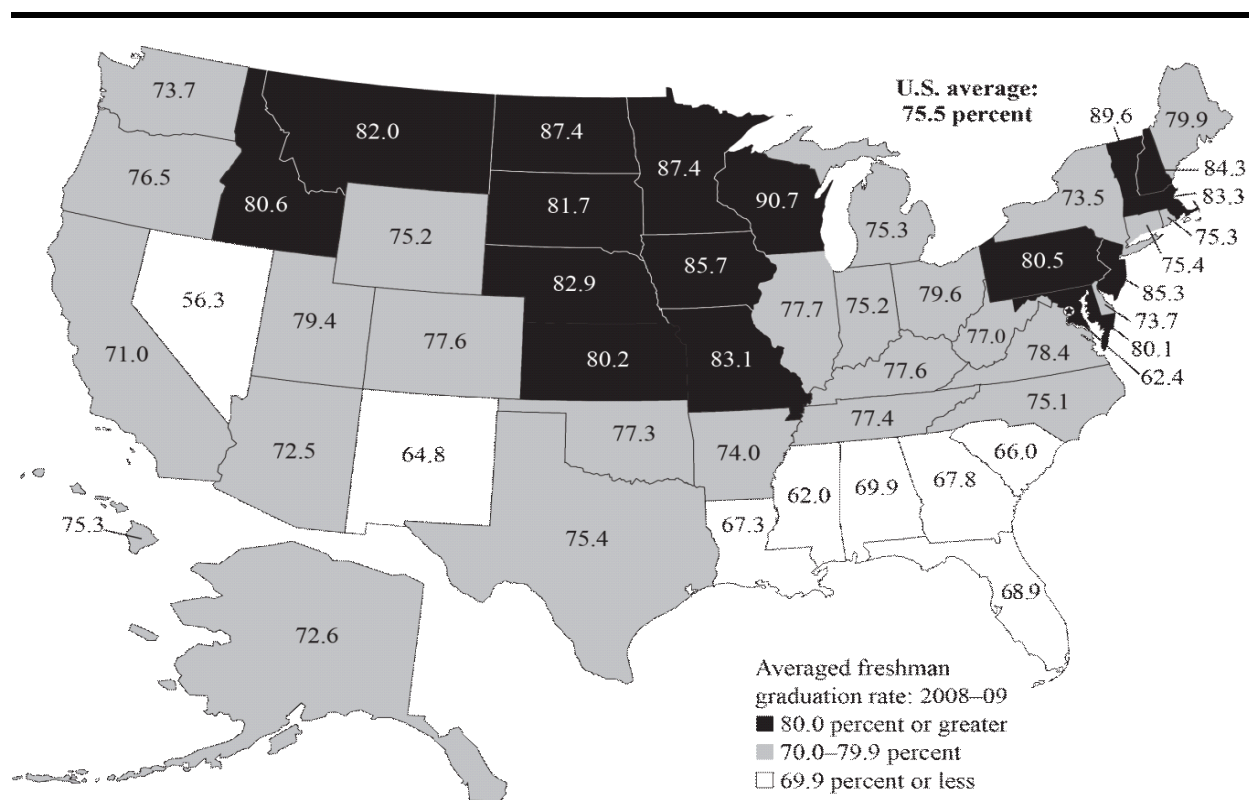
**Figure 5. Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by race/ethnicity and sex: October 2009**



NOTE: Status completion rates measure the percentage of 18- through 24-year-olds who are not enrolled in high school and who also hold a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Those still enrolled in high school are excluded from the analysis. Respondents were able to identify themselves as being two or more races. The White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander, non-Hispanic; and American Indian/Alaska Native, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. Non-Hispanics who identified themselves as multiracial are included in the “two or more races, non-Hispanic” category. The Hispanic category consists of Hispanics of all races and racial combinations.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Figure 6. Averaged freshman graduation rates of public high school students, by state: School year 2008–09**



NOTE: The averaged freshman graduation rate (AFGR) is an estimate of the percentage of an entering freshman class graduating in 4 years. For 2008–09, it equals the total number of diploma recipients in 2008–09 divided by the average membership of the 8th-grade class in 2004–05, the 9th-grade class in 2005–06, and the 10th-grade class in 2006–07. See table 13 in this report for more information about these state rates.

SOURCE: Stillwell, R., Sable, J., and Plotts, C. (2011). *Public School Graduates and Dropouts From the Common Core of Data: School Year 2008–09* (NCES 2011-312), table 5.

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## Tables

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**Table 1. Event dropout rates and number and distribution of 15- through 24-year-olds who dropped out of grades 10–12, by selected characteristics: October 2009**

Characteristic	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled <sup>1</sup> (thousands)	Percent of all dropouts	Percent of population enrolled
<b>Total</b>	<b>3.4</b>	<b>373</b>	<b>10,920</b>	<b>100.0</b>	<b>100.0</b>
Sex					
Male	3.5	189	5,432	50.6	49.7
Female	3.4	184	5,488	49.4	50.3
Race/ethnicity <sup>2</sup>					
White, non-Hispanic	2.4	160	6,586	42.8	60.3
Black, non-Hispanic	4.8	77	1,591	20.6	14.6
Hispanic	5.8	114	1,961	30.5	18.0
Asian/Pacific Islander, non-Hispanic	‡	‡	425	‡	3.9
Family income <sup>3</sup>					
Low income	7.4	113	1,527	30.2	14.0
Middle income	3.4	218	6,460	58.4	59.2
High income	1.4	42	2,933	11.4	26.9
Age <sup>4</sup>					
15–16	2.8	85	3,058	22.8	28.0
17	2.5	92	3,759	24.8	34.4
18	3.2	97	2,995	26.0	27.4
19	4.9	39	798	10.4	7.3
20–24	19.1	59	311	15.9	2.8
Recency of immigration					
Born outside the 50 states and District of Columbia					
Hispanic	6.4 !	24 !	376	6.5 !	3.4
Non-Hispanic	5.1 !	21 !	414	5.7 !	3.8
First generation <sup>5</sup>					
Hispanic	6.4	62	968	16.6	8.9
Non-Hispanic	1.8 !	13 !	718	3.5 !	6.6
Second generation or higher <sup>5</sup>					
Hispanic	4.5 !	28 !	617	7.4 !	5.6
Non-Hispanic	2.9	225	7,827	60.3	71.7
Disability					
With a disability <sup>6</sup>	2.8 !	‡	357	2.6 !	3.3
Without a disability	3.4	363 !	10,564	97.4	96.7

See notes at end of table.



**Table 1. Event dropout rates and number and distribution of 15- through 24-year-olds who dropped out of grades 10–12, by selected characteristics: October 2009—Continued**

Characteristic	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled <sup>1</sup> (thousands)	Percent of all dropouts	Percent of population enrolled
Geographic region					
Northeast	3.1	62	2,007	16.6	18.4
Midwest	3.1	79	2,557	21.1	23.4
South	3.3	126	3,837	33.9	35.1
West	4.2	106	2,519	28.4	23.1

<sup>1</sup> Interpret data with caution. The coefficient of variation (CV) for this estimate is 30 percent or greater.

<sup>‡</sup> Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup> This is an estimate of the population of 15- through 24-year-olds enrolled during the previous year in high school based on the number of students still enrolled in the current year and the number of students who either graduated or dropped out the previous year.

<sup>2</sup> Respondents were able to identify themselves as being two or more races. The White, non-Hispanic; Black, non-Hispanic; and Asian/Pacific Islander, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. The Hispanic category consists of Hispanics of all races and racial combinations. Due to small sample size, American Indians/Alaska Natives and those who identified themselves as being two or more races, but not Hispanic are included in the total but are not shown separately.

<sup>3</sup> Low income is defined as the bottom 20 percent of all family incomes for the year; middle income is between 20 and 80 percent of all family incomes; and high income is the top 20 percent of all family incomes. In 2009, low income was defined as \$17,997 or less, and high income was defined as \$86,820 or more. Cold deck imputation was used for families with missing income data (18.4 percent of the weighted sample).

<sup>4</sup> Age when a person dropped out may be 1 year younger, because the dropout event could occur at any time over a 12-month period.

<sup>5</sup> Individuals defined as “first generation” were born in the 50 states or the District of Columbia, but one or both of their parents were born outside the 50 states or the District of Columbia. Individuals defined as “second generation or higher” were born in the 50 states or the District of Columbia, as were both of their parents.

<sup>6</sup> Individuals identified as having a disability reported at least one of the following: difficulty hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

NOTE: The event dropout rate indicates the percentage of youth ages 15 through 24 who dropped out of grades 10–12 between one October and the next (e.g., October 2008 to October 2009). Dropping out is defined as leaving school without a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table 2. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, and number of dropouts and population of 15- through 24-year-olds who were enrolled: October 1972 through October 2009**

Year <sup>2</sup>	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled <sup>1</sup> (thousands)
1972	6.1	647	10,550
1973	6.3	674	10,736
1974	6.7	735	10,894
1975	5.8	631	10,875
1976	5.9	641	10,844
1977	6.5	729	11,178
1978	6.7	739	11,012
1979	6.7	745	11,044
1980	6.1	655	10,758
1981	5.9	636	10,746
1982	5.5	573	10,435
1983	5.2	531	10,146
1984	5.1	504	9,828
1985	5.2	502	9,597
1986	4.7	462	9,828
1987	4.1	405	9,819
1988	4.8	460	9,613
1989	4.5	403	9,001
1990	4.0	347	8,675
1991	4.0	348	8,700
1992	4.4	383	8,716
1993	4.5	381	8,549
1994	5.3	497	9,374
1995	5.7	544	9,509
1996	5.0	485	9,612
1997	4.6	454	9,984
1998	4.8	479	10,079
1999	5.0	519	10,464
2000	4.8	488	10,126
2001	5.0	505	10,187
2002	3.6	367	10,254
2003	4.0	429	10,698
2004	4.7	486	10,385
2005	3.8	414	10,870
2006	3.8	407	10,849

See notes at end of table.

**Table 2. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, and number of dropouts and population of 15- through 24-year-olds who were enrolled: October 1972 through October 2009—Continued**

Year <sup>2</sup>	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled <sup>1</sup> (thousands)
2007	3.5	383	10,967
2008	3.5	390	11,058
2009	3.4	373	10,920

<sup>1</sup> This is an estimate of the population of 15- through 24-year-olds enrolled during the previous year in high school based on the number of students still enrolled in the current year and the number of students who either graduated or dropped out the previous year.

<sup>2</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

NOTE: The event dropout rate indicates the percentage of youth ages 15 through 24 who dropped out of grades 10–12 between one October and the next (e.g., October 2008 to October 2009). Dropping out is defined as leaving school without a high school diploma or alternative credential, such as a General Educational Development (GED) certificate.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 3. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by sex and race/ethnicity: October 1972 through October 2009**

Year <sup>2</sup>	Total (percent)	Sex (percent)		Race/ethnicity (percent) <sup>1</sup>		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
1972	6.1	5.9	6.3	5.3	9.5	11.2
1973	6.3	6.8	5.7	5.5	9.9	10.0
1974	6.7	7.4	6.0	5.8	11.6	9.9
1975	5.8	5.4	6.1	5.0	8.7	10.9
1976	5.9	6.6	5.2	5.6	7.4	7.3
1977	6.5	6.9	6.1	6.1	8.6	7.8
1978	6.7	7.5	5.9	5.8	10.2	12.3
1979	6.7	6.8	6.7	6.0	9.9	9.8
1980	6.1	6.7	5.5	5.2	8.2	11.7
1981	5.9	6.0	5.8	4.8	9.7	10.7
1982	5.5	5.8	5.1	4.7	7.8	9.2
1983	5.2	5.8	4.7	4.4	7.0	10.1
1984	5.1	5.4	4.8	4.4	5.7	11.1
1985	5.2	5.4	5.0	4.3	7.8	9.8
1986	4.7	4.7	4.7	3.7	5.4	11.9
1987	4.1	4.3	3.8	3.5	6.4	5.4!
1988	4.8	5.1	4.4	4.2	5.9	10.4
1989	4.5	4.5	4.5	3.5	7.8	7.8!
1990	4.0	4.0	3.9	3.3	5.0	7.9
1991	4.0	3.8	4.2	3.2	6.0	7.3
1992	4.4	3.9	4.9	3.7	5.0	8.2
1993	4.5	4.6	4.3	3.9	5.8	6.7!
1994	5.3	5.2	5.4	4.2	6.6	10.0
1995	5.7	6.2	5.3	4.5	6.4	12.4
1996	5.0	5.0	5.1	4.1	6.7	9.0
1997	4.6	5.0	4.1	3.6	5.0	9.5
1998	4.8	4.6	4.9	3.9	5.2	9.4
1999	5.0	4.6	5.4	4.0	6.5	7.8
2000	4.8	5.5	4.1	4.1	6.1	7.4
2001	5.0	5.6	4.3	4.1	6.3	8.8
2002	3.6	3.7	3.4	2.6	4.9	5.8
2003	4.0	4.2	3.8	3.2	4.8	7.1
2004	4.7	5.1	4.3	3.7	5.7	8.9
2005	3.8	4.2	3.4	2.8	7.3	5.0
2006	3.8	4.1	3.4	2.9	3.8	7.0

See notes at end of table.

**Table 3. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by sex and race/ethnicity: October 1972 through October 2009—Continued**

Year <sup>2</sup>	Total (percent)	Sex (percent)		Race/ethnicity (percent) <sup>1</sup>		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
2007	3.5	3.7	3.3	2.2	4.5	6.0
2008	3.5	3.1	4.0	2.3	6.4	5.3
2009	3.4	3.5	3.4	2.4	4.8	5.8

! Interpret data with caution. The coefficient of variation (CV) for this estimate is 30 percent or greater.

<sup>1</sup> Beginning in 2003, respondents were able to identify themselves as being “more than one race.” The 2003 through 2009 White, non-Hispanic; and Black, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. The Hispanic category includes Hispanics of all races and racial combinations. Due to small sample sizes for some or all of the years shown in the table, Asians/Pacific Islanders, non-Hispanic and American Indians/Alaska Natives, non-Hispanic are included in the totals but not shown separately. The “more than one race” category is also included in the total in 2003 through 2009 but not shown separately due to small sample size.

<sup>2</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

NOTE: The event dropout rate indicates the percentage of youth ages 15 through 24 who dropped out of grades 10–12 between one October and the next (e.g., October 2008 to October 2009). Dropping out is defined as leaving school without a high school diploma or alternative credential, such as a General Educational Development (GED) certificate.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 4. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by family income: October 1972 through October 2009**

Year <sup>2</sup>	Total (percent)	Family income (percent) <sup>1</sup>		
		Low income	Middle income	High income
1972	6.1	14.1	6.7	2.5
1973	6.3	17.3	7.0	1.8
1974	6.7	—	—	—
1975	5.8	15.7	6.0	2.6
1976	5.9	15.4	6.8	2.1
1977	6.5	15.5	7.6	2.2
1978	6.7	17.4	7.3	3.0
1979	6.7	17.1	6.9	3.6
1980	6.1	15.8	6.4	2.5
1981	5.9	14.4	6.2	2.8
1982	5.5	15.2	5.6	1.8
1983	5.2	10.4	6.0	2.2
1984	5.1	13.9	5.1	1.8
1985	5.2	14.2	5.2	2.1
1986	4.7	10.9	5.1	1.6
1987	4.1	10.3	4.7	1.0
1988	4.8	13.7	4.7	1.3
1989	4.5	10.0	5.0	1.1
1990	4.0	9.5	4.3	1.1
1991	4.0	10.6	4.0	1.0 !
1992	4.4	10.9	4.4	1.3
1993	4.5	12.3	4.3	1.3
1994	5.3	13.0	5.2	2.1
1995	5.7	13.3	5.7	2.0
1996	5.0	11.1	5.1	2.1
1997	4.6	12.3	4.1	1.8
1998	4.8	12.7	3.8	2.7
1999	5.0	11.0	5.0	2.1
2000	4.8	10.0	5.2	1.6
2001	5.0	10.7	5.4	1.7
2002	3.6	7.7	3.6	1.7
2003	4.0	7.5	4.6	1.4
2004	4.7	10.4	4.6	2.5
2005	3.8	8.9	3.8	1.5
2006	3.8	9.0	3.5	2.0

See notes at end of table.

