Federal Interagency Forum on Child and Family Statistics

America's Children: Key National Indicators of Well-Being, 2011

Forum on Child and Family Statistics

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The Federal Interagency Forum on Child and Family Statistics was founded in 1994. Executive Order No. 13045 formally established the Forum in April 1997 to foster coordination and collaboration in the collection and reporting of Federal data on children and families. Agencies that are members of the Forum as of Spring 2011 are listed below.

Department of Agriculture
Economic Research Service
http://www.ers.usda.gov

Department of Commerce
U.S. Census Bureau
http://www.census.gov

Department of Defense
Office of the Deputy Under Secretary of Defense, Military Community and Family Policy
http://prhome.defense.gov/mcfp

Department of Education
National Center for Education Statistics
http://nces.ed.gov

Department of Health and Human Services
Administration for Children and Families
http://www.acf.hhs.gov

Agency for Healthcare Research and Quality
http://www.ahrq.gov

Eunice Kennedy Shriver National Institute of Child Health and Human Development
http://www.nichd.nih.gov

Maternal and Child Health Bureau
http://www.mchb.hrsa.gov

National Center for Health Statistics
http://www.cdc.gov/nchs

National Institute of Mental Health
http://www.nimh.nih.gov

Office of the Assistant Secretary for Planning and Evaluation
http://aspe.hhs.gov

Office of Adolescent Health
http://www.hhs.gov/ash/oah/

Substance Abuse and Mental Health Services Administration
http://www.samhsa.gov

Department of Housing and Urban Development
Office of Policy Development and Research
http://www.huduser.org

Department of Justice
Bureau of Justice Statistics
http://www.ojp.usdoj.gov/bjs

National Institute of Justice
http://www.ojp.usdoj.gov/nij

Office of Juvenile Justice and Delinquency Prevention
http://www.ojjdp.ncjrs.gov

Department of Labor
Bureau of Labor Statistics
http://www.bls.gov

Women's Bureau
http://www.dol.gov/wb

Department of Transportation
National Highway Traffic Safety Administration
http://www.nhtsa.dot.gov

Environmental Protection Agency
Office of Children's Health Protection
http://www.epa.gov/children/

Office of Management and Budget
Statistical and Science Policy Office
http://www.whitehouse.gov/omb/inforeg_statpolicy

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Foreword

Seventeen years ago, the Office of Management and Budget (OMB) joined with six other Federal agencies to create the Federal Interagency Forum on Child and Family Statistics. Formally chartered in April 1997 through Executive Order No. 13045, the Forum's mission is to develop priorities for collecting enhanced data on children and youth, improve the communication of information on the status of children to the policy community and the general public, and produce more complete data on children at the Federal, state, and local levels. Today the Forum, which now has participants from 22 Federal agencies and partners in several private research organizations, fosters coordination, collaboration, and integration of Federal efforts to collect and report data on children and families and calls attention to needs for new data about them.

America's Children: Key National Indicators of Well-Being, 2011 is a compendium of indicators depicting both the promises and the challenges confronting our Nation's young people. The report, the 15th in an ongoing series, presents 41 key indicators on important aspects of children's lives. These indicators are drawn from our most reliable statistics, are easily understood by broad audiences, are objectively based on substantial research, are balanced so that no single area of children's lives dominates the report, are measured regularly so that they can be updated to show trends over time, and are representative of large segments of the population rather than one particular group.

This year's report continues to present key indicators in seven domains: family and social environment, economic circumstances, health care, physical environment and safety, behavior, education, and health. The report incorporates several modifications that reflect the Forum's efforts to improve its quality and comprehensiveness. In addition to updating data sources and substantively expanding several indicators, the report presents a special feature on adoption.

Each volume of *America's Children* also spotlights critical data gaps and challenges Federal statistical agencies to do better. Forum agencies are meeting that challenge by working to provide more comprehensive and consistent information on the condition and progress of our Nation's children. Since the last full report was issued in 2009, Forum agencies have continued efforts to strengthen some indicators and to close critical data gaps, particularly in areas such as disability, mental health, and environmental quality. In addition, the Forum's Research and Innovation Committee is examining innovative ways of addressing existing gaps in our systems of collecting, reporting, and disseminating information on children and families.