**Table 4. Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by family income: October 1972 through October 2009—Continued**

Year <sup>2</sup>	Total (percent)	Family income (percent) <sup>1</sup>		
		Low income	Middle income	High income
2007	3.5	8.8	3.5	0.9
2008	3.5	8.7	3.0	2.0
2009	3.4	7.4	3.4	1.4

— Not available.

! Interpret data with caution. The coefficient of variation (CV) for this estimate is 30 percent or greater.

<sup>1</sup> Low income is defined as the bottom 20 percent of all family incomes for the year; middle income is between 20 and 80 percent of all family incomes; and high income is the top 20 percent of all family incomes. In 2009, low income was defined as \$17,997 or less, and high income was defined as \$86,820 or more. Cold deck imputation was used for families with missing income data (18.4 percent of the weighted sample).

<sup>2</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

NOTE: The event dropout rate indicates the percentage of youth ages 15 through 24 who dropped out of grades 10–12 between one October and the next (e.g., October 2008 to October 2009). Dropping out is defined as leaving school without a high school diploma or alternative credential, such as a General Educational Development (GED) certificate.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 5. Event dropout rates for public school students in grades 9–12, by state: School years 1993–94 through 2008–09**

State	Event dropout rate (percent)																
	1993 –94	1994 –95	1995 –96	1996 –97	1997 –98	1998 –99	1999 –2000	2000 –01	2001 –02	2002 –03	2003 –04	2004 –05	2005 –06	2006 –07	2007 –08	2008 –09	
<b>Reporting states<sup>1</sup></b>	—	—	—	—	—	—	—	—	—	<b>3.9</b>	<b>4.1</b>	<b>3.9</b>	<b>3.9</b>	<b>4.4</b>	<b>4.1</b>	<b>4.1</b>	
Alabama <sup>2</sup>	5.8	6.2	5.6	5.3	4.8	4.4	4.5	4.1	3.7	3.5	3.3	2.8	2.5	2.3	2.2	1.5	
Alaska <sup>3</sup>	—	—	5.6	4.9	4.6	5.3	5.5	8.2	8.1	7.6	7.0	8.2	8.0	7.3	7.3	7.0	
Arizona <sup>2</sup>	13.7	9.6	10.2	10.0	9.4	8.4	—	10.9	10.5	8.5	6.7	6.2	7.6	7.6	6.7	8.3	
Arkansas	5.3	4.9	4.1	5.0	5.4	6.0	5.7	5.3	5.3	4.6	4.7	4.3	3.1	4.6	4.7	4.1	
California <sup>4</sup>	—	—	—	—	—	—	—	—	—	3.2	3.3	3.1	3.7	5.5	5.0	5.0	
Colorado	—	—	—	—	—	—	—	—	—	3.5	5.4	7.8	7.8	6.9	6.4	6.1	
Connecticut	4.8	4.9	4.8	3.9	3.5	3.3	3.1	3.0	2.6	2.1	‡	‡	2.0	2.1	2.8	3.1	
Delaware	4.6	4.6	4.5	4.5	4.7	4.1	4.1	4.2	6.2	5.5	6.1	5.3	5.5	5.5	6.0	5.1	
District of Columbia	9.5	10.6	—	—	12.8	8.2	7.2	—	—	—	—	—	‡	7.1	5.5	7.0	
Florida <sup>2</sup>	—	—	—	—	—	—	—	4.4	3.7	3.4	3.4	3.5	4.1	3.8	3.3	2.6	
Georgia	8.7	9.0	8.5	8.2	7.3	7.4	7.2	7.2	6.5	5.8	5.4	5.6	5.2	4.6	4.3	4.2	
Hawaii <sup>3</sup>	—	—	—	—	5.2	5.3	5.3	5.7	5.1	4.7	4.8	4.7	4.7	5.4	5.4	4.9	
Idaho <sup>3</sup>	8.5	9.2	8.0	7.2	6.7	6.9	—	5.6	3.9	3.9	3.1	3.0	2.7	2.6	2.0	1.6	
Illinois <sup>2</sup>	6.8	6.6	6.4	6.6	6.9	6.5	6.2	6.0	6.4	5.7	5.3	4.5	4.0	4.0	5.2	11.5	
Indiana	—	—	—	—	—	—	—	—	2.3	2.2	2.5	2.5	2.9	2.7	1.7	1.7	
Iowa	3.2	3.5	3.1	2.9	2.9	2.5	2.5	2.7	2.4	1.9	‡	2.2	2.2	2.3	2.9	3.1	
Kansas	—	—	—	—	—	—	—	3.2	3.1	2.4	2.2	2.1	2.4	2.7	2.5	2.1	
Kentucky	—	—	—	—	5.2	4.9	5.0	4.6	4.0	3.3	3.3	3.5	3.3	3.0	2.8	2.9	
Louisiana <sup>5</sup>	4.7	3.5	11.6	11.6	11.4	10.0	9.2	8.3	7.0	7.5	7.9	7.5	8.4	7.4	7.5	6.8	
Maine	3.1	3.4	3.1	3.2	3.2	3.3	3.3	3.1	2.8	2.8	2.7	2.8	5.4	5.3	4.4	3.6	
Maryland <sup>2</sup>	5.2	5.2	4.8	4.9	4.3	4.4	4.1	4.1	3.9	3.6	4.1	3.9	3.9	3.8	3.6	3.0	
Massachusetts	3.7	3.6	3.4	3.4	3.2	3.6	3.5	3.4	—	3.3	3.7	3.8	3.4	3.8	3.4	2.9	
Michigan	—	—	—	—	—	—	—	—	—	4.5	4.6	3.9	3.5	7.4	6.2	3.8	
Minnesota	5.1	5.2	5.2	5.5	4.9	4.5	4.3	4.0	3.8	3.8	‡	‡	3.1	3.0	2.8	1.9	
Mississippi	6.1	6.4	6.2	6.0	5.8	5.0	4.9	4.6	3.9	3.7	2.9	2.8	3.0	4.3	4.6	4.2	
Missouri	7.0	7.0	6.5	5.8	5.2	4.8	4.4	4.2	3.6	3.3	3.3	3.7	4.1	3.7	4.9	4.3	
Montana	—	—	5.6	5.1	4.4	4.5	4.2	4.2	3.9	3.6	3.4	3.4	3.7	3.7	5.2	5.0	
Nebraska	4.6	4.5	4.5	4.3	4.4	4.2	4.0	4.0	4.2	3.1	2.8	2.7	2.8	2.8	2.5	2.4	
Nevada <sup>4</sup>	9.8	10.3	9.6	10.2	10.1	7.9	6.2	5.2	6.4	6.1	6.0	5.8	7.7	4.5	5.1	5.1	
New Hampshire	—	—	—	—	—	—	—	5.4	4.0	3.8	3.8	3.5	3.2	3.2	3.0	1.7	
New Jersey <sup>2</sup>	4.3	4.0	4.1	3.7	3.5	3.1	3.1	2.8	2.5	1.8	‡	‡	1.7	2.0	1.7	1.6	
New Mexico	8.1	8.5	8.3	7.5	7.1	6.7	6.0	5.3	5.2	4.7	5.2	4.2	5.5	6.1	5.2	4.9	
New York <sup>3</sup>	—	—	—	—	3.2	4.0	4.1	3.8	7.1	5.5	5.6	5.7	4.4	5.3	3.9	4.2	
North Carolina	—	—	—	—	—	—	—	6.3	5.7	5.2	5.2	5.2	‡	5.7	5.2	5.3	
North Dakota	2.7	2.5	2.5	2.7	2.8	2.4	2.7	2.2	2.0	2.2	2.0	1.9	2.1	2.3	2.4	2.5	

See notes at end of table.



**Table 5. Event dropout rates for public school students in grades 9–12, by state: School years 1993–94 through 2008–09—Continued**

State	Event dropout rate (percent)															
	1993 –94	1994 –95	1995 –96	1996 –97	1997 –98	1998 –99	1999 –2000	2000 –01	2001 –02	2002 –03	2003 –04	2004 –05	2005 –06	2006 –07	2007 –08	2008 –09
Ohio <sup>3</sup>	—	—	—	—	—	—	—	—	3.1	3.0	3.3	3.5	4.1	4.5	4.3	4.2
Oklahoma <sup>3</sup>	4.6	5.8	5.7	5.9	5.8	5.2	5.4	5.2	4.4	4.0	3.9	3.5	3.6	3.5	3.1	2.5
Oregon	7.3	7.1	7.0	—	6.8	6.3	6.2	5.3	4.9	4.4	—	—	4.6	4.6	3.8	3.4
Pennsylvania	3.8	4.1	4.0	3.9	3.9	3.7	4.0	3.6	3.3	3.2	2.9	2.9	2.8	—	2.6	2.3
Rhode Island	4.9	4.6	4.6	4.7	4.9	4.5	4.8	5.0	4.3	4.0	3.4	4.1	4.1	5.8	5.3	4.4
South Carolina	—	—	—	—	—	—	—	3.3	3.3	3.2	3.4	3.3	—	3.9	3.9	3.4
South Dakota <sup>3</sup>	5.3	5.3	5.7	4.5	3.1	4.5	3.5	3.9	2.8	3.3	4.2	4.4	4.4	3.9	2.3	1.8
Tennessee <sup>2</sup>	4.8	5.0	4.9	5.1	5.0	4.6	4.2	4.3	3.8	3.2	3.3	2.7	2.8	3.1	3.9	3.2
Texas	—	—	—	—	—	—	5.0	4.2	3.8	3.6	3.6	3.6	4.3	4.0	4.0	3.2
Utah	3.1	3.5	4.4	4.5	5.2	4.7	4.1	3.7	3.7	3.9	3.8	3.7	3.3	3.1	4.2	3.3
Vermont <sup>2</sup>	4.8	4.7	5.3	5.0	5.2	4.6	4.7	4.7	4.0	3.5	2.8	2.6	‡	—	—	2.6
Virginia <sup>3</sup>	4.8	5.2	4.7	4.6	4.8	4.5	3.9	3.5	2.9	3.0	2.8	2.5	2.7	2.6	2.7	2.5
Washington	—	—	—	—	—	—	—	—	7.1	6.2	6.5	4.5	5.6	5.1	5.7	4.7
West Virginia	3.8	4.2	3.8	4.1	4.1	4.9	4.2	4.2	3.7	3.7	4.3	4.1	3.9	4.0	4.4	4.1
Wisconsin <sup>3</sup>	3.1	2.7	2.4	2.7	2.8	1.8	2.6	2.3	1.9	2.0	‡	2.4	2.2	2.2	2.3	2.3
Wyoming <sup>3</sup>	6.5	6.7	5.7	6.2	6.4	5.1	5.7	6.4	5.8	4.5	4.6	4.8	5.7	5.1	5.0	1.1

— Not available. These states do not report dropouts that are consistent with the NCES definition.

‡ Reporting standards not met. Dropout data were missing for more than 20 percent of grade total membership.

<sup>1</sup> Average event dropout rate for all reporting states. Prior to 2002–03, too few states reported to calculate a reporting states total.

<sup>2</sup> These states used an alternative calendar for each year shown, reporting students who drop out between one July and the next. The rates from both calendar approaches are comparable (see Winglee et al. 2000).

<sup>3</sup> The following states reported data using the alternative calendar of one July to the next in the years indicated: Alaska (1995–96 and 1999–2000 through 2001–02); Hawaii (2000–01); Idaho (1993–94 through 1998–99); New York (1998–99 and 2000–01 through 2003–04); Ohio (1993–94); Oklahoma (1993–94 through 2000–01); South Dakota (1993–94 through 1998–99); Virginia (1993–94 through 1999–2000); Wisconsin (1993–94 through 1996–97 and 1998–99); and Wyoming (1993–94).

<sup>4</sup> Data for 2008–09 for California and Nevada were imputed, due to item non-response, based on the prior year reported data.

<sup>5</sup> Effective in the 1995–96 school year, Louisiana changed its dropout data collection from school-level aggregate counts reported to districts to an individual student-record system. The apparent increase in the dropout rate is partly due to the resulting increased ability to track students.

NOTE: These event dropout rates measure the percentage of public school students in grades 9–12 who dropped out of school between one October and the next (e.g., October 2008 to October 2009). Data are reported by states to the U.S. Department of Education, National Center for Education Statistics. The Common Core of Data (CCD) includes public school students only. Some estimates differ from those in previously published reports because of updates to the estimates.

SOURCE: U.S. Department of Education, National Center for Education Statistics. (n.d.) *Documentation to the NCES Common Core of Data Local Education Agency Universe Dropout and Completion Data File: School Years 1991–92 Through 1996–97*, tables 2a, 2b, 2c, and 2d; Sable, J., and Naum, J. (2004a). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 1997–98* (NCES 2001-302R), table E-1; Sable, J., and Naum, J. (2004b). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 1998–99* (NCES 2002-310R), table E-3; Sable, J., and Naum, J. (2004c). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 1999–2000* (NCES 2002-384R), table E-3; Sable, J., and Naum, J. (2004d). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 2000–01* (NCES 2002-315R), table E-3; Sable, J., Naum, J., and Thomas, J.M. (2004). *Documentation to the NCES Common Core of Data Local Education Agency Universe Survey Dropout and Completion Data File: School Year 2001–02* (NCES 2005-349), table E-2; Stillwell, R., Sable, J., and Plotts, C. (2011). *Public School Graduates and Dropouts From the Common Core of Data: School Year 2008–09* (NCES 2011-312), table 7.

**Table 6. Status dropout rates and number and distribution of dropouts of 16- through 24-year-olds, by selected characteristics: October 2009**

Characteristic	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)	Percent of all dropouts	Percent of population
<b>Total</b>	<b>8.1</b>	<b>3,030</b>	<b>37,616</b>	<b>100.0</b>	<b>100.0</b>
Sex					
Male	9.1	1,731	18,949	57.1	50.4
Female	7.0	1,299	18,667	42.9	49.6
Race/ethnicity <sup>1</sup>					
White, non-Hispanic	5.2	1,188	22,809	39.2	60.6
Black, non-Hispanic	9.3	508	5,445	16.8	14.5
Hispanic	17.6	1,199	6,809	39.6	18.1
Asian/Pacific Islander, non-Hispanic	3.4	52	1,553	1.7	4.1
American Indian/Alaska Native, non-Hispanic	13.2	34	257	‡	‡
Two or more races, non-Hispanic	6.5	49	743	‡	‡
Age					
16	2.7	113	4,182	3.7	11.1
17	4.4	184	4,211	6.1	11.2
18	7.8	337	4,340	11.1	11.5
19	9.3	399	4,274	13.2	11.4
20–24	9.7	1,997	20,608	65.9	54.8
Recency of immigration					
Born outside the 50 states and District of Columbia					
Hispanic	31.3	685	2,189	22.6	5.8
Non-Hispanic	6.2	118	1,903	3.9	5.1
First generation <sup>2</sup>					
Hispanic	11.8	313	2,656	10.3	7.1
Non-Hispanic	3.9	94	2,421	3.1	6.4
Second generation or higher <sup>2</sup>					
Hispanic	10.2	200	1,964	6.6	5.2
Non-Hispanic	6.1	1,619	26,482	53.4	70.4
Disability					
With a disability <sup>3</sup>	15.5	211	1,355	7.0	3.6
Without a disability	7.8	2,819	36,261	93.0	96.4

See notes at end of table.