The value of the *America's Children* series and the extraordinary cooperation these reports represent reflect the Forum's determination to help better understand the well-being of our children today and what may bring them a better tomorrow. The Forum agencies should be congratulated once again for developing such a comprehensive set of indicators and ensuring they are readily accessible in both content and format. The report is an excellent reflection of the dedication of the Forum agency staff members who assess data needs, strive to make data presentations more consistent, and work together to produce this substantial and important publication. Last but not least, none of this work would be possible without the continued cooperation of millions of American citizens who willingly provide the data that are summarized and analyzed by Federal statistical agencies. We invite you to suggest ways we can enhance this portrait of the Nation's most valuable resource: its children. I applaud the Forum's collaborative efforts in producing this report and hope that our compendium will continue to be useful in your work.

Katherine K. Wallman
Chief Statistician
Office of Management and Budget

Acknowledgments

This report reflects the commitment of the members of the Federal Interagency Forum on Child and Family Statistics. The report was written by the staff of the Forum, including Traci Cook, Forum Coordinator, and Dara Blachman, former Forum Coordinator; Jane Dye and Suzanne Macartney, Census Bureau; Susan Lukacs and LaJeana Howie, National Center for Health Statistics; Grace Kena and William Sonnenberg, National Center for Education Statistics; Daniel Axelrad, Environmental Protection Agency; Barry Steffen, Department of Housing and Urban Development; Jennifer Truman, Bureau of Justice Statistics; Jessica Cotto, National Institute on Drug Abuse; Susan Jekielek and Mary Mueggenborg, Administration for Children and Families; Alisha Coleman-Jensen, Economic Research Service; Stephanie Denton, Bureau of Labor Statistics; Shelli Avenevoli, National Institute of Mental Health; James Singleton and Cindi Knighton, Centers for Disease Control and Prevention; Beth Han, Substance Abuse and Mental Health Services Administration; Kellie O'Connell, Patricia Guenther, Hazel Hiza, Kevin Kuczynski, and Kristin Koegel, Center for Nutrition Policy and Promotion; and Laura Radel, Office of the Assistant Secretary for Planning and Evaluation, Health and Human Services.

In addition to the report authors, active members of the Reporting Committee who guided development of the report included Laura Chadwick, Office of the Assistant Secretary for Planning and Evaluation; Shelly Wilkie Martinez, Office of Management and Budget; Matthew Davis and Gregory Miller, Environmental Protection Agency; Carrie Mulford, National Institute of Justice; Robert Kominski, Census Bureau; Jeffrey Evans and Regina Bures, *Eunice Kennedy Shriver* National Institute of Child Health and Human Development; Ingrid Goldstrom, Substance Abuse and Mental Health Services Administration; Janet Chiancone and Kristen Kracke, Office of Juvenile Justice and Delinquency Prevention; Jessica Jones, Maternal and Child Health Bureau; and Chou-Lin Chen, National Highway Traffic Safety Administration.

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About This Report

The Federal Interagency Forum on Child and Family Statistics' primary mission is to enhance the practice of and improve consistency in data collection and reporting on children and families. *America's Children: Key National Indicators of Well-Being, 2011* provides the Nation with a summary of national indicators of children's well-being and monitors changes in these indicators. The purposes of the report are to improve Federal data on children and families and make these data available in an easy-to-use, non-technical format, as well as to stimulate discussions among policymakers and the public and spur exchanges between the statistical and policy communities.

Conceptual Framework for *America's Children*

There are many interrelated aspects of children's well-being, and only selected facets can be included in this report. This report draws on various overarching frameworks to identify seven major domains that characterize the well-being of a child and that influence the likelihood that a child will grow to be a well-educated, economically secure, productive, and healthy adult. The seven domains are family and social environment, economic circumstances, health care, physical environment and safety, behavior, education, and health. These domains are interrelated and can have synergistic effects on well-being.

As described below, each section of the report corresponds to one of the seven domains and includes a set of key indicators. These indicators either characterize an aspect of well-being or an influence on well-being. The report does not distinguish between these two types of indicators, nor does it address the relationships between them. Yet all the indicators are important in assessing the well-being of children.

- *Family and Social Environment* includes indicators that characterize or are related to children's family lives and social settings.
- *Economic Circumstances* includes indicators that characterize or are related to children's basic material needs.
- *Health Care* includes indicators that characterize determinants of, or use of, health services among children.
- *Physical Environment and Safety* includes indicators that characterize children's environmental conditions or are related to children's safety.
- *Behavior* includes indicators that characterize personal behaviors and their effects.
- *Education* includes indicators that characterize or are related to how children learn and progress in school.
- *Health* includes indicators that characterize or are related to physical, mental, and social aspects of children's health.