**Table 6. Status dropout rates and number and distribution of dropouts of 16- through 24-year-olds, by selected characteristics: October 2009—Continued**

Characteristic	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)	Percent of all dropouts	Percent of population
<b>Geographic region</b>					
Northeast	7.1	477	6,679	15.7	17.8
Midwest	7.6	633	8,353	20.9	22.2
South	8.4	1,142	13,565	37.7	36.1
West	8.6	778	9,019	25.7	24.0

‡ Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup> Respondents were able to identify themselves as being two or more races. The White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander, non-Hispanic; and American Indian/Alaska Native, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. Non-Hispanics who identified themselves as multiracial are included in the “two or more races, non-Hispanic” category. The Hispanic category consists of Hispanics of all races and racial combinations.

<sup>2</sup> Individuals defined as “first generation” were born in the 50 states or the District of Columbia, but one or both of their parents were born outside the 50 states or the District of Columbia. Individuals defined as “second generation or higher” were born in the 50 states or the District of Columbia, as were both of their parents.

<sup>3</sup> Individuals identified as having a disability reported at least one of the following: difficulty hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

NOTE: The status dropout rate indicates the percentage of 16- through 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a General Educational Development (GED) certificate. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table 7. Status dropout rates, number of status dropouts, and population of 16- through 24-year-olds: October 1972 through October 2009**

Year <sup>1</sup>	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)
1972	14.6	4,769	32,643
1973	14.1	4,717	33,430
1974	14.3	4,847	33,968
1975	13.9	4,823	34,700
1976	14.1	4,980	35,222
1977	14.1	5,031	35,658
1978	14.2	5,113	35,931
1979	14.6	5,264	36,131
1980	14.1	5,085	36,143
1981	13.9	5,143	36,945
1982	13.9	5,056	36,452
1983	13.7	4,905	35,884
1984	13.1	4,626	35,204
1985	12.6	4,325	34,382
1986	12.2	4,141	33,945
1987	12.7	4,252	33,452
1988	12.9	4,230	32,893
1989	12.6	4,038	32,007
1990	12.1	3,797	31,443
1991	12.5	3,881	31,171
1992	11.0	3,410	30,944
1993	11.0	3,396	30,845
1994	11.5	3,727	32,560
1995	12.0	3,876	32,379
1996	11.1	3,611	32,452
1997	11.0	3,624	32,960
1998	11.8	3,942	33,445
1999	11.2	3,829	34,173
2000	10.9	3,776	34,568
2001	10.7	3,774	35,195
2002	10.5	3,721	35,495
2003	9.9	3,552	36,017
2004	10.3	3,766	36,504
2005	9.4	3,458	36,761
2006	9.3	3,462	37,047

See notes at end of table.

**Table 7. Status dropout rates, number of status dropouts, and population of 16- through 24-year-olds: October 1972 through October 2009—Continued**

Year <sup>1</sup>	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)
2007	8.7	3,278	37,480
2008	8.0	3,010	37,569
2009	8.1	3,030	37,616

<sup>1</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

NOTE: The status dropout rate indicates the percentage of 16- through 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a General Educational Development (GED) certificate.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 8. Status dropout rates of 16- through 24-year-olds, by sex and race/ethnicity: October 1972 through October 2009**

Year <sup>2</sup>	Total (percent)	Sex (percent)		Race/ethnicity (percent) <sup>1</sup>		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
1972	14.6	14.1	15.1	12.3	21.3	34.3
1973	14.1	13.7	14.5	11.6	22.2	33.5
1974	14.3	14.2	14.4	11.9	21.2	33.0
1975	13.9	13.3	14.5	11.4	22.9	29.2
1976	14.1	14.1	14.2	12.0	20.5	31.4
1977	14.1	14.5	13.8	11.9	19.8	33.0
1978	14.2	14.6	13.9	11.9	20.2	33.3
1979	14.6	15.0	14.2	12.0	21.1	33.8
1980	14.1	15.1	13.1	11.4	19.1	35.2
1981	13.9	15.1	12.8	11.4	18.4	33.2
1982	13.9	14.5	13.3	11.4	18.4	31.7
1983	13.7	14.9	12.5	11.2	18.0	31.6
1984	13.1	14.0	12.3	11.0	15.5	29.8
1985	12.6	13.4	11.8	10.4	15.2	27.6
1986	12.2	13.1	11.4	9.7	14.2	30.1
1987	12.7	13.3	12.2	10.4	14.1	28.6
1988	12.9	13.5	12.2	9.6	14.5	35.8
1989	12.6	13.6	11.7	9.4	13.9	33.0
1990	12.1	12.3	11.8	9.0	13.2	32.4
1991	12.5	13.0	11.9	8.9	13.6	35.3
1992	11.0	11.3	10.7	7.7	13.7	29.4
1993	11.0	11.2	10.9	7.9	13.6	27.5
1994	11.5	12.3	10.6	7.7	12.6	30.0
1995	12.0	12.2	11.7	8.6	12.1	30.0
1996	11.1	11.4	10.9	7.3	13.0	29.4
1997	11.0	11.9	10.1	7.6	13.4	25.3
1998	11.8	13.3	10.3	7.7	13.8	29.5
1999	11.2	11.9	10.5	7.3	12.6	28.6
2000	10.9	12.0	9.9	6.9	13.1	27.8
2001	10.7	12.2	9.3	7.3	10.9	27.0
2002	10.5	11.8	9.2	6.5	11.3	25.7
2003	9.9	11.3	8.4	6.3	10.9	23.5
2004	10.3	11.6	9.0	6.8	11.8	23.8
2005	9.4	10.8	8.0	6.0	10.4	22.4
2006	9.3	10.3	8.3	5.8	10.7	22.1

See notes at end of table.

**Table 8. Status dropout rates of 16- through 24-year-olds, by sex and race/ethnicity: October 1972 through October 2009—Continued**

Year <sup>2</sup>	Total (percent)	Sex (percent)		Race/ethnicity (percent) <sup>1</sup>		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
2007	8.7	9.8	7.7	5.3	8.4	21.4
2008	8.0	8.5	7.5	4.8	9.9	18.3
2009	8.1	9.1	7.0	5.2	9.3	17.6

<sup>1</sup> Beginning in 2003, respondents were able to identify themselves as being “more than one race.” The 2003 through 2009 White, non-Hispanic; and Black, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. The Hispanic category includes Hispanics of all races and racial combinations. Due to small sample sizes for some or all of the years shown in the table, Asians/Pacific Islanders, non-Hispanic and American Indians/Alaska Natives, non-Hispanic are included in the totals but not shown separately. The “more than one race” category is also included in the total in 2003 through 2009 but not shown separately due to small sample size.

<sup>2</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

NOTE: The status dropout rate indicates the percentage of 16- through 24-year-olds who are not enrolled in high school and who lack a high school credential. High school credentials include high school diplomas and alternative credentials, such as a General Educational Development (GED) certificate.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 9. Status completion rates, and number and distribution of completers ages 18–24 not currently enrolled in high school or below, by selected characteristics: October 2009**

Characteristic	Completion rate (percent)	Number of completers (thousands)	Population (thousands)	Percent of all completers	Percent of population
<b>Total</b>	<b>89.8</b>	<b>24,579</b>	<b>27,380</b>	<b>100.0</b>	<b>100.0</b>
Sex					
Male	88.3	12,078	13,679	49.1	50.0
Female	91.2	12,501	13,701	50.9	50.0
Race/ethnicity <sup>1</sup>					
White, non-Hispanic	93.8	15,818	16,868	64.4	61.6
Black, non-Hispanic	87.1	3,317	3,808	13.5	13.9
Hispanic	76.8	3,731	4,859	15.2	17.7
Asian/Pacific Islander, non-Hispanic	95.9	1,136	1,184	4.6	4.3
American Indian/Alaska Native, non-Hispanic	82.4	144	175	‡	‡
Two or more races, non-Hispanic	89.2	434	486	‡	‡
Age					
18–19	89.0	6,200	6,969	25.2	25.5
20–21	89.8	7,114	7,919	28.9	28.9
22–24	90.2	11,265	12,492	45.8	45.6
Recency of immigration					
Born outside the 50 states and District of Columbia					
Hispanic	63.0	1,142	1,814	4.6	6.6
Non-Hispanic	92.5	1,395	1,508	5.7	5.5
First generation <sup>2</sup>					
Hispanic	83.7	1,422	1,700	5.8	6.2
Non-Hispanic	95.2	1,711	1,798	7.0	6.6
Second generation or higher <sup>2</sup>					
Hispanic	86.7	1,167	1,346	4.7	4.9
Non-Hispanic	92.3	17,743	19,216	72.2	70.2
Disability					
With a disability <sup>3</sup>	80.0	755	944	3.1	3.4
Without a disability	90.1	23,824	26,436	96.9	96.6

See notes at end of table.



**Table 9. Status completion rates, and number and distribution of completers ages 18–24 not currently enrolled in high school or below, by selected characteristics: October 2009—Continued**

Characteristic	Completion rate (percent)	Number of completers (thousands)	Population (thousands)	Percent of all completers	Percent of population
<b>Geographic region</b>					
Northeast	90.9	4,423	4,864	18.0	17.8
Midwest	90.3	5,406	5,988	22.0	21.9
South	89.3	8,749	9,793	35.6	35.8
West	89.1	6,002	6,735	24.4	24.6

‡ Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup> Respondents were able to identify themselves as being two or more races. The White, non-Hispanic; Black, non-Hispanic; Asian/Pacific Islander, non-Hispanic; and American Indian/Alaska Native, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify as Hispanic. Non-Hispanics who identified themselves as multiracial are included in the “two or more races, non-Hispanic” category. The Hispanic category consists of Hispanics of all races and racial combinations.

<sup>2</sup> Individuals defined as “first generation” were born in the 50 states or the District of Columbia, but one or both of their parents were born outside the 50 states or the District of Columbia. Individuals defined as “second generation or higher” were born in the 50 states or the District of Columbia, as were both of their parents.

<sup>3</sup> Individuals identified as having a disability reported at least one of the following: difficulty hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

NOTE: Status completion rates measure the percentage of 18- through 24-year-olds who are not enrolled in high school and who also hold a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Those still enrolled in high school are excluded from the analysis. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table 10. Status completion rates, number of completers, and population of 18- through 24-year-olds not currently enrolled in high school or below: October 1972 through October 2009**

Year <sup>1</sup>	Completion rate (percent)	Number of completers (thousands)	Population (thousands)
1972	82.8	19,623	23,688
1973	83.7	20,377	24,349
1974	83.6	20,724	24,794
1975	83.8	21,326	25,436
1976	83.5	21,677	25,953
1977	83.6	22,008	26,321
1978	83.6	22,308	26,697
1979	83.1	22,421	26,982
1980	83.9	22,746	27,122
1981	83.8	23,342	27,863
1982	83.8	23,290	27,790
1983	83.9	22,988	27,399
1984	84.7	22,871	27,014
1985	85.4	22,349	26,168
1986	85.5	21,766	25,453
1987	84.7	21,071	24,869
1988	84.5	20,838	24,650
1989	84.7	20,420	24,102
1990	85.6	20,269	23,689
1991	84.9	19,831	23,369
1992	86.4	19,874	23,004
1993	86.2	19,682	22,842
1994	85.8	20,538	23,946
1995	85.3	20,102	23,571
1996	86.2	20,074	23,277
1997	85.9	20,241	23,569
1998	84.8	20,451	24,113
1999	85.9	21,091	24,540
2000	86.5	21,743	25,138
2001	86.5	22,084	25,543
2002	86.6	22,249	25,697
2003	87.1	22,508	25,831
2004	86.8	22,991	26,476
2005	87.6	23,010	26,270
2006	87.8	23,331	26,568

See notes at end of table.

**Table 10. Status completion rates, number of completers, and population of 18- through 24-year-olds not currently enrolled in high school or below: October 1972 through October 2009—Continued**

Year <sup>1</sup>	Completion rate (percent)	Number of completers (thousands)	Population (thousands)
2007	89.0	24,100	27,086
2008	89.9	24,518	27,270
2009	89.8	24,579	27,380

<sup>1</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

NOTE: Status completion rates measure the percentage of 18- through 24-year-olds who are not enrolled in high school and who also hold a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Those still enrolled in high school are excluded from the analysis.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 11. Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by sex and race/ethnicity: October 1972 through October 2009**

Year <sup>2</sup>	Total (percent)	Sex (percent)		Race/ethnicity (percent) <sup>1</sup>		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
1972	82.8	83.0	82.7	86.0	72.1	56.2
1973	83.7	84.0	83.4	87.0	71.6	58.7
1974	83.6	83.4	83.8	86.7	73.0	60.1
1975	83.8	84.1	83.6	87.2	70.2	62.2
1976	83.5	83.0	84.0	86.4	73.5	60.3
1977	83.6	82.8	84.4	86.7	73.9	58.6
1978	83.6	82.8	84.2	86.9	73.4	58.8
1979	83.1	82.1	84.0	86.6	72.6	58.5
1980	83.9	82.3	85.3	87.5	75.2	57.1
1981	83.8	82.0	85.4	87.1	76.7	59.1
1982	83.8	82.7	84.9	87.0	76.4	60.9
1983	83.9	82.1	85.6	87.4	76.8	59.4
1984	84.7	83.3	85.9	87.5	80.3	63.7
1985	85.4	84.0	86.7	88.2	81.0	66.6
1986	85.5	84.2	86.7	88.8	81.8	63.5
1987	84.7	84.0	85.8	87.7	81.9	65.1
1988	84.5	83.2	85.8	88.7	80.9	58.2
1989	84.7	83.2	86.2	89.0	81.9	59.4
1990	85.6	85.1	86.0	89.6	83.2	59.1
1991	84.9	83.8	85.9	89.4	82.5	56.5
1992	86.4	85.3	87.4	90.7	82.0	62.1
1993	86.2	85.4	86.9	90.1	81.9	64.4
1994	85.8	84.5	87.0	90.7	83.3	61.8
1995	85.3	84.3	85.7	89.8	84.5	62.8
1996	86.2	85.7	86.8	91.5	83.0	61.9
1997	85.9	84.6	87.2	90.5	82.0	66.7
1998	84.8	82.6	87.0	90.2	81.4	62.8
1999	85.9	84.8	87.1	91.2	83.5	63.4
2000	86.5	84.9	88.1	91.8	83.7	64.1
2001	86.5	84.6	88.3	91.0	85.6	65.7
2002	86.6	84.8	88.4	91.8	84.7	67.3
2003	87.1	85.1	89.2	91.9	85.0	69.2
2004	86.8	84.9	88.8	91.7	83.4	69.8
2005	87.6	85.4	89.8	92.3	85.9	70.2
2006	87.8	86.5	89.1	92.6	84.8	70.8

See notes at end of table.

**Table 11. Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by sex and race/ethnicity: October 1972 through October 2009—Continued**

Year <sup>2</sup>	Total (percent)	Sex (percent)		Race/ethnicity (percent) <sup>1</sup>		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
2007	89.0	87.4	90.6	93.5	88.8	72.7
2008	89.9	89.3	90.5	94.2	86.9	75.5
2009	89.8	88.3	91.2	93.8	87.1	76.8

<sup>1</sup> Beginning in 2003, respondents were able to identify themselves as being “more than one race.” The 2003 through 2009 White, non-Hispanic; and Black, non-Hispanic categories consist of individuals who considered themselves to be one race and who did not identify themselves as Hispanic. The Hispanic category includes Hispanics of all races and racial combinations. Due to small sample sizes for some or all of the years shown in the table, Asians/Pacific Islanders, non-Hispanic and American Indians/Alaska Natives, non-Hispanic are included in the totals but not shown separately. The “more than one race” category is also included in the total in 2003 through 2009 but not shown separately due to small sample size.

<sup>2</sup> Estimates beginning in 1987 reflect new editing procedures for cases with missing data on school enrollment items. Estimates beginning in 1992 reflect new wording of the educational attainment item. Estimates beginning in 1994 reflect changes due to newly instituted computer-assisted interviewing. For details about changes in the Current Population Survey (CPS) over time, please see Kaufman, P., Alt, M.N., and Chapman, C. (2004). *Dropout Rates in the United States: 2001* (NCES 2005-046). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC. NOTE: Status completion rates measure the percentage of 18- through 24-year-olds who are not enrolled in high school and who also hold a high school diploma or alternative credential, such as a General Educational Development (GED) certificate. Those still enrolled in high school are excluded from the analysis.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table 12. Averaged freshman graduation rate of public high school students, by state: School year 2008–09**

State	Averaged freshman graduation rate (percent)	Regular diplomas, school year 2008–09	Estimated first-time 9th-graders, school year 2005–06 <sup>1</sup>	Grade 10 membership, school year 2006–07	Grade 9 membership, school year 2005–06	Grade 8 membership, school year 2004–05
<b>Reporting states<sup>2</sup></b>	<b>75.5</b>	<b>3,039,015</b>	<b>4,024,345</b>	<b>3,905,449</b>	<b>4,316,179</b>	<b>3,851,398</b>
Alabama	69.9	42,082	60,169	55,864	65,357	59,286
Alaska	72.6	8,008	11,034	10,839	11,405	10,857
Arizona	72.5	62,374	85,984	79,943	99,058	78,952
Arkansas	74.0	28,057	37,912	37,277	39,013	37,447
California <sup>3</sup>	71.0	372,310	524,273	518,412	551,379	503,027
Colorado	77.6	47,459	61,162	60,272	63,818	59,397
Connecticut	75.4	34,968	46,374	44,980	49,070	45,072
Delaware	73.7	7,839	10,634	9,770	11,638	10,494
District of Columbia	62.4	3,517	5,635	4,720	6,653	5,533
Florida	68.9	153,461	222,578	212,588	245,587	209,559
Georgia	67.8	88,003	129,797	121,715	145,243	122,432
Hawaii	75.3	11,508	15,292	14,254	17,184	14,439
Idaho	80.6	16,807	20,850	20,688	21,564	20,299
Illinois	77.7	131,670	169,361	166,115	179,742	162,227
Indiana	75.2	63,663	84,649	82,655	88,563	82,728
Iowa	85.7	33,926	39,571	39,556	41,059	38,097
Kansas	80.2	30,368	37,847	36,794	39,665	37,083
Kentucky	77.6	41,851	53,909	51,940	58,196	51,591
Louisiana	67.3	35,622	52,954	45,580	53,087	60,194
Maine <sup>2</sup>	79.9	14,093	16,166	15,559	16,088	16,850
Maryland	80.1	58,304	72,759	68,921	79,788	69,567
Massachusetts	83.3	65,258	78,386	75,465	82,861	76,831
Michigan	75.3	112,742	149,640	146,102	161,219	141,599
Minnesota	87.4	59,729	68,329	69,631	69,339	66,016
Mississippi	62.0	24,505	39,536	36,258	42,195	40,155
Missouri	83.1	62,969	75,801	73,311	80,473	73,619
Montana	82.0	10,077	12,291	12,024	12,803	12,045
Nebraska	82.9	19,501	23,522	23,346	24,953	22,267
Nevada <sup>3</sup>	56.3	19,904	35,336	33,973	39,518	32,516
New Hampshire	84.3	14,757	17,510	16,914	18,323	17,293
New Jersey	85.3	95,085	111,411	109,880	115,100	109,253
New Mexico	64.8	17,931	27,675	26,787	30,026	26,211
New York	73.5	180,917	245,982	243,848	267,615	226,482
North Carolina	75.1	86,712	115,487	108,148	128,333	109,979
North Dakota	87.4	7,232	8,270	8,199	8,484	8,127

See notes at end of table.

**Table 12. Averaged freshman graduation rate of public high school students, by state: School year 2008–09  
—Continued**

State	Averaged freshman graduation rate (percent)	Regular diplomas, school year 2008–09	Estimated first-time 9th-graders, school year 2005–06 <sup>1</sup>	Grade 10 membership, school year 2006–07	Grade 9 membership, school year 2005–06	Grade 8 membership, school year 2004–05
Ohio	79.6	122,203	153,528	147,424	165,999	147,161
Oklahoma	77.3	37,219	48,143	46,444	50,367	47,618
Oregon	76.5	35,138	45,944	46,594	46,351	44,886
Pennsylvania	80.5	130,658	162,243	169,979	165,003	151,746
Rhode Island	75.3	10,028	13,313	12,964	14,193	12,783
South Carolina	66.0	39,114	59,274	54,981	66,201	56,641
South Dakota	81.7	8,123	9,943	9,799	10,314	9,715
Tennessee	77.4	60,368	77,980	76,920	82,641	74,379
Texas	75.4	264,275	350,368	327,151	394,739	329,214
Utah	79.4	30,463	38,366	38,795	38,628	37,674
Vermont	89.6	7,209	8,048	7,944	8,337	7,864
Virginia	78.4	79,651	101,607	98,259	110,021	96,540
Washington	73.7	62,764	85,123	84,361	90,091	80,918
West Virginia	77.0	17,690	22,983	21,654	24,712	22,582
Wisconsin	90.7	65,410	72,089	72,425	76,674	67,168
Wyoming	75.2	5,493	7,307	7,427	7,509	6,985

<sup>1</sup> First-time 9th-graders were estimated as the average of student membership in grades 8, 9, and 10 in 3 consecutive years.

<sup>2</sup> In 2008–09, Maine reported 1,169 diplomas that were awarded to students attending private high schools that received a majority of their funding from public sources. These 1,169 diplomas were included in the Maine and the reporting states counts but were not included in the Averaged Freshman Graduation Rate (AFGR) calculations for the state and for the reporting states totals. The diploma counts used to calculate the AFGR for Maine and for the reporting states were 12,924 and 3,036,757, respectively.

<sup>3</sup> Data for 2008–09 for California and Nevada were imputed, due to item non-response, based on the prior year reported data.

NOTE: The averaged freshman graduation rate (AFGR) is an estimate of the percentage of an entering freshman class graduating in 4 years. For 2008–09, it equals the total number of diploma recipients in 2008–09 divided by the average membership of the 8th-grade class in 2004–05, the 9th-grade class in 2005–06, and the 10th-grade class in 2006–07. Ungraded students were allocated to individual grades proportionally to the reported enrollments by grade.

SOURCE: Stillwell, R., Sable, J., and Plotts, C. (2011). *Public School Graduates and Dropouts From the Common Core of Data: School Year 2008–09* (NCES 2011-312), table 1.

**Table 13. Averaged freshman graduation rates of public high school students and change in rates, by state: School years 2001–02 through 2008–09**

State	Averaged freshman graduation rate (percent)								Change in rates from 2007–08 to 2008–09
	2001 –02	2002 –03	2003 –04	2004 –05	2005 –06	2006 –07	2007 –08	2008 –09	
<b>Reporting states<sup>1</sup></b>	<b>72.6</b>	<b>73.9</b>	<b>75.0</b>	<b>74.7</b>	<b>73.2</b>	<b>73.9</b>	<b>74.9</b>	<b>75.5<sup>2</sup></b>	<b>0.6</b>
Alabama	62.1	64.7	65.0	65.9	66.2	67.1	69.0	69.9	0.9
Alaska	65.9	68.0	67.2	64.1	66.5	69.1	69.1	72.6	3.5
Arizona	74.7	75.9	66.8	84.7	70.5	69.6	70.7	72.5	1.8
Arkansas	74.8	76.6	76.8	75.7	80.4	74.4	76.4	74.0	-2.4
California	72.7	74.1	73.9	74.6	69.2	70.7	71.2	71.0 <sup>3</sup>	-0.2
Colorado	74.7	76.4	78.7	76.7	75.5	76.6	75.4	77.6	2.2
Connecticut	79.7	80.9	80.7	80.9	80.9	81.8	82.2	75.4	-6.8
Delaware	69.5	73.0	72.9	73.1	76.3	71.9	72.1	73.7	1.6
District of Columbia	68.4	59.6	68.2	68.8	‡	54.9	56.0	62.4	6.4
Florida	63.4	66.7	66.4	64.6	63.6	65.0	66.9	68.9	2.0
Georgia	61.1	60.8	61.2	61.7	62.4	64.1	65.4	67.8	2.4
Hawaii	72.1	71.3	72.6	75.1	75.5	75.4	76.0	75.3	-0.7
Idaho	79.3	81.4	81.5	81.0	80.5	80.4	80.1	80.6	0.5
Illinois	77.1	75.9	80.3	79.4	79.7	79.5	80.4	77.7	-2.7
Indiana	73.1	75.5	73.5	73.2	73.3	73.9	74.1	75.2	1.1
Iowa	84.1	85.3	85.8	86.6	86.9	86.5	86.4	85.7	-0.7
Kansas	77.1	76.9	77.9	79.2	77.6	78.9	79.1	80.2	1.1
Kentucky	69.8	71.7	73.0	75.9	77.2	76.4	74.4	77.6	3.2
Louisiana	64.4	64.1	69.4	63.9	59.5	61.3	63.5	67.3	3.8
Maine	75.6	76.3	77.6	78.6	76.3	78.5	79.1	79.9 <sup>2</sup>	0.8
Maryland	79.7	79.2	79.5	79.3	79.9	80.0	80.4	80.1	-0.3
Massachusetts	77.6	75.7	79.3	78.7	79.5	80.8	81.5	83.3	1.8
Michigan	72.9	74.0	72.5	73.0	72.2	77.0	76.3	75.3	-1.0
Minnesota	83.9	84.8	84.7	85.9	86.2	86.5	86.4	87.4	1.0
Mississippi	61.2	62.7	62.7	63.3	63.5	63.6	63.9	62.0	-1.9
Missouri	76.8	78.3	80.4	80.6	81.0	81.9	82.4	83.1	0.7
Montana	79.8	81.0	80.4	81.5	81.9	81.5	82.0	82.0	0.0
Nebraska	83.9	85.2	87.6	87.8	87.0	86.3	83.8	82.9	-0.9
Nevada	71.9	72.3	57.4	55.8	55.8	52.0	51.3	56.3 <sup>3</sup>	5.0
New Hampshire <sup>4</sup>	77.8	78.2	78.7	80.1	81.1	81.7	83.4	84.3	0.9
New Jersey	85.8	87.0	86.3	85.1	84.8	84.4	84.6	85.3	0.7
New Mexico	67.4	63.1	67.0	65.4	67.3	59.1	66.8	64.8	-2.0
New York	60.5	60.9	—	65.3	67.4	68.8	70.8	73.5	2.7
North Carolina	68.2	70.1	71.4	72.6	71.8	68.6	72.8	75.1	2.3
North Dakota	85.0	86.4	86.1	86.3	82.1	83.1	83.8	87.4	3.6

See notes at end of table.



**Table 13. Averaged freshman graduation rates of public high school students and change in rates, by state: School years 2001–02 through 2008–09—Continued**

State	Averaged freshman graduation rate (percent)								Change in rates from 2007–08 to 2008–09
	2001	2002	2003	2004	2005	2006	2007	2008	
	–02	–03	–04	–05	–06	–07	–08	–09	
Ohio	77.5	79.0	81.3	80.2	79.2	78.7	79.0	79.6	0.6
Oklahoma	76.0	76.0	77.0	76.9	77.8	77.8	78.0	77.3	–0.7
Oregon	71.0	73.7	74.2	74.2	73.0	73.8	76.7	76.5	–0.2
Pennsylvania	80.2	81.7	82.2	82.5	—	83.0	82.7	80.5	–2.2
Rhode Island	75.7	77.7	75.9	78.4	77.8	78.4	76.4	75.3	–1.1
South Carolina	57.9	59.7	60.6	60.1	—	58.9	—	66.0	—
South Dakota	79.0	83.0	83.7	82.3	84.5	82.5	84.4	81.7	–2.7
Tennessee	59.6	63.4	66.1	68.5	70.6	72.6	74.9	77.4	2.5
Texas	73.5	75.5	76.7	74.0	72.5	71.9	73.1	75.4	2.3
Utah	80.5	80.2	83.0	84.4	78.6	76.6	74.3	79.4	5.1
Vermont	82.0	83.6	85.4	86.5	82.3	88.6	89.3	89.6	0.3
Virginia	76.7	80.6	79.3	79.6	74.5	75.5	77.0	78.4	1.4
Washington	72.2	74.2	74.6	75.0	72.9	74.8	71.9	73.7	1.8
West Virginia	74.2	75.7	76.9	77.3	76.9	78.2	77.3	77.0	–0.3
Wisconsin	84.8	85.8	—	86.7	87.5	88.5	89.6	90.7	1.1
Wyoming	74.4	73.9	76.0	76.7	76.1	75.8	76.0	75.2	–0.8

— Not available.

‡ Reporting standards not met. Reported number of graduates exceeded grade 12 membership.

<sup>1</sup> Reporting states totals include any of the 50 states and the District of Columbia that reported all data elements.

<sup>2</sup> Maine reported 1,169 diplomas that were awarded to students attending private high schools that received a majority of their funding from public sources. These 1,169 diplomas were included in the Maine and the reporting states counts but were not included in the Averaged Freshman Graduation Rate (AFGR) calculations for the state and for the reporting states totals. The diploma counts used to calculate the AFGR for Maine and for the reporting states were 12,924 and 3,036,757, respectively.

<sup>3</sup> Due to item non-response, data for California and Nevada were imputed based on prior year reported data.

<sup>4</sup> New Hampshire included homeschooled students in reported membership in 2000–01. This could inflate the denominator for the AFGR in 2002–03, 2003–04, and 2004–05 slightly.

NOTE: The averaged freshman graduation rate (AFGR) is an estimate of the percentage of an entering freshman class graduating in 4 years. For 2008–09, it equals the total number of diploma recipients in 2008–09 divided by the average membership of the 8th-grade class in 2004–05, the 9th-grade class in 2005–06, and the 10th-grade class in 2006–07. Ungraded students were allocated to individual grades proportionally to the reported enrollments by grade.

SOURCE: Seastrom, M., Hoffman, L., Chapman, C., and Stillwell, R. (2005). *The Averaged Freshman Graduation Rate for Public High Schools From the Common Core of Data: School Years 2001–02 and 2002–03* (NCES 2006-601), table 1; Stillwell, R., Sable, J., and Plotts, C. (2011). *Public School Graduates and Dropouts From the Common Core of Data: School Year 2008–09* (NCES 2011-312), table 3.

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## Appendix A—Technical Notes

Table A-1 summarizes the different rates reported in this compendium. Immediately after the table, additional details about the sources of data and computational approaches to generating the different rates are provided.

**Table A-1. Summary table of high school dropout, completion, and graduation rates**

Rate	Current statistic (year)	Age group/ Grades	Description	Purpose	Alternative credential status
Event dropout rate	3.4 percent (2009)	15–24	Percentage of high school students who have dropped out of grades 10–12 in the past year	Indicator of the annual rate at which U.S. high school students are leaving school without receiving a high school diploma	Students who get an alternative credential do not count as dropouts.
Event dropout rate (public school students)	4.1 percent (2008–09)	Grades 9–12	Percentage of public high school students who have dropped out of grades 9–12 in a given year	State-level indicator of the annual rate at which public high school students are leaving school without receiving a high school diploma	Students who get a state-recognized alternative credential do not count as dropouts.
Status dropout rate	8.1 percent (2009)	16–24	Percentage of young adults who are not enrolled in high school and who do not have a high school credential	Indicator of the percentage of young adults who lack a high school credential	Young adults who have earned an alternative credential do not count as dropouts.
Status completion rate	89.8 percent (2009)	18–24	Percentage of young adults who have left high school and who hold a high school credential	Indicator of the percentage of young adults who have a basic high school education	People who have earned an alternative credential count as completers.

See notes at end of table.

**Table A-1. Summary table of high school dropout, completion, and graduation rates—Continued**

Rate	Current statistic (year)	Age group/ Grades	Description	Purpose	Alternative credential status
Averaged freshman graduation rate (public school students)	75.5 percent (2008–09)	Grades 9–12	Percentage of public high school students who graduate with a regular diploma 4 years after starting 9th grade	Indicator of on-time graduation from public schools	High school alternative credentials are not counted as “graduation.”