Structure of the Report

America's Children: Key National Indicators of Well-Being, 2011 presents a set of key indicators that measure important aspects of children's lives and are collected regularly, reliably, and rigorously by Federal agencies. The Forum chose these indicators through careful examination of available data. In determining this list of key indicators, the Forum sought input from the Federal policymaking community, foundations, academic researchers, and state and local children's service providers. These indicators were chosen because they meet the following criteria:

- *Easy to understand* by broad audiences;
- *Objectively based* on substantial research connecting them to child well-being and easily estimated using reliable data;
- *Balanced,* so that no single area of children's lives dominates the report;
- *Measured regularly,* so that they can be updated and show trends over time; and
- *Representative* of large segments of the population, rather than one particular group.

America's Children: Key National Indicators of Well-Being, 2011 is designed as a gateway to complement other, more technical or comprehensive reports produced by several Forum agencies. The report not only provides indicators covering seven domains of child well-being, but also includes supplementary information. Appendix A, Detailed Tables, presents tabulated data for each measure and additional details not discussed in the main body of the report. Appendix B, Data Source Descriptions, describes the sources and surveys used to generate the demographic background measures and the indicators.

In addition, this year's report contains a special feature section which offers an opportunity to present additional measures that are not available with sufficient frequency to be considered as regular key indicators or provide more detailed information about a particular topic. The Special Feature for this year's report is Adoption. This feature highlights data from two different surveys conducted by Forum agencies and represents a unique collaboration.

Changes to This Year's Report

Wherever possible, we have updated indicators with the latest available data for *America's Children: Key National Indicators of Well-Being, 2011.* In addition, this year's report includes a new indicator on teen immunizations that will allow us to track newly recommended adolescent vaccines. Two of the figures for the child care indicator are new this year in order to allow us to continue to provide data on this critical aspect of children's lives while one of the existing data source surveys is undergoing a major revision. The Forum has also worked to enhance the report by revising certain indicators to reflect improvements in the availability of data sources, substantive expansion of the indicator, or clarification of the concept being measured. Specifically, the outdoor air quality data source was updated and the indicator was separated into two (air quality and environmental tobacco smoke), the food security indicator was renamed food insecurity, and an inset figure was added to the education indicator to display 12th-grade mathematics achievement scores by race and ethnicity. The Forum continues to strive to demonstrate greater consistency and standardization in the presentation of information in this report.

Data on Race and Ethnicity and Poverty Status

Most indicators in *America's Children* include data tabulated by race and ethnicity. In 1997, the Office of Management and Budget (OMB) issued revised standards for data on race and ethnicity (http://www.whitehouse.gov/omb/fedreg/1997standards.html). These revised standards included two changes that had a direct effect on many of the indicators in this report, particularly with respect to trend analyses. First, the number of racial categories expanded from four (White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander) to five (White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander). Second, respondents were given the opportunity to select multiple races. Additionally, the standards continued to require data on ethnicity in two categories: Hispanic or Latino and Not Hispanic or Latino.

The data collection systems used in this report implemented these revised standards at different times, and some indicators have more detailed data on race and ethnicity than others. Yet, where feasible, we utilize the 1997 OMB standards for race and ethnicity in this report. Detailed information on data collection methods for race and ethnicity is provided in footnotes at the end of each table, and additional information can be found in the Data Source Descriptions section. The Forum strives to consistently report racial and ethnic data across indicators for clarity and continuity.

Many indicators in this report also include data tabulated by family income and poverty status. All poverty calculations in this report are based on the OMB's Statistical Policy Directive 14, which is the official poverty measurement standard for the United States. A family is considered to be living below the poverty level if its before-tax cash income is below a defined level of need, called a poverty threshold. Poverty thresholds are updated annually and vary based on family size and composition. Detailed information about children's poverty status can be found in the Child Poverty and Family Income indicator (ECON1). In addition, where feasible, other indicators present data by poverty status, utilizing the following categories: families with incomes less than 100 percent of the poverty line, families with incomes between 100 and 199 percent of the poverty line (low income), and families with incomes 200 percent or more of the poverty line (medium and high income). The Forum continues to work on reporting consistent data on family income and poverty status across indicators for clarity and continuity.