SOURCE: Stillwell, R., Sable, J., and Plotts, C. (2011). *Public School Graduates and Dropouts From the Common Core of Data: School Year 2008–09* (NCES 2011-312), tables 1 and 7. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

## Common Core of Data

The Common Core of Data (CCD), administered by the National Center for Education Statistics (NCES), is an annual survey of the state-level education agencies in the 50 states, the District of Columbia, and 8 other jurisdictions.<sup>1</sup> Through the CCD, statistical information is collected on all public school districts and their schools, staff, students, and finances. Information is not collected on private schools and their students, homeschoolers, individuals who never attended school in the United States, or those who have been out of a public school system for more than a year. Data from the CCD are used to calculate event dropout rates and the averaged freshman graduation rate (AFGR) for public high school students.

The dropout data collection was initiated with a set of instructions to state CCD coordinators in the summer of 1991. Those instructions specified the details of dropout data to be collected during the 1991–92 school year. Dropouts are reported for the preceding school year. Thus, the 1991–92 data were submitted to NCES as a component of the 1992–93 CCD data collection. Most recently, the 2008–09 dropout data were submitted as a component of the 2009–10 CCD data collection. Rates are presented for the District of Columbia and the 50 states

<sup>1</sup> Dropout and averaged freshman graduation rate (AFGR) data presented in this report are based on the following CCD data files: “Local Education Agency Universe Survey Dropout and Completion Data File,” School Years 1991–92 through 1996–97 (Version 1a); “State Dropout and Completion Data File,” School Years 1997–98, 1998–99, 1999–2000, 2000–01 (Versions 1b), and 2001–02 (Version 0d); 2002–03, 2003–04, 2004–05 (Version 1a), 2005–06 (Version 1b), 2006–07 (Version 1a), 2007–08 (Version 1b), 2008–09 (Version 1a); and “State Nonfiscal Survey of Public Elementary/Secondary Education Data File,” School Years 1997–98 (Version 1b), 1998–99 (Version 1c), 1999–2000 (Version 1c), 2000–01 (Version 1b), 2001–02 (Version 1b), 2002–03 (Version 1b), 2003–04 (Version 0c), 2004–05 (Version 0c), 2005–06 (Version 1a), 2006–07 (Version 1a), 2007–08 (Version 1a), and 2008–09 (Version 1a). The 8 other jurisdictions are the Department of Defense dependents schools (domestic and overseas); Bureau of Indian Education; Puerto Rico; American Samoa; Commonwealth of the Northern Mariana Islands; Guam; Puerto Rico, and the U.S. Virgin Islands.

for the 2008–09 school year. In prior years, some states did not submit data. A “reporting states” rate was calculated based on data from the reporting states (table 5).

Data needed to estimate the AFGR, specifically data on diploma awards and enrollment by grade, have traditionally been part of the CCD data collection. Like dropout data, diploma recipient reports are lagged a year (e.g., 2008–09 diploma counts are in the 2009–10 data files).

### ***Defining and Calculating Event Dropout Rates Using the CCD***

The definition of “event dropout rates” that was agreed upon by NCES and the states was the following:

The denominator of the rate is the current October 1st membership count for the state for the grades for which the dropout rate is being calculated. For example, the dropout rate for grades 9–12 would use a denominator that equals the October 1st enrollment count for grades 9–12.<sup>2</sup>

The numerator (dropouts) is all individuals who

- were enrolled in school at some time during the previous school year;
- were not enrolled at the beginning of the current school year;
- have not graduated from high school or completed a state- or district-approved education program; and
- do not meet any of the following exclusionary conditions: transferred to another public school district, private school, or state- or district-approved education program; temporary absence due to suspension or school-approved education program; or death.

For the purpose of this definition, the following statements apply:

- The school year is the 12-month period of time from the first day of school (operationally set as October 1), with dropouts from the previous summer reported for the year and grade in which they fail to enroll. Some states report using an alternative 12-month period from one July to the next, but the different periodicity does not affect the comparability of the estimates (Winglee et al. 2000);
- Individuals who are not accounted for on October 1 are considered dropouts; and
- A high school completer is an individual who has graduated from high school or completed a state- or district-approved education program upon receipt of formal recognition from school

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<sup>2</sup> Ungraded students are prorated across grades in the denominator proportional to known graded enrollment rates, and ungraded dropouts are included in the numerator.

authorities. A state- or district-approved education program may consist of special education and district- or state-sponsored General Educational Development (GED) preparation.

For 2008–09, Alabama, Michigan, and Wyoming were contacted because the submitted dropout counts produced dropout rate estimates that were low when compared to other states and data from earlier years. Illinois was contacted because the submitted dropout counts produced dropout rate estimates that were high when compared to other states and data from earlier years. Alabama, Illinois, Michigan, and Wyoming all confirmed the reported counts. Alabama, Illinois, and Wyoming all cited a new student data system that more accurately monitors dropout status as the reason for the magnitude of the differences.

### ***Defining the Averaged Freshman Graduation Rate for Public School Students Using the CCD***

Data from the CCD state nonfiscal files are used to calculate AFGRs in this report. In the AFGR, graduates include only diploma recipients. Other high school completers, such as those who earn a certificate of attendance, and those awarded alternative high school credentials such as GEDs, are not considered graduates. The purpose of these exclusions is to make the AFGR as similar as possible conceptually to Adequate Yearly Progress provisions in the Elementary and Secondary Education Act (ESEA) of 2001 (P.L. 107-110). These provisions require measurement of on-time graduation from public high schools and explicitly exclude GEDs and other types of nonregular diplomas. Another reason for the exclusion of alternative credentials in the AFGR is that not all states report alternative credentials, so comparable estimates across states would not be possible.

*Regular Diploma Recipients.* These are individuals who are awarded, in a given year, a high school diploma or a diploma that recognizes some higher level of academic achievement. They can be considered as students who meet or exceed the coursework and performance standards for high school completion established by the state or other relevant authorities. State and local policies and data collection administration can have profound effects on the numbers of diploma recipients reported by a state. There are differences in what a high school diploma represents in different states. Some states award regular diplomas to all students who meet completion requirements, regardless of the extent to which these requirements address state or district academic standards. Other states award some form of alternative credential to students who meet some, but not all, requirements.

*Exclusion of Other High School Completers.* Other high school completers were excluded from the calculation of the AFGR. These individuals receive a certificate of attendance or some other credential in lieu of a diploma. One example of such a credential is a certificate of attendance for special education students who do not follow a regular academic curriculum.

Students awarded this credential typically meet requirements that differ from those for a high school diploma. Some states do not issue an “other high school completion” type of certificate, but award all students who complete school a diploma regardless of what academic requirements the students have met.

*Exclusion of Alternative High School Credential Recipients.* Alternative high school credential recipients are awarded a credential certifying that they have met state or district requirements for high school completion by passing an examination or completing some other performance requirement. Alternative high school credentials, such as those earned by passing the GED test, are generally considered valid completion credentials, but recipients of such credentials are excluded from the AFGR because the ESEA calls for only regular diploma recipients to be counted. Incorporation of alternative credentials into high school outcome measures would be further complicated by the variation in how different states treat GED programs and recipients. Some states incorporate GED programs into their high school education systems and continue to follow the progress of individuals in these programs as part of their overall high school student population. These states count at least some GED recipients as alternative credential holders in their high school data systems. Some states incorporate GED programs into adult social service programs or other programs outside of secondary education and do not track GED program participants or GED recipients as part of their high school student population.

*Averaged Freshman Graduation Rate.* The AFGR provides an estimate of the percentage of high school students who graduate on time. The rate uses aggregate student enrollment data to estimate the size of an incoming freshman class and aggregate counts of the number of regular diplomas awarded 4 years later. The incoming freshman class size is estimated by summing the enrollment in 8th grade for 1 year, 9th grade for the next year, and 10th grade for the year after and then dividing by 3. The averaging is intended to account for higher grade retentions in the 9th grade in order to estimate how many students were first-time 9th-graders. Although not as accurate as an on-time graduation rate computed from a cohort of students using student record data, this estimate of an on-time graduation rate can be computed with currently available data. The AFGR was selected from a number of alternative estimates that can be calculated using cross-sectional data based on a technical review and analysis of a set of alternative estimates (Seastrom et al. 2006a, 2006b). The rate for the class of 2008–09 was calculated in the following manner:

$$\frac{\text{Regular High School Diplomas Awarded at End of 2008–09 School Year}}{\text{Enrollment in (Grade 8 in fall 2004 + Grade 9 in fall 2005 + Grade 10 in fall 2006)}/3}$$

Although enrollments are reported by grade, some states report ungraded students<sup>3</sup> in addition to graded students. To adjust for this, an allocation procedure used in the CCD “Local Education Agency Universe Survey Dropout and Completion Data File” was applied. Through this process, the data for ungraded enrollment counts were redistributed across grades in proportion to the graded enrollment of the state, and the resulting estimates for grades 8, 9, and 10 were added to the reported enrollment counts for those grades. The AFGR for public school students in the United States for 2008–09 is based on data from 4 years. The numerator is the 3,036,757 diploma recipients reported for school year 2008–09. The denominator is the average of the estimated 3,851,398 students in 8th grade in October 2004, the estimated 4,316,179 students in 9th grade in October 2005, and the estimated 3,905,449 students in 10th grade in October 2006. The 3,036,757 public school diploma recipients divided by the 4,024,345 averaged number of public school freshmen, multiplied by 100, results in a 2008–09 public school graduation rate for the United States of 75.5 percent. The same formula is applied to compute the earlier AFGR estimates presented in table 13.

Note that the AFGR is not the same as a true cohort graduation rate that shows the percentage of actual first-time 9th-grade students who graduated within 4 years of starting 9th grade. A true cohort rate requires data that track a given set of students over time. The CCD data used for the AFGR are collected using repeating cross-sectional surveys. Individual students are not followed from year to year. Although the AFGR was selected as the best of the available alternatives, there are several factors that make it fall short of a true on-time graduation rate. First, the averaged freshman class is, at best, an approximation of the actual number of first-time freshmen. To the extent that the averaging differs from actual net transfers into and out of a class, and to the extent that it does not accurately capture grade retention and dropout rates across all 4 years of a given freshman class’s expected high school stay, the estimate will be less accurate. Second, by including all graduates in a specific year, the graduates may include students who repeated a grade in high school or completed high school early and, thus, are not on-time graduates in that year.

Taking these factors one at a time, it is possible that more high school students will move out of a given jurisdiction than move into it during the 4 years between the beginning of 9th grade and the expected graduation date. The averaged freshman count would overestimate the size of the actual cohort and thus underestimate the graduation rate. On the other hand, if more high school students moved into a jurisdiction than moved out during this 4-year period, the averaged freshman count would underestimate the size of the cohort and thus overestimate the graduation rate. Similarly, the use of 8th-, 9th-, and 10th-grade enrollment counts to estimate a

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<sup>3</sup> Ungraded students are those who are assigned to a class or program that does not have standard grade designations.



first-time freshman class may not work as intended in many situations. Using 8th- and 9th-grade enrollment counts can be inaccurate to the extent that they do not adequately account for grade retention at 9th grade. Retention rates at 9th grade tend to be relatively large. While adding 8th-grade enrollments to the average may help diminish this problem, it is likely that in many cases it will not wholly adjust for actual 9th-grade retention rates, thus overestimating the first-time freshman count and underestimating the graduation rate. Using 9th- and 10th-grade enrollment numbers can be inaccurate to the extent that the 10th-grade counts exclude 9th-graders who dropped out in the previous year (effectively underestimating the cohort) or include students retained in 10th grade (effectively overestimating the cohort).

The inclusion of graduates who spent more or less than 4 years in high school increases the number of graduates in the numerator and yields a higher estimated rate than would be the case if only on-time graduates were included in the numerator. On the other hand, not recording early graduates with their actual cohort decreases the graduation rate for their original 9th-grade classes.

### ***Data Considerations for the CCD***

As a universe data collection, the CCD does not have sampling errors (the difference between an estimate based on a sample and the estimate based on an entire population). However, there are potential sources for nonsampling errors in universe data collections, including inability to get information about all cases (i.e., nonresponse); definitional difficulties; respondent inability to provide correct information; and errors made in recording, coding, and processing data. For more information about the CCD, go to <http://nces.ed.gov/ccd/>.

### **Current Population Survey**

The Current Population Survey (CPS) provides nationally representative data for the civilian, noninstitutionalized population of the United States. The survey is conducted in a sample of 50,000–60,000 households each month. Households are interviewed for four successive monthly interviews, are not interviewed for the next 8 months, and then are reinterviewed for the following 4 months. Typically, the first and the fifth interviews are conducted in person, with the remaining conducted via computer-assisted telephone interviewing. The sample frame is a complete list of dwelling-unit addresses at the time of the decennial Census updated by demolition and new construction listings. The population surveyed excludes members of the armed forces, inmates of correctional institutions, and patients in long-term medical or custodial facilities; it is referred to as the civilian, noninstitutionalized population. The household-level nonresponse rate was 7.9 percent in the 2009 October basic CPS, and the person-level nonresponse rate for the school enrollment supplement was an additional 6.2 percent. These rates

cannot be combined to derive an overall person-level response rate. For more information, please see *Current Population Survey, October 2009: School Enrollment and Internet Use Supplement File* (U.S. Department of Commerce 2010). An adult member of each household serves as the respondent for that household, supplying basic monthly data for each member of the household. In addition, in October of each year, supplementary questions regarding school enrollment are asked about eligible household members age 3 and older. Data are collected about individuals who attend or attended public schools and private schools, who were homeschooled, or who never attended school in the United States.

CPS data on educational attainment and enrollment status in the current year and prior year are used to identify dropouts and completers, and additional items in the CPS data are used to describe some of their basic characteristics. The CPS is the only source of national time series data on dropout and completion rates. However, because the CPS collects no information on school characteristics and experiences, its usefulness in addressing dropout and completion issues is primarily for providing insights on who drops out and who completes school. Sample sizes in the CPS collections do not support stable state-level estimates.

There are important differences in data collection procedures between the CPS and the CCD. First, the CCD collection includes only data for public schools, whereas the CPS counts include students who were enrolled in either public or private schools and some individuals who were never enrolled in school in the United States. Second, the CCD collects data about students from a given state's public school system. CPS data are based on where individuals currently reside, so the state of residence may differ from the state or country of earlier school attendance. Third, the CCD collection includes dropouts in grades 7–12, versus grades 10–12 in the CPS (although the CCD event rates are reported only for grades 9–12 in this report). Fourth, the CCD collection is based on administrative records rather than on individual self-reports based on household surveys, as in the CPS. Finally, data in the CCD are collected from the full universe of public schools, whereas data in the CPS are collected from a sample of households, not the full universe of households. As a result, CPS data have sampling errors associated with estimates, whereas CCD data do not. For more information on CPS sampling errors and how to interpret them, see “Statistical Procedures for Analyzing CPS-Based Estimates” below.

### ***Defining and Calculating Dropout and Completion Rates Using the CPS***

#### *Event Dropout Rates*

The October Supplement to the CPS is the only national data source that currently can be used to estimate annual national dropout rates. As a measure of recent dropout experiences, the event dropout rate measures the proportion of students who dropped out over a 1-year interval.

The numerator of the event dropout rate for 2009 is the number of persons ages 15–24<sup>4</sup> surveyed in October 2009 who were enrolled in grades 10–12 in October 2008, who were not enrolled in high school in October 2009, and who also did not complete high school (that is, had not received a high school diploma or an alternative credential such as a GED) between October 2008 and October 2009.

The denominator of the event dropout rate for 2009 is the sum of the dropouts (that is, the numerator) and all persons ages 15–24 who were attending grades 10–12 in October 2008, who were still enrolled in October 2009, or who graduated or completed high school between October 2008 and October 2009.

The dropout interval is defined to include the previous summer (in this case, the summer of 2009) and the previous school year (in this case, the 2008 school year), so that once a grade is completed, the student is then at risk of dropping out of the next grade. Given that the data collection is tied to each person’s enrollment status in October of 2 consecutive years, any student who drops out and returns within the 12-month period is not counted as a dropout.

### *Status Dropout Rates*

The status dropout rate reflects the percentage of individuals who are dropouts, regardless of when they dropped out. The numerator of the status dropout rate for 2009 is the number of individuals ages 16–24<sup>5</sup> who, as of October 2009, had not completed high school and were not currently enrolled. The denominator is the total number of 16- through 24-year-olds in October 2009.

### *Status Completion Rates*

The numerator of the high school status completion rate is the number of 18- through 24-year-olds<sup>6</sup> who had received a high school diploma or an alternative credential such as a GED. The denominator is the number of 18- through 24-year-olds who are no longer in elementary or secondary school.

*GED Credentials and the Status Completion Rate.* Prior to 2000, editions of this series of high school completion and dropout reports presented estimates of overall status completion

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<sup>4</sup> This age range was chosen in an effort to include as many students in grades 10–12 as possible. Because the rate is based on retrospective data, it is lagged 1 year, meaning that some 15-year-olds have turned age 16 by the time of the interview.

<sup>5</sup> Age 16 was chosen as the lower age limit because, in some states, compulsory education is not required after age 16. Age 24 was chosen as the upper limit because it is the age at which free secondary education is no longer available and the age at which the average person who is going to obtain a GED does so.

<sup>6</sup> Age 18 was chosen as the lower age limit because most diploma holders earn their diploma by this age. Age 24 was chosen as the upper limit because it is the age at which free secondary education is no longer available and the age at which the average person who is going to obtain a GED does so.

rates and estimates of the method of completion—graduation by diploma or completion through an alternative credential such as the GED—based on data obtained through CPS reporting. Because of changes in the CPS introduced in 2000, data on the method of completion were not comparable with prior-year CPS estimates and the method-of-completion data were no longer reported in NCES reports generally. Please see the discussion of the GED Testing Service data below for further information.

### *Data Considerations for the CPS*

Over the last several decades, data collection procedures, items, and data preparation processes have changed in the CPS. Some of these changes were introduced to ensure that CPS estimates were comparable to those from decennial Census collections, some were introduced to reflect changes in the concepts under study, some were introduced to improve upon measures, and some were introduced to develop measures for new phenomena. The effects of the various changes have been studied to help ensure they do not disrupt trend data from the CPS. For a summary of the changes and studies of their effects, please see appendix C of *Dropout Rates in the United States: 2001* (Kaufman, Alt, and Chapman 2004).

CPS data include weights to help make estimates from the data representative of the civilian, noninstitutionalized population in the United States. These weights are based on decennial Census data that are adjusted for births, deaths, immigration, emigration, etc., over time.

*Imputation for Item Nonresponse in the CPS.* For many key items in the October CPS, the U.S. Census Bureau imputes data for cases with missing data due to item nonresponse. However, the U.S. Census Bureau did not impute data regarding the method of high school completion before 1997. Special imputations were conducted for these items using a sequential hot deck procedure implemented through the PROC IMPUTE computer program developed by the American Institutes for Research. Three categories of age, two categories of race, two categories of sex, and two categories of citizenship were used as imputation cells.

*Age and Grade Ranges in CPS Estimates.* The age and grade ranges used in the CPS measures of dropout rates are constrained by available data. Ideally, the estimates would be able to capture reliable estimates of children in grades as low as grade 9. However, the CPS asks the question about enrollment in the previous October only about individuals age 15 and older. Many 9th-graders are younger than age 15, so 10th grade was selected as the lower boundary of grade ranges in the event dropout rate.

*Accuracy of CPS Estimates.* CPS estimates in this report are derived from samples and are subject to two broad classes of error—sampling and nonsampling error. Sampling errors occur because the data are collected from a sample of a population rather than from the entire population. Estimates based on a sample will differ to some degree (dependent largely on sample size and coverage) from the values that would have been obtained from a universe survey using the same instruments, instructions, and procedures. Nonsampling errors come from a variety of sources and affect all types of surveys—universe as well as sample surveys. Examples of sources of nonsampling error include design, reporting, and processing errors and errors due to nonresponse. The effects of nonsampling errors are more difficult to evaluate than those that result from sampling variability. As much as possible, procedures are built into surveys in order to minimize nonsampling errors.

The standard error is a measure of the variability due to sampling when estimating a parameter. It indicates how much variance there is in the population of possible estimates of a parameter for a given sample size. Standard errors can be used as a measure of the precision expected from a particular sample. The probability that a sample statistic would differ from a population parameter by less than the standard error is about 68 percent. The chances that the difference would be less than 1.65 times the standard error are about 90 out of 100, and the chances that the difference would be less than 1.96 times the standard error are about 95 out of 100.

Standard errors for percentages and numbers of persons based on CPS data were calculated using the following formulas:

Percentage:

$$se = \sqrt{(b/N)(p)(100-p)}$$

where  $p$  = the percentage ( $0 < p < 100$ ),

$N$  = the population on which the percentage is based, and

$b$  = the regression parameter, which is based on a generalized variance formula and is associated with the characteristic.

For 2009,  $b$  is equal to 2,131 for the total and White population, 2,410 for the Black population, 2,744 for the Hispanic population, and 2,410 for the Asian/Pacific Islander population ages 14–24. For regional estimates,  $b$  is equal to 1.06 for the Northeast, 1.06 for the Midwest, 1.07 for the South, and 1.02 for the West.

CPS documentation explains the purpose and process for the generalized variance parameter:

Experience has shown that certain groups of estimates have similar relations between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The generalized variance function is a simple model that expresses the variance as a function of the

expected value of a survey estimate. The parameters of the generalized variance function are estimated using direct replicate variances (Cahoon 2005, p. 7).

Number of persons:

$$se = \sqrt{(bx)(1-(x/T))}$$

where  $x$  = the number of persons (i.e., dropouts),  
 $T$  = population in the category (e.g., Blacks ages 16–24), and  
 $b$  = as above.

### Statistical Procedures for Analyzing CPS-Based Estimates

Because CPS data are collected from samples of the population, statistical tests are employed to measure differences between estimates to help ensure they are taking into account possible sampling error.<sup>7</sup> The descriptive comparisons in this report were tested using Student’s  $t$  statistic. Differences between estimates are tested against the probability of a type I error,<sup>8</sup> or significance level. The significance levels were determined by calculating the Student’s  $t$  values for the differences between each pair of means or proportions and comparing these with published tables of significance levels for two-tailed hypothesis testing.

Student’s  $t$  values may be computed to test the difference between percentages with the following formula:

$$t = \frac{P_1 - P_2}{\sqrt{se_1^2 + se_2^2}}$$

where  $P_1$  and  $P_2$  are the estimates to be compared and  $se_1$  and  $se_2$  are their corresponding standard errors.

Several points should be considered when interpreting  $t$  statistics. First, comparisons based on large  $t$  statistics may appear to merit special attention. This can be misleading since the magnitude of the  $t$  statistic is related not only to the observed differences in means or proportions but also to the number of respondents in the specific categories used for comparison. Hence, a small difference compared across a large number of respondents would produce a large  $t$  statistic.

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<sup>7</sup> The CCD and GEDTS data are universe data collections and therefore do not require statistical testing, such as that used for estimates from the CPS sample survey data.

<sup>8</sup> A Type I error occurs when one concludes that a difference observed in a sample reflects a true difference in the population from which the sample was drawn, when no such difference is present. It is sometimes referred to as a “false positive.”

Second, there is a possibility that one can report a “false positive” or type I error. In the case of a  $t$  statistic, this false positive would result when a difference measured with a particular sample showed a statistically significant difference when there was no difference in the underlying population. Statistical tests are designed to control this type of error. These tests are set to different levels of tolerance or risk, known as alphas. The alpha level of .05 selected for findings in this report indicates that a difference of a certain magnitude or larger would be produced no more than 1 time out of 20 when there was no actual difference between the quantities in the underlying population. When  $p$  values are smaller than the .05 level, the null hypothesis that there is no difference between the two quantities is rejected. Finding no difference, however, does not necessarily imply that the values are the same or equivalent.

Third, the probability of a type I error increases with the number of comparisons being made. Bonferroni adjustments are sometimes used to correct for this problem. Bonferroni adjustments do this by reducing the alpha level for each individual test in proportion to the number of tests being done. However, while Bonferroni adjustments help avoid type I errors, they increase the chance of making type II errors. Type II errors occur when there actually is a difference present in a population, but a statistical test applied to estimates from a sample indicates that no difference exists. Prior to the 2001 report in this series, Bonferroni adjustments were employed. Because of changes in NCES reporting standards, Bonferroni adjustments are not employed in this report.

Regression analysis was used to test for trends across age groups and over time. Regression analysis assesses the degree to which one variable (the dependent variable) is related to one or more other variables (the independent variables). The estimation procedure most commonly used in regression analysis is ordinary least squares (OLS). When studying changes in rates over time, the rates were used as dependent measures in the regressions, with a variable representing time and a dummy variable controlling for changes in the educational attainment item in 1992 (= 0 for years 1972 to 1991, = 1 after 1992) used as independent variables. Significant and positive slope coefficients suggest that rates increased over time. Conversely, significant and negative coefficients suggest that rates decreased over time. Because of varying sample sizes over time, some of the estimates were less reliable than others (i.e., some years’ standard errors were larger than those for other years). In such cases, OLS estimation procedures do not apply, and it is necessary to modify the regression procedures to obtain unbiased regression parameters. This is accomplished by using weighted least squares regressions.<sup>9</sup> Each variable in the analysis was transformed by dividing by the standard error of the relevant year’s rate. The new dependent variable was then regressed on the new time variable, a variable for 1 divided by the standard

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<sup>9</sup> For a general discussion of weighted least squares analysis, please see Gujarati, D. (1998). *Basic Econometrics* (2nd ed.). New York: McGraw Hill.

error for the year's rate, and the new editing-change dummy variable. All statements about trend changes in this report are statistically significant at the .05 level.

## GED Testing Service

The GED Testing Service (GEDTS) collects data on individuals who take the GED exam each year and on individuals who pass the exam each year. These data are collected from test sites both in the United States and internationally. The GEDTS releases the data in aggregate form in annual statistical reports. The reports are organized to allow readers to differentiate between those individuals taking and passing the exam in the United States and those taking and passing the exam outside of the United States. Though GEDTS designs and administers the exams, many related policies are set by states and sometimes jurisdictions within a state. For example, determinations of who can take the exam, how much preparation is required, how and when the exam can be retaken, how much the exam costs, and the official name of the resulting credential is set by states and sometimes jurisdictions within a state (see <http://www2.acenet.edu/gedtest/policy/index.cfm?return=1> for details).

Prior to 2000, NCES completion and dropout reports presented estimates of those holding alternative credentials, such as GEDs, directly from CPS data as part of the status completion rate. Examination of the changes in the CPS alternative credential items in the October 2000 and subsequent surveys has indicated that these estimates may not be reliable estimates of alternative high school completions.<sup>10</sup> Therefore, CPS estimates of the method of alternative high school completion are no longer presented in NCES reports. Because GED recipients do have notably different life experiences than those with no high school credential and those with a regular high school diploma, the loss of information about alternative credential holders was an important measurement problem. In response, NCES developed an approach for using GEDTS to estimate how many young people in the civilian, noninstitutionalized population in a given age range had earned a GED by passing the GED exam. It is important to acknowledge here that Mishel and Roy (2006) simultaneously and independently developed a similar approach for research that they were conducting.

Table A-2 provides a summary of the data released by GEDTS on the number of people passing the exam each year and the age distribution of those passing the exam (American Council on Education, GED Testing Service 1991–2002, 2003–06, 2007, 2008, 2009, 2010). Data from GEDTS are provided for those in the general population for the 50 states and the

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<sup>10</sup> For a comparison of estimates from the CPS and the GED Testing Service of the number of 18- through 24-year-olds who have received a GED, see table A-1 in Laird, J., DeBell, M., Kienzl, G., and Chapman, C. (2007). *Dropout Rates in the United States: 2005* (NCES 2007-059). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.



District of Columbia, and separately for facilities that would not be included in the CPS sampling frame (referred to as state and federal contract facilities in the table title). For the U.S. population, GEDTS indicates that approximately 301,000 persons ages 18–24 passed the GED in 2009. The GED status rate indicates the percentage of individuals in a given age range who passed the GED exam irrespective of when they passed the exam.<sup>11</sup> In order to derive the GED status rate, data from several GEDTS reports were combined. For 18- through 24-year-olds, this was done by adding the count of 18- through 24-year-olds who passed the exam in 2009 to counts of people who were ages 18–24 in 2009, but who passed the exam in earlier years. The number of 18- through 24-year-olds who passed the exam in 2009 was added to the number of 17- through 23-year-olds who passed the exam in 2008. That sum was added to the number of 16- through 22-year-olds who passed the exam in 2007, the number of 16- through 21-year-olds who passed the exam in 2006, the number of 16- through 20-year-olds who passed the exam in 2005, the number of 16- through 19-year-olds who passed the exam in 2004, the number of 16- through 18-year-olds who passed the exam in 2003, the number of 16- and 17-year-olds who passed the exam in 2002, and the number of 16-year-olds who passed the exam in 2001. Sixteen-year-olds in 2001 would have been 24 in 2009. Based on this approach, approximately 1,621,000 persons ages 18 through 24 held a GED in 2009.

Because the CPS-based status rates developed for this report focus on individuals in the civilian, noninstitutionalized population, adjustments were made to the GED count estimates. GED count data are reported by year the GED was earned, whereas the status rates reflect the experience of individuals over multiple-year periods. As such, individuals might have been part of the civilian, noninstitutionalized population when they earned a GED, and subsequently joined the military or the prison populations. Alternatively, individuals might have been in the military or in prison when they earned a GED and subsequently reentered the civilian, noninstitutionalized population. To account for both possibilities, information for those passing the exams in facilities that are not part of the CPS sampling frame were drawn from GEDTS reports (table A-3), adjusted in the same way as the data from table A-2 and combined with those data. Combining information from tables A-2 and A-3 provides counts of individuals who were 18–24-years-old in 2009, irrespective of where they were when they took the exams.

The combined data were then adjusted to account for the possibility that by 2009, those who passed the GED in civilian, non-institutionalized settings might no longer be in that population, and those who passed the exams while on active duty military or while in institutionalized group quarters might now be in the civilian noninstitutionalized population. To make these adjustments, data for current active-duty military personnel for 2009 were obtained

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<sup>11</sup> The GED Testing Service reports 20- through 24-year-olds as one age group. Single year of age data for those in the 20–24-year-old group was estimated by dividing the group count by 5 in a given year.

from the Defense Manpower Data Center, and data for those in prisons and jails were estimated from the *Survey of Inmates in State and Federal Correctional Facilities, 2004* (U.S. Department of Justice 2004). More recent prison data, including inmate educational attainment, were not available. Rates of inmates holding GEDs was derived from the 2004 correctional facility data. The rates were then applied to 2009 prison data that contained prison inmate age distributions (table A-3). Prison data for 2009 were drawn from the Bureau of Justice Statistics' *Prison Inmates at Midyear – 2009* (U.S. Department of Justice 2010). After these adjustments, the estimated number of 18- through 24-year-old individuals in the civilian, noninstitutionalized population holding a GED in 2009 was approximately 1,479,000. A similar approach was used to estimate the number of 16- to 24-year-olds in the civilian, noninstitutionalized population holding a GED in 2009. Note, adjustments for other institutionalized group quarters that might affect the relationship between the GEDTS and CPS data could not be directly estimated.