Indicators Needed

The Forum presents child well-being data in need of development at the end of each section of the report. The lists include many important aspects of children's lives for which regular indicators are lacking or are in development, such as early childhood development, long-term poverty, disability, and social connections and engagement.

In some areas, the Forum is exploring ways to collect new measures and improve existing ones. In others, Forum agencies have successfully fielded surveys incorporating some new measures, but data are not yet available on a regular basis for monitoring purposes.

For Further Information

There are several useful places to obtain additional information on each of the indicators found in this report, including the tables, data source descriptions, and a Web site.

Tables

For many of the indicators, Appendix A, Detailed Tables, contains additional details not discussed in the main body of the report. When available and feasible to report, tables show data by the following categories: gender, age, race and Hispanic origin, poverty status, parental education, region of the country, and family structure.

Data Source Descriptions

Appendix B, Data Source Descriptions, contains information on and descriptions of the sources and surveys used to generate the indicators, as well as information on how to contact the agency responsible for collecting the data or administering the relevant survey.

It is also important to note that numerous publications of the Federal statistical agencies provide additional details about indicators in this report and on other areas of child well-being. Two such reports include *The Condition of Education* (http://www.nces.ed.gov/programs/coe), published annually by the National Center for Education Statistics, and *Health, United States* (http://www.cdc.gov/nchs/hus.htm), published annually by the National Center for Health Statistics.

Web Site

Finally, the Forum's Web site, http://childstats.gov, contains data tables, links to previous reports, links for ordering reports, and additional information about the Forum. The Web site provides downloadable tables (in Microsoft Excel® format) when available, along with additional years of data that cannot all be shown in the printed report. The Web site also provides links to previous *America's Children* reports (from 1997 to 2010), which are available in PDF format.

Highlights

America's Children: Key National Indicators of Well-Being, 2011 continues a series of annual reports to the Nation on conditions affecting children in the United States. Three demographic background measures and 41 selected indicators describe the population of children and depict child well-being in the areas of family and social environment, economic circumstances, health care, physical environment and safety, behavior, education, and health. This year's report has a special feature on adoption. Highlights from each section follow.

Demographic Background

- In 2010, there were 74.2 million children ages 0–17 in the United States, or 24 percent of the population.
- The racial and ethnic diversity of America's children has grown dramatically in the last three decades and will continue to grow. In 2023, fewer than half of all children are projected to be White, non-Hispanic. By 2050, 39 percent of U.S. children are projected to be Hispanic (up from 23 percent in 2010), and 38 percent are projected to be White, non-Hispanic (down from 54 percent in 2010).

Family and Social Environment

- In 2010, 66 percent of children ages 0–17 lived with two married parents, down from 67 percent in 2009 and 77 percent in 1980. In 2010, 3 percent of children lived with their own unmarried, cohabiting parents, 23 percent lived with only their mothers, 3 percent lived with only their fathers, and 4 percent lived with neither of their parents.
- Among the 3.0 million children not living with either parent in 2010, 54 percent lived with grandparents, 21 percent lived with other relatives, and 24 percent lived with nonrelatives.
- Overall, the percentage of all children living in the United States with at least one foreign-born parent rose from 15 percent in 1994 to 23 percent in 2010.
- About 6 percent of school-age children spoke a language other than English at home and lived in a linguistically isolated household in which all persons age 14 or over speak a language other than English at home and no person age 14 or over speaks English "Very well."
- There were 50.6 births for every 1,000 unmarried women ages 15–44 in 2009; 41 percent of all births were to unmarried women.
- In 2009, the adolescent birth rate was 20.1 per 1,000 adolescents ages 15–17, lower than the 2008 rate of 21.7 and the 2007 rate of 22.1 per 1,000. The rate has decreased for two consecutive years, continuing a decline briefly interrupted in 2005–2007; the long-term reduction began 1991–1992.
- Younger children are more frequently victims of child maltreatment than are older children. In 2009, there were 21 substantiated child maltreatment reports per 1,000 children under age 1, compared with 12 for children ages 1–3, 11 for children ages 4–7, 9 for children ages 8–11, 8 for children ages 12–15, and 6 for adolescents ages 16–17.

Economic Circumstances

- In 2009, 21 percent of all children ages 0–17 (15.5 million) lived in poverty. This is up from the low of 16 percent in 2000 and 2001. The poverty rate for all children increased from 18 percent in 2007 to 19 percent in 2008 to 21 percent in 2009. This trend is consistent with expectations related to the recent economic downturn.
- The percentage of children who had at least one parent working year round, full time was 72 percent in 2009 (the lowest percentage since 1994), down from 75 percent in 2008.