**Table A-2. Percentage distribution of the U.S. population who passed the General Educational Development (GED) exam outside of federal and state contract facilities, by age group: 1998–2009**

Year <sup>1</sup>	Number passed	Age group					
		16	17	18	19	20–24	25 or older
1998	480,947	2.8	11.8	19.1	12.2	24.1	30.0
1999	498,015	3.3	12.9	16.1	12.3	24.3	31.1
2000	486,997	3.2	13.0	16.5	12.2	24.9	30.2
2001	648,022	2.9	11.5	14.7	11.5	26.4	33.0
2002	329,515	4.4	15.8	17.4	11.6	24.6	26.2
2003	387,470	3.9	14.6	16.8	11.4	25.9	27.4
2004	405,724	4.0	14.0	16.8	11.4	26.2	27.6
2005	423,714	3.9	13.7	16.1	10.9	25.6	29.8
2006	398,045	4.1	14.4	16.7	10.9	24.9	29.0
2007	428,840	4.0	14.3	17.0	10.9	24.1	29.7
2008	467,994	3.6	13.5	16.9	11.1	24.0	30.9
2009	447,885	3.2	11.9	15.9	11.3	24.9	32.8

<sup>1</sup> Prior to 2002, those passing GED exams in federal or state contract facilities were issued GEDs in their state of residence. Contract facilities include military installations and prisons.

NOTE: Data apply to the 50 states and the District of Columbia. The numbers and percentage distributions for 1998–2001 were reported in the original source as the number receiving a credential.

SOURCE: American Council on Education, GED Testing Service. (1991–2002). *Who Took the GED? GED Annual Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2003–06). *Who Passed the GED Tests? Annual Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2007). *2006 GED Testing Program Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2008). *2007 GED Testing Program Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2009). *2008 GED Testing Program Statistical Report*. Washington, DC: Author; and American Council on Education, GED Testing Service. (2010). *2009 GED Testing Program Statistical Report*. Washington, DC: Author.

**Table A-3. Percentage distribution of the U.S. population who passed the General Educational Development (GED) exam in federal or state contract facilities, by age group: 1998–2009**

Year <sup>1</sup>	Number passed	Age group					
		16	17	18	19	20–24	25 or older
1998	†	†	†	†	†	†	†
1999	†	†	†	†	†	†	†
2000	†	†	†	†	†	†	†
2001	†	†	†	†	†	†	†
2002	4,414	0.0	0.4	1.6	3.8	26.8	67.4
2003	6,332	0.3	1.0	1.7	2.7	27.9	66.4
2004	8,644	0.4	1.0	2.0	2.9	25.4	68.3
2005	10,591	0.3	3.1	4.0	4.1	23.9	64.6
2006	10,143	0.4	3.5	5.5	6.1	23.8	60.7
2007	11,741	0.3	3.0	7.5	7.1	25.0	57.1
2008	14,727	1.0	5.8	10.9	9.1	23.5	49.7
2009	13,951	1.3	5.0	11.7	10.1	24.5	47.4

† Not applicable.

<sup>1</sup> Prior to 2002, people passing exams in federal or state contract facilities were issued GEDs in their state of residence. Contract facilities include military installations and prisons.

NOTE: Data apply to the 50 states and the District of Columbia. The numbers and percentage distributions for 1998–2001 were reported in the original source as the number receiving a credential.

SOURCE: American Council on Education, GED Testing Service. (1991–2002). *Who Took the GED? GED Annual Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2003–06). *Who Passed the GED Tests? Annual Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2007). *2006 GED Testing Program Statistical Report*. Washington, DC: Author; American Council on Education, GED Testing Service. (2008). *2007 GED Testing Program Statistical Report*. Washington, DC: Author; and American Council on Education, GED Testing Service. (2009). *2008 GED Testing Program Statistical Report*. Washington, DC: Author; and American Council on Education, GED Testing Service. (2010). *2009 GED Testing Program Statistical Report*. Washington, DC: Author.

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## Appendix B—Glossary

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For definitions of dropout and completion rate estimates, please see the discussions above and table A-1.

**Age.** This represents the age of the subject at the time of data collection.

**Disability.** Individuals identified as having a disability were reported to have difficulty with at least one of the following: hearing, seeing even when wearing glasses, walking or climbing stairs, dressing or bathing, doing errands alone, concentrating, remembering, or making decisions.

**Family income.** In the Current Population Survey (CPS), family income is derived from a single question asked of the household respondent. Income includes money income from all sources, including jobs, business, interest, rent, and social security payments. The income of nonrelatives living in the household is excluded, but the income of all family members 14 years old and older, including those temporarily living away, is included. Family income refers to receipts over a 12-month period.

There are several issues that affect the interpretation of dropout rates by family income using the CPS. First, it is possible that the family income of the students at the time they dropped out was somewhat different from their family income at the time of the CPS interview. Furthermore, family income is derived from a single question asked of the household respondent in the October CPS. In some cases, there are persons ages 15–24 living in the household who are unrelated to the household respondent, yet whose family income is defined as the income of the family of the household respondent. Therefore, the current family income of the respondent may not accurately reflect that person’s family background. In particular, some of the young adults in the 15- through 24-year age range do not live in a family unit with a parent present.

**GED, or General Educational Development.** General Educational Development (GED) tests are standardized tests designed to measure the skills and knowledge that students normally acquire by the end of high school. The tests are developed by the American Council on Education’s GED Testing Service. People who pass may receive an alternative high school credential.

**Geographic regions.** There are four Census regions used in this report: Northeast, Midwest, South, and West. The Northeast consists of Maine, New Hampshire,

Vermont, Massachusetts, Connecticut, Rhode Island, New York, New Jersey, and Pennsylvania. The Midwest consists of Ohio, Indiana, Illinois, Michigan, Wisconsin, Iowa, Minnesota, Missouri, North Dakota, South Dakota, Nebraska, and Kansas. The South consists of Delaware, Maryland, the District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas. The West consists of Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii.

***Recency of immigration.*** Recency of immigration was derived from a set of questions on the CPS survey inquiring about the country of birth of the reference person and his or her mother and father. From these questions, the following three categories were constructed: (1) born outside the 50 states and the District of Columbia, (2) first generation, and (3) second generation or higher. “First generation” is defined as individuals who were born in one of the 50 states or the District of Columbia, but who had at least one parent who was not. “Second generation or higher” refers to individuals who themselves, as well as both of their parents, were born in one of the 50 states or the District of Columbia. These three categories were subdivided using the variable for the subject’s race/ethnicity (see below), so that there were six categories: the three immigration categories plus a Hispanic and non-Hispanic category for each of the three immigration categories.

***Race/ethnicity.*** This variable is constructed from two variables in the CPS. One asks about the subject’s ethnic background and the second asks about the subject’s race. Those reported as being of Hispanic background on the ethnic background question are categorized as Hispanic, irrespective of race. Non-Hispanics are then categorized by race. Beginning in 2003, respondents were able to indicate two or more races. Those who indicated two or more races and who did not indicate that they were Hispanic are categorized as “Two or more races, non-Hispanic.”

***Sex.*** This represents the sex of the subject.

# Appendix C—Standard Error Tables

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**Table C-1. Standard errors for table 1: Event dropout rates and number and distribution of 15- through 24-year-olds who dropped out of grades 10–12, by selected characteristics: October 2009**

Characteristic	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled (thousands)	Percent of all dropouts	Percent of population enrolled
<b>Total</b>	<b>0.25</b>	<b>28</b>	<b>131</b>	†	†
Sex					
Male	0.36	20	93	3.78	0.70
Female	0.35	19	93	3.78	0.70
Race/ethnicity					
White, non-Hispanic	0.28	18	102	3.74	0.68
Black, non-Hispanic	0.83	13	53	3.25	0.52
Hispanic	0.87	17	63	3.95	0.61
Asian/Pacific Islander, non-Hispanic	†	†	28	†	0.29
Family income					
Low income	0.98	15	51	3.47	0.48
Middle income	0.33	21	101	3.73	0.69
High income	0.32	9	66	2.40	0.62
Age					
15–16	0.43	13	64	3.17	0.63
17	0.37	14	29	3.26	0.66
18	0.47	14	44	3.32	0.62
19	1.11	9	37	2.31	0.36
20–24	3.25	10	26	2.77	0.23
Recency of immigration					
Born outside the 50 states and District of Columbia					
Hispanic	2.09	8	29	2.11	0.29
Non-Hispanic	1.58	7	26	1.75	0.27
First generation					
Hispanic	1.30	13	43	3.19	0.45
Non-Hispanic	0.73	5	34	1.40	0.35
Second generation or higher					
Hispanic	1.38	9	35	2.25	0.37
Non-Hispanic	0.28	22	111	3.70	0.63
Disability					
With a disability	1.26	5	24	1.21	0.25
Without a disability	0.26	27	129	1.21	0.25

See notes at end of table.



**Table C-1. Standard errors for table 1: Event dropout rates and number and distribution of 15- through 24-year-olds who dropped out of grades 10–12, by selected characteristics: October 2009**  
—Continued

Characteristic	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled (thousands)	Percent of all dropouts	Percent of population enrolled
Geographic region					
Northeast	0.58	12	58	2.89	0.56
Midwest	0.51	13	65	3.18	0.61
South	0.44	17	81	3.70	0.69
West	0.59	15	64	3.44	0.59

† Not applicable. Either the corresponding statistic refers to the total population, which is, by definition, 100 percent of the distribution, or reporting standards are not met because the coefficient of variation (CV) for this estimate is 50 percent or greater.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table C-2. Standard errors for table 2: Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, and number of dropouts and population of 15- through 24-year-olds who were enrolled: October 1972 through October 2009**

Year	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled (thousands)
1972	0.33	34.3	125.7
1973	0.33	35.2	127.0
1974	0.34	36.6	128.1
1975	0.32	34.4	128.3
1976	0.32	34.7	128.6
1977	0.34	37.1	130.0
1978	0.34	37.2	129.7
1979	0.34	37.2	129.3
1980	0.33	35.0	128.7
1981	0.33	34.5	128.7
1982	0.34	34.6	126.8
1983	0.33	33.1	125.7
1984	0.33	32.4	123.9
1985	0.34	32.3	122.8
1986	0.32	31.1	123.7
1987	0.30	29.9	123.1
1988	0.36	34.6	122.0
1989	0.36	32.4	119.5
1990	0.34	29.1	118.9
1991	0.34	29.1	119.3
1992	0.35	30.5	120.1
1993	0.36	30.4	119.5
1994	0.34	34.5	123.6
1995	0.35	36.0	124.3
1996	0.34	34.1	124.8
1997	0.32	32.0	126.7
1998	0.33	32.9	132.0
1999	0.33	34.2	134.1
2000	0.33	33.2	126.7
2001	0.33	33.7	133.7
2002	0.27	27.5	127.2
2003	0.28	29.6	129.3
2004	0.30	31.4	128.4
2005	0.27	29.1	130.5
2006	0.27	28.9	130.6

See notes at end of table.

**Table C-2. Standard errors for table 2: Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, and number of dropouts and population of 15- through 24-year-olds who were enrolled: October 1972 through October 2009—Continued**

Year	Event dropout rate (percent)	Number of event dropouts (thousands)	Population enrolled (thousands)
2007	0.26	28.1	131.2
2008	0.26	28.3	131.6
2009	0.25	27.7	131.0

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-3. Standard errors for table 3: Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by sex and race/ethnicity: October 1972 through October 2009**

Year	Total (percent)	Sex (percent)		Race/ethnicity (percent)		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
1972	0.33	0.46	0.48	0.34	1.32	2.81
1973	0.33	0.49	0.45	0.35	1.35	2.65
1974	0.34	0.51	0.46	0.35	1.41	2.52
1975	0.32	0.44	0.46	0.33	1.25	2.50
1976	0.32	0.48	0.43	0.35	1.15	2.05
1977	0.34	0.49	0.46	0.37	1.20	2.13
1978	0.34	0.51	0.46	0.36	1.31	2.75
1979	0.34	0.49	0.48	0.37	1.32	2.43
1980	0.33	0.49	0.45	0.35	1.21	2.56
1981	0.33	0.47	0.46	0.34	1.29	2.28
1982	0.34	0.49	0.46	0.36	1.21	2.31
1983	0.33	0.50	0.45	0.35	1.17	2.44
1984	0.33	0.49	0.46	0.36	1.06	2.51
1985	0.34	0.50	0.48	0.36	1.26	2.55
1986	0.32	0.46	0.45	0.34	1.05	2.69
1987	0.30	0.44	0.41	0.33	1.14	1.89
1988	0.36	0.52	0.50	0.39	1.20	3.09
1989	0.36	0.51	0.51	0.37	1.39	2.65
1990	0.34	0.48	0.47	0.36	1.15	2.29
1991	0.34	0.46	0.49	0.36	1.20	2.17
1992	0.35	0.46	0.53	0.38	1.09	2.23
1993	0.36	0.51	0.50	0.40	1.20	2.03
1994	0.34	0.48	0.49	0.37	1.03	1.52
1995	0.35	0.51	0.48	0.38	1.00	1.61
1996	0.34	0.49	0.51	0.38	1.05	1.50
1997	0.32	0.47	0.43	0.35	0.92	1.45
1998	0.33	0.45	0.47	0.36	0.91	1.48
1999	0.33	0.44	0.49	0.36	1.00	1.28
2000	0.33	0.49	0.43	0.37	1.01	1.24
2001	0.33	0.49	0.44	0.37	1.01	1.38
2002	0.27	0.39	0.37	0.28	0.87	1.01
2003	0.28	0.40	0.38	0.31	0.85	1.06
2004	0.30	0.44	0.41	0.34	0.94	1.20
2005	0.27	0.40	0.36	0.29	1.03	0.87
2006	0.27	0.39	0.36	0.30	0.77	1.01

See notes at end of table.

**Table C-3. Standard errors for table 3: Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by sex and race/ethnicity: October 1972 through October 2009—Continued**

Year	Total (percent)	Sex (percent)		Race/ethnicity (percent)		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
2007	0.26	0.37	0.35	0.26	0.80	0.98
2008	0.26	0.34	0.39	0.27	0.94	0.85
2009	0.25	0.36	0.35	0.28	0.83	0.87

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-4. Standard errors for table 4: Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by family income: October 1972 through October 2009**

Year	Total (percent)	Family income (percent)		
		Low income	Middle income	High income
1972	0.33	1.55	0.45	0.39
1973	0.33	1.65	0.46	0.32
1974	0.34	†	†	†
1975	0.32	1.57	0.43	0.38
1976	0.32	1.61	0.46	0.34
1977	0.34	1.57	0.48	0.35
1978	0.34	1.69	0.48	0.40
1979	0.34	1.62	0.47	0.44
1980	0.33	1.51	0.46	0.38
1981	0.33	1.50	0.45	0.41
1982	0.34	1.52	0.46	0.36
1983	0.33	1.35	0.48	0.39
1984	0.33	1.49	0.45	0.37
1985	0.34	1.53	0.47	0.39
1986	0.32	1.33	0.45	0.34
1987	0.30	1.29	0.45	0.27
1988	0.36	1.59	0.48	0.35
1989	0.36	1.43	0.50	0.33
1990	0.34	1.39	0.45	0.33
1991	0.34	1.43	0.44	0.31
1992	0.35	1.42	0.46	0.36
1993	0.36	1.57	0.46	0.35
1994	0.34	1.44	0.44	0.41
1995	0.35	1.36	0.47	0.39
1996	0.34	1.34	0.46	0.41
1997	0.32	1.36	0.41	0.37
1998	0.33	1.34	0.39	0.46
1999	0.33	1.26	0.44	0.40
2000	0.33	1.23	0.45	0.35
2001	0.33	1.36	0.45	0.37
2002	0.27	1.05	0.36	0.34
2003	0.28	1.04	0.39	0.30
2004	0.30	1.24	0.39	0.41
2005	0.27	1.06	0.36	0.30
2006	0.27	1.12	0.34	0.36

See notes at end of table.

**Table C-4. Standard errors for table 4: Event dropout rates of 15- through 24-year-olds who dropped out of grades 10–12, by family income: October 1972 through October 2009—Continued**

Year	Total (percent)	Family income (percent)		
		Low income	Middle income	High income
2007	0.26	1.07	0.34	0.25
2008	0.26	1.05	0.31	0.37
2009	0.25	0.98	0.33	0.32

† Not applicable. Data for family income are not available for 1974.

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-5. Standard errors for table 6: Status dropout rates and number and distribution of dropouts of 16- through 24-year-olds, by selected characteristics: October 2009**

Characteristic	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)	Percent of all dropouts	Percent of population
<b>Total</b>	<b>0.20</b>	<b>76.8</b>	—	†	†
Sex					
Male	0.31	57.9	—	1.31	0.38
Female	0.27	50.7	—	1.31	0.38
Race/ethnicity					
White, non-Hispanic	0.21	49.0	—	1.29	0.37
Black, non-Hispanic	0.61	33.3	—	1.05	0.28
Hispanic	0.76	52.1	—	1.47	0.33
Asian/Pacific Islander, non-Hispanic	0.71	11.0	—	0.37	0.16
American Indian/Alaska Native, non-Hispanic	3.28	8.4	—	†	†
Two or more races, non-Hispanic	1.41	10.5	—	†	†
Age					
16	0.37	15.3	—	0.50	0.24
17	0.46	19.4	—	0.63	0.24
18	0.59	25.7	—	0.83	0.24
19	0.65	27.8	—	0.90	0.24
20–24	0.30	62.0	—	1.26	0.37
Recency of immigration					
Born outside the 50 states and District of Columbia					
Hispanic	1.64	35.9	—	1.26	0.20
Non-Hispanic	0.81	15.3	—	0.51	0.16
First generation					
Hispanic	1.04	27.5	—	0.92	0.22
Non-Hispanic	0.57	13.9	—	0.46	0.18
Second generation or higher					
Hispanic	1.13	22.2	—	0.75	0.19
Non-Hispanic	0.21	56.9	—	1.32	0.34
Disability					
With a disability	1.44	19.5	—	0.67	0.14
Without a disability	0.21	74.4	—	0.67	0.14

See notes at end of table.



**Table C-5. Standard errors for table 6: Status dropout rates and number and distribution of dropouts of 16- through 24-year-olds, by selected characteristics: October 2009—Continued**

Characteristic	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)	Percent of all dropouts	Percent of population
Geographic region					
Northeast	0.47	31.6	—	0.99	0.30
Midwest	0.44	36.3	—	1.11	0.32
South	0.36	48.8	—	1.33	0.37
West	0.44	39.3	—	1.17	0.32

— Not available.

† Not applicable. Either the corresponding statistic refers to the total population, which is, by definition, 100 percent of the distribution, or reporting standards are not met because the coefficient of variation (CV) for this estimate is 50 percent or greater.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table C-6. Standard errors for table 7: Status dropout rates, number of status dropouts, and population of 16- through 24-year-olds: October 1972 through October 2009**

Year	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)
1972	0.28	91.1	—
1973	0.27	90.9	—
1974	0.27	92.0	—
1975	0.27	92.0	—
1976	0.26	93.3	—
1977	0.27	94.9	—
1978	0.27	95.6	—
1979	0.27	96.8	—
1980	0.26	95.4	—
1981	0.26	96.1	—
1982	0.27	100.0	—
1983	0.27	98.6	—
1984	0.27	96.1	—
1985	0.27	93.2	—
1986	0.27	91.4	—
1987	0.28	92.3	—
1988	0.30	100.2	—
1989	0.31	98.0	—
1990	0.29	92.0	—
1991	0.30	92.8	—
1992	0.28	87.7	—
1993	0.28	87.5	—
1994	0.26	91.4	—
1995	0.27	92.9	—
1996	0.27	90.1	—
1997	0.27	87.4	—
1998	0.27	90.8	—
1999	0.26	89.7	—
2000	0.26	89.3	—
2001	0.25	89.3	—
2002	0.24	84.2	—
2003	0.23	82.6	—
2004	0.23	84.8	—
2005	0.22	81.7	—
2006	0.22	81.8	—

See notes at end of table.

**Table C-6. Standard errors for table 7: Status dropout rates, number of status dropouts, and population of 16- through 24-year-olds: October 1972 through October 2009—Continued**

Year	Status dropout rate (percent)	Number of status dropouts (thousands)	Population (thousands)
2007	0.21	79.8	—
2008	0.20	76.8	—
2009	0.20	77.0	—

— Not available.

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-7. Standard errors for table 8: Status dropout rates of 16- through 24-year-olds, by sex and race/ethnicity: October 1972 through October 2009**

Year	Total (percent)	Sex (percent)		Race/ethnicity (percent)		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
1972	0.28	0.40	0.39	0.29	1.07	2.22
1973	0.27	0.38	0.38	0.28	1.06	2.24
1974	0.27	0.39	0.38	0.28	1.05	2.08
1975	0.27	0.37	0.38	0.27	1.06	2.02
1976	0.26	0.38	0.37	0.28	1.01	2.01
1977	0.27	0.38	0.37	0.28	1.00	2.02
1978	0.27	0.38	0.37	0.28	1.00	2.00
1979	0.27	0.39	0.37	0.28	1.01	1.98
1980	0.26	0.39	0.36	0.27	0.97	1.89
1981	0.26	0.38	0.35	0.27	0.93	1.80
1982	0.27	0.40	0.38	0.29	0.98	1.93
1983	0.27	0.41	0.37	0.29	0.97	1.93
1984	0.27	0.40	0.37	0.29	0.92	1.91
1985	0.27	0.40	0.37	0.29	0.92	1.93
1986	0.27	0.40	0.37	0.28	0.90	1.88
1987	0.28	0.40	0.38	0.30	0.91	1.84
1988	0.30	0.44	0.42	0.32	1.00	2.30
1989	0.31	0.45	0.42	0.32	0.98	2.19
1990	0.29	0.42	0.41	0.30	0.94	1.91
1991	0.30	0.43	0.41	0.31	0.95	1.93
1992	0.28	0.41	0.39	0.29	0.95	1.86
1993	0.28	0.40	0.40	0.29	0.94	1.79
1994	0.26	0.38	0.36	0.27	0.75	1.16
1995	0.27	0.38	0.37	0.28	0.74	1.15
1996	0.27	0.36	0.36	0.26	0.75	1.13
1997	0.27	0.39	0.36	0.28	0.80	1.11
1998	0.27	0.40	0.36	0.28	0.81	1.12
1999	0.26	0.38	0.36	0.27	0.77	1.11
2000	0.26	0.38	0.35	0.26	0.78	1.08
2001	0.25	0.38	0.34	0.26	0.71	1.06
2002	0.24	0.35	0.32	0.24	0.70	0.93
2003	0.23	0.34	0.30	0.24	0.69	0.90
2004	0.23	0.34	0.31	0.24	0.70	0.89
2005	0.22	0.33	0.29	0.23	0.66	0.87
2006	0.22	0.33	0.30	0.23	0.66	0.86

See notes at end of table.

**Table C-7. Standard errors for table 8: Status dropout rates of 16- through 24-year-olds, by sex and race/ethnicity: October 1972 through October 2009—Continued**

Year	Total (percent)	Sex (percent)		Race/ethnicity (percent)		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
2007	0.21	0.32	0.29	0.22	0.59	0.83
2008	0.20	0.30	0.28	0.21	0.63	0.78
2009	0.20	0.31	0.27	0.21	0.61	0.76

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-8. Standard errors for table 9: Status completion rates, and number and distribution of completers ages 18–24 not currently enrolled in high school or below, by selected characteristics: October 2009**

Characteristic	Completion rate (percent)	Number of completers (thousands)	Population (thousands)	Percent of all completers	Percent of population
<b>Total</b>	<b>0.27</b>	<b>72.6</b>	—	†	†
Sex					
Male	0.40	54.9	—	0.47	0.44
Female	0.35	48.3	—	0.47	0.44
Race/ethnicity					
White, non-Hispanic	0.27	45.8	—	0.45	0.43
Black, non-Hispanic	0.84	32.1	—	0.34	0.32
Hispanic	1.00	48.8	—	0.38	0.38
Asian/Pacific Islander, non-Hispanic	0.89	10.5	—	0.21	0.19
American Indian/Alaska Native, non-Hispanic	4.47	7.8	—	†	†
Two or more races, non-Hispanic	2.18	10.6	—	†	†
Age					
18–19	0.55	38.2	—	0.40	0.38
20–21	0.50	39.2	—	0.42	0.40
22–24	0.39	48.6	—	0.46	0.44
Recency of immigration					
Born outside the 50 states and District of Columbia					
Hispanic	1.88	34.1	—	0.22	0.25
Non-Hispanic	0.99	14.9	—	0.22	0.20
First generation					
Hispanic	1.49	25.3	—	0.25	0.24
Non-Hispanic	0.74	13.3	—	0.24	0.22
Second generation or higher					
Hispanic	1.53	20.6	—	0.22	0.22
Non-Hispanic	0.28	53.8	—	0.42	0.40
Disability					
With a disability	1.90	17.9	—	0.16	0.16
Without a disability	0.27	70.8	—	0.16	0.16

See notes at end of table.

**Table C-8. Standard errors for table 9: Status completion rates, and number and distribution of completers ages 18–24 not currently enrolled in high school or below, by selected characteristics: October 2009—Continued**

Characteristic	Completion rate (percent)	Number of completers (thousands)	Population (thousands)	Percent of all completers	Percent of population
Geographic region					
Northeast	0.62	30.1	—	0.37	0.35
Midwest	0.58	34.5	—	0.40	0.38
South	0.47	46.1	—	0.46	0.44
West	0.56	37.7	—	0.40	0.38

— Not available.

† Not applicable. Either the corresponding statistic refers to the total population, which is, by definition, 100 percent of the distribution, or reporting standards are not met because the coefficient of variation (CV) for this estimate is 50 percent or greater.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table C-9. Standard errors for table 10: Status completion rates, number of completers, and population of 18- through 24-year-olds not currently enrolled in high school or below: October 1972 through October 2009**

Year	Completion rate (percent)	Number of completers (thousands)	Population (thousands)
1972	0.32	82.8	—
1973	0.31	82.3	—
1974	0.31	83.3	—
1975	0.30	83.8	—
1976	0.30	85.3	—
1977	0.30	94.5	—
1978	0.30	87.4	—
1979	0.30	88.9	—
1980	0.30	87.5	—
1981	0.29	88.9	—
1982	0.31	93.1	—
1983	0.31	92.2	—
1984	0.31	89.8	—
1985	0.31	86.6	—
1986	0.31	85.1	—
1987	0.32	86.0	—
1988	0.36	93.7	—
1989	0.36	91.7	—
1990	0.34	86.5	—
1991	0.34	84.4	—
1992	0.33	82.3	—
1993	0.34	82.1	—
1994	0.34	79.8	—
1995	0.35	80.3	—
1996	0.35	80.9	—
1997	0.35	82.3	—
1998	0.36	85.8	—
1999	0.34	83.8	—
2000	0.33	83.4	—
2001	0.33	83.4	—
2002	0.31	79.8	—
2003	0.30	78.6	—
2004	0.30	80.3	—
2005	0.30	78.0	—
2006	0.29	77.8	—

See notes at end of table.



**Table C-9. Standard errors for table 10: Status completion rates, number of completers, and population of 18- through 24-year-olds not currently enrolled in high school or below: October 1972 through October 2009—Continued**

Year	Completion rate (percent)	Number of completers (thousands)	Population (thousands)
2007	0.28	75.2	—
2008	0.27	72.6	—
2009	0.27	73.2	—

— Not available.

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-10. Standard errors for table 11: Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by sex and race/ethnicity: October 1972 through October 2009**

Year	Total (percent)	Sex (percent)		Race/ethnicity (percent)		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
1972	0.32	0.51	0.48	0.33	1.20	1.83
1973	0.31	0.49	0.47	0.31	1.17	1.83
1974	0.31	0.49	0.46	0.31	1.17	1.70
1975	0.30	0.47	0.46	0.30	1.18	1.72
1976	0.30	0.48	0.45	0.31	1.12	1.68
1977	0.30	0.49	0.45	0.31	1.12	1.66
1978	0.30	0.48	0.45	0.31	1.11	1.61
1979	0.30	0.49	0.45	0.31	1.11	1.58
1980	0.30	0.48	0.43	0.30	1.07	1.51
1981	0.29	0.48	0.43	0.30	1.02	1.46
1982	0.31	0.49	0.45	0.32	1.06	1.57
1983	0.31	0.50	0.45	0.32	1.06	1.59
1984	0.31	0.49	0.45	0.32	0.99	1.54
1985	0.31	0.49	0.44	0.32	1.00	1.58
1986	0.31	0.50	0.45	0.32	0.99	1.51
1987	0.32	0.51	0.47	0.34	0.99	1.47
1988	0.36	0.57	0.51	0.36	1.13	1.78
1989	0.36	0.57	0.51	0.37	1.11	1.73
1990	0.34	0.53	0.50	0.34	1.03	1.54
1991	0.34	0.55	0.50	0.35	1.06	1.53
1992	0.33	0.53	0.49	0.33	1.07	1.53
1993	0.34	0.53	0.50	0.35	1.07	1.49
1994	0.34	0.49	0.45	0.34	1.02	1.43
1995	0.35	0.50	0.47	0.36	1.01	1.40
1996	0.35	0.50	0.48	0.34	1.08	1.49
1997	0.35	0.51	0.47	0.36	1.10	1.42
1998	0.36	0.53	0.47	0.36	1.11	1.37
1999	0.34	0.50	0.46	0.34	1.04	1.39
2000	0.33	0.49	0.44	0.33	1.01	1.36
2001	0.33	0.50	0.43	0.34	0.97	1.31
2002	0.31	0.46	0.41	0.31	0.95	1.15
2003	0.30	0.46	0.40	0.31	0.96	1.15
2004	0.30	0.46	0.40	0.31	0.98	1.12
2005	0.30	0.45	0.38	0.30	0.91	1.12
2006	0.29	0.48	0.44	0.36	1.03	1.10

See notes at end of table.

**Table C-10. Standard errors for table 11: Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by sex and race/ethnicity: October 1972 through October 2009—Continued**

Year	Total (percent)	Sex (percent)		Race/ethnicity (percent)		
		Male	Female	White, non- Hispanic	Black, non- Hispanic	Hispanic
2007	0.28	0.42	0.37	0.28	0.80	1.07
2008	0.27	0.39	0.37	0.26	0.86	1.03
2009	0.27	0.40	0.35	0.27	0.84	1.00

NOTE: Some of the standard error estimates in this table may differ from those previously published due to changes in the generalized variance parameters developed by the U.S. Census Bureau.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1972–2009.

**Table C-11. Standard errors for figure 3: Status dropout rates of 16- through 24-year-olds, by race/ethnicity and sex: October 2009**

	Male	Female
<b>Total</b>	<b>0.31</b>	<b>0.27</b>
Race/ethnicity		
White, non-Hispanic	0.33	0.27
Black, non-Hispanic	0.93	0.80
Hispanic	1.10	1.06
Asian/Pacific Islander, non-Hispanic	0.99	1.02
American Indian/Alaska Native, non-Hispanic	4.59	4.69
Two or more races, non-Hispanic	1.86	2.10

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.

**Table C-12. Standard errors for figure 5: Status completion rates of 18- through 24-year-olds not currently enrolled in high school or below, by race/ethnicity and sex: October 2009**

	Male	Female
<b>Total</b>	<b>0.40</b>	<b>0.35</b>
Race/ethnicity		
White, non-Hispanic	0.42	0.34
Black, non-Hispanic	1.31	1.09
Hispanic	1.43	1.40
Asian/Pacific Islander, non-Hispanic	1.27	1.25
American Indian/Alaska Native, non-Hispanic	6.06	6.50
Two or more races, non-Hispanic	3.00	3.16

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009.