Health Care

- In 2009, 90 percent of children had health insurance coverage at some point during the year, a percentage not statistically different from 2008. The number of children without health insurance at any time during 2009 was 7.5 million (10 percent of all children).
- Adolescent vaccination coverage with 1 dose (or more) of the Tdap (tetanus-diphtheria-acellular pertussis) vaccine increased from 30 percent in 2007 to 56 percent in 2009, and coverage with 1 dose (or more) of the meningococcal conjugate vaccine increased from 32 percent in 2007 to 54 percent in 2009.

Physical Environment and Safety

- In 2009, 59 percent of children lived in counties in which one or more air pollutants were above allowable levels of the Primary National Ambient Air Quality Standards, compared with 69 percent in 2008.
- The percentage of children served by community drinking water systems that did not meet all applicable Federal health-based standards has fluctuated between 5 and 13 percent since 1999, and was 7 percent in 2009.
- For 2005–2008, the sample of children was too small to provide a statistically reliable estimate of the percentage of children with a blood lead level greater than 10 μg/dL. About 32 percent of Black, non-Hispanic children, 16 percent of Mexican American children, and 12

percent of White, non-Hispanic children had blood lead levels at or above 2.5 µg/dL in 2005–2008.

- In 2009, 45 percent of U.S. households (both owners and renters) with children had one or more of three housing problems: physically inadequate housing, crowded housing, or cost burden resulting from housing that costs more than 30 percent of household income. In comparison, 43 percent of households with children had a housing problem in 2007.

Behavior

- Illicit drug use in the past 30 days increased among 8th-grade students, rising from 8 percent in 2009 to almost 10 percent in 2010.

Education

- The average 8th-grade National Assessment of Educational Progress (NAEP) mathematics score in 2009 was higher than the scores in all previous assessment years and 2 points higher than the score in 2007.
- In an average week during the 2010 school year, 9 percent of youth ages 16–19 were neither enrolled in school nor working. Black, non-Hispanic youth and Hispanic youth are more likely to be neither enrolled in school nor working than White, non-Hispanic youth.
- In 2009, 90 percent of young adults ages 18–24 had completed high school with a diploma or an alternative credential such as a General Educational Development (GED) certificate.
- In 2009, 70 percent of high school completers enrolled immediately in a 2-year or 4-year college.

Health

- The percentage of infants born preterm declined for the third straight year in 2009, to 12.2 percent, down from a high of 12.8 percent in 2006. The percentage of infants born with low birthweight did not change between 2008 and 2009.
- In 2007–2008, 19 percent of children ages 6–17 were obese, which was not statistically different from the percentage in 2005–2006.
- About 10 percent of children were reported to currently have asthma in 2009. This percentage includes children with active asthma symptoms and those whose asthma is well controlled. From 2001 to 2009, there was an increasing trend in the percentage of children reported to currently have asthma.

Adoption

- As of 2008, approximately 2.5 percent of U.S. children had joined their families through adoption, including adoptions from foster care, private domestic adoptions, international adoptions, and stepparent adoptions.
- More children adopted from foster care were adopted at older ages than children adopted through other adoption types. Sixty-seven percent of international adoptions and 59 percent of private domestic adoptions occurred before the child was age 2, compared with only 28 percent of foster care adoptions.
- Among adopted children, there were differences in measures of well-being by adoption type. Positive social behaviors were exhibited by 83 percent of children adopted from foster care, compared with 91 percent of children adopted privately within the United States. Ninety-four percent of children adopted from foster care were continuously insured throughout the year, compared with 88 percent of children adopted privately within the United States.

America's Children at a Glance

	Previous Value (Year)	Most Recent Value (Year)	Change Between Years
Demographic Background			
Child population*			
Children ages 0–17 in the United States	74.5 million (2009)	74.2 million (2010)	↓
Children as a percentage of the population*			
Children ages 0–17 in the United States	24.3% (2009)	24.0% (2010)	↓
Racial and ethnic composition*			
Children ages 0–17 by race and ethnic group			
White	75.6% (2009)	// (2010)	//
White, Non-Hispanic	55.3% (2009)	53.5% (2010)	↓
Black	15.1% (2009)	14.0% (2010)	↓
Asian	4.4% (2009)	4.3% (2010)	↓
All other races	4.9% (2009)	5.2% (2010)	↑
Hispanic (of any race)	22.5% (2009)	23.1% (2010)	↑
Family and Social Environment			
Family structure and children's living arrangements			
Children ages 0–17 living with two married parents	67% (2009)	66% (2010)	↓
Births to unmarried women			
Births to unmarried women ages 15–44	53 per 1,000 (2008)	51 per 1,000 (2009)	↓
Births that are to unmarried women among all births	40.6% (2008)	41.0% (2009)	↑
Child care			
Children ages 0–4, with employed mothers, whose primary child care arrangement is with a relative	48% (2005)	48% (2010)	NS
Children ages 3–6, not yet in kindergarten, who were in center-based care arrangements	57% (2005)	55% (2007)	NS
Children of at least one foreign-born parent			
Children ages 0–17 living with at least one foreign-born parent	22% (2008)	23% (2010)	↑
Language spoken at home and difficulty speaking English			
Children ages 5–17 who speak a language other than English at home	20.5% (2008)	21.1% (2009)	↑
Children ages 5–17 who speak a language other than English at home and who have difficulty speaking English	5.1% (2008)	4.9% (2009)	↓
Adolescent births			
Births to females ages 15–17	21.7 per 1,000 (2008)	20.1 per 1,000 (2009)	↓
Child maltreatment**			
Substantiated reports of maltreatment of children ages 0–17	10.3 per 1,000 (2008)	10.1 per 1,000 (2009)	↓

* Population estimates and decennial census counts are not sample derived and thus not subject to statistical testing. Change between years identifies differences in the proportionate size of these estimates as rounded.

** Population estimates are not sample derived and thus not subject to statistical testing. Change between years identifies a difference in the proportionate size of these estimates.

Legend: NS = No statistically significant change ↑ = Statistically significant increase ↓ = Statistically significant decrease
// = Not available at publication time

America's Children at a Glance

	Previous Value (Year)	Most Recent Value (Year)	Change Between Years
Economic Circumstances			
Child poverty and family income			
Related children ages 0–17 in poverty	19% (2008)	20% (2009)	↑
Secure parental employment			
Children ages 0–17 living with at least one parent employed year round, full time	75% (2008)	72% (2009)	↓
Food insecurity			
Children ages 0–17 in households classified by USDA as "food insecure"	22% (2008)	23% (2009)	NS
Health Care			
Health insurance coverage			
Children ages 0–17 covered by health insurance at some time during the year	90% (2008)	90% (2009)	NS
Usual source of health care			
Children ages 0–17 with no usual source of health care	6% (2008)	6% (2009)	NS
Immunization			
Children ages 19–35 months with the 4:3:1:3:3:1 combined series of vaccinations	76% (2008)	70% (2009)	↓
Oral health			
Children ages 5–17 with a dental visit in the past year	84% (2008)	84% (2009)	NS
Physical Environment and Safety			
Outdoor air quality			
Children ages 0–17 living in counties in which levels of one or more air pollutants were above allowable levels	69% (2008)	59% (2009)	↓
Environmental tobacco smoke			
Children ages 4–11 with any detectable blood cotinine level	51% (2005–06)	53% (2007–08)	NS
Drinking water quality			
Children served by community water systems that did not meet all applicable health-based drinking water standards	7% (2008)	7% (2009)	NS
Lead in the blood of children			
Children ages 1–5 with blood lead greater than or equal to 10 μg/dL	2% (1999–2002)	* (2005–2008)	NS
Housing problems			
Households with children ages 0–17 reporting shelter cost burden, crowding, and/or physically inadequate housing	43% (2007)	45% (2009)	↑
Youth victims of serious violent crimes			
Serious violent crime victimization of youth ages 12–17	12 per 1,000 (2008)	10 per 1,000 (2009)	NS
Child injury and mortality			
Injury deaths of children ages 1–4	12 per 100,000 (2008)	11 per 100,000 (2009)	NS
Injury deaths of children ages 5–14	6.1 per 100,000 (2008)	5.7 per 100,000 (2009)	↓

* Percentage is not shown because sample is too small to provide a statistically reliable estimate.

Legend: NS = No statistically significant change ↑ = Statistically significant increase ↓ = Statistically significant decrease

America's Children at a Glance

	Previous Value (Year)	Most Recent Value (Year)	Change Between Years
Physical Environment and Safety—continued			
Adolescent injury and mortality			
Injury deaths of adolescents ages 15–19	44 per 100,000 (2008)	39 per 100,000 (2009)	↓
Behavior			
Regular cigarette smoking			
Students who reported smoking daily in the past 30 days			
8th grade	3% (2009)	3% (2010)	NS
10th grade	6% (2009)	7% (2010)	NS
12th grade	11% (2009)	11% (2010)	NS
Alcohol use			
Students who reported having five or more alcoholic beverages in a row in the past 2 weeks			
8th grade	8% (2009)	7% (2010)	NS
10th grade	18% (2009)	16% (2010)	NS
12th grade	25% (2009)	23% (2010)	↓
Illicit drug use			
Students who reported using illicit drugs in the past 30 days			
8th grade	8% (2009)	10% (2010)	↑
10th grade	18% (2009)	19% (2010)	NS
12th grade	23% (2009)	24% (2010)	NS
Sexual activity			
High school students who reported ever having had sexual intercourse	48% (2007)	46% (2009)	NS
Youth perpetrators of serious violent crimes			
Youth offenders ages 12–17 involved in serious violent crimes	14 per 1,000 (2008)	11 per 1,000 (2009)	NS
Education			
Family reading to young children			
Children ages 3–5 who were read to every day in the last week by a family member	60% (2005)	55% (2007)	↓
Mathematics and reading achievement			
Average mathematics scale score of			
4th-graders (0–500 scale)	240 (2007)	240 (2009)	NS
8th-graders (0–500 scale)	281 (2007)	283 (2009)	↑
12th-graders (0–300 scale)	150 (2005)	153 (2009)	↑
Average reading scale score of			
4th-graders (0–500 scale)	221 (2007)	221 (2009)	NS
8th-graders (0–500 scale)	263 (2007)	264 (2009)	↑
12th-graders (0–500 scale)	286 (2005)	288 (2009)	↑

Legend: NS = No statistically significant change ↑ = Statistically significant increase ↓ = Statistically significant decrease

America's Children at a Glance

	Previous Value (Year)	Most Recent Value (Year)	Change Between Years
Education—continued			
High school academic coursetaking			
High school graduates who completed advanced coursework in			
Mathematics	45% (2000)	49% (2005)	↑
Science	63% (2000)	63% (2005)	NS
English	34% (2000)	31% (2005)	NS
Foreign language	30% (2000)	33% (2005)	↑
High school completion			
Young adults ages 18–24 who have completed high school	90% (2008)	90% (2009)	NS
Youth neither enrolled in school* nor working			
Youth ages 16–19 who are neither enrolled in school nor working	9% (2009)	9% (2010)	NS
College enrollment			
Recent high school completers enrolled in college the October immediately after completing high school	69% (2008)	70% (2009)	NS
Health			
Preterm birth and low birthweight			
Infants less than 37 completed weeks of gestation at birth	12.3% (2008)	12.2% (2009)	↓
Infants weighing less than 5 lb. 8 oz. at birth	8.2% (2008)	8.2% (2009)	NS
Infant mortality			
Deaths before first birthday	6.6 per 1,000 (2008)	6.4 per 1,000 (2009)	↓
Emotional and behavioral difficulties			
Children ages 4–17 reported by a parent to have serious difficulties with emotions, concentration, behavior, or getting along with other people	5% (2008)	5% (2009)	NS
Adolescent depression			
Youth ages 12–17 with past year Major Depressive Episode	8% (2008)	8% (2009)	NS
Activity limitation			
Children ages 5–17 with activity limitation resulting from one or more chronic health conditions	9% (2008)	9% (2009)	NS
Diet quality			
Average diet scores for children ages 2–17	56% (2003–2004)	59% (2007–2008)	NS
Obesity			
Children ages 6–17 who are obese	17% (2005–2006)	19% (2007–2008)	NS
Asthma			
Children ages 0–17 who currently have asthma	9% (2008)	10% (2009)	NS

* School refers to high school and college.

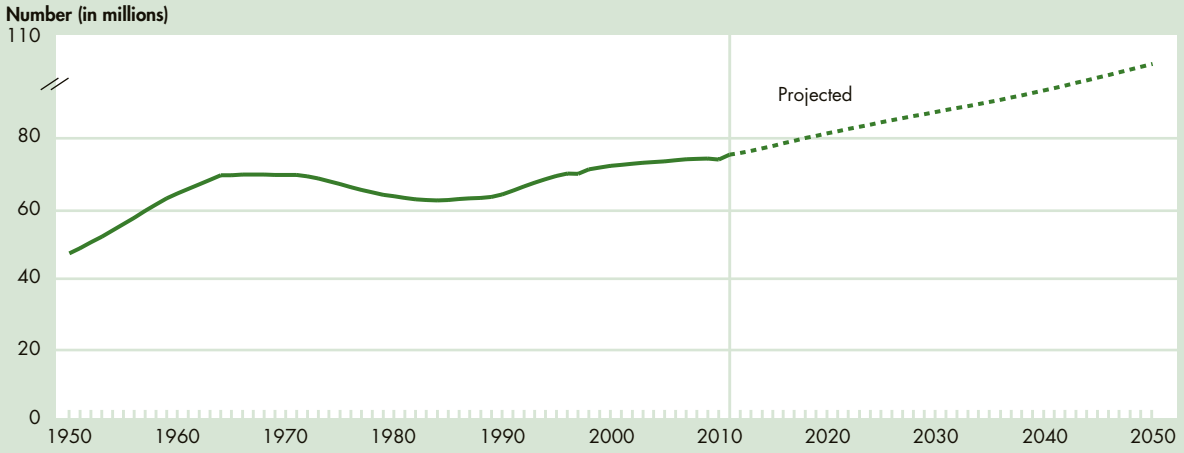
Legend: NS = No statistically significant change ↑ = Statistically significant increase ↓ = Statistically significant decrease

Demographic Background

Understanding the changing demographic characteristics of America's children is critical for shaping social programs and policies. The number of children determines the demand for schools, health care, and other social services that are essential to meet the daily needs of families. While the number of children living in the United States has grown, the ratio of children to adults has decreased. At the same time, the racial and ethnic composition of the Nation's children continues to change. When combined, these measures provide an important context for understanding the indicators presented in this report and provide a glimpse of what the future may be like for American families.

According to the 2010 census, there were 74.2 million children in the United States, 1.9 million more than in 2000. This number is projected to increase to 87.8 million in 2030. There were approximately equal numbers of children in three age groups: 0–5 (25.5 million), 6–11 (24.3 million), and 12–17 (24.8 million) years of age in 2009 (the latest data year available by age at time of publication).

Indicator POP1 **Number of children ages 0–17 in the United States, 1950–2010 and projected 2011–2050**

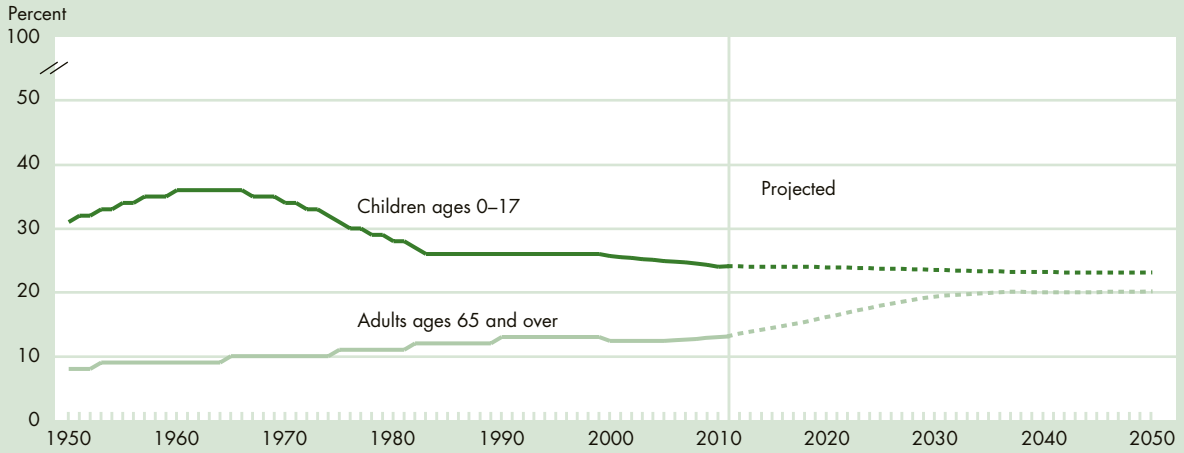


NOTE: Population projections are based on the Census 2000 counts.

SOURCE: U.S. Census Bureau, Decennial Censuses and Population Estimates and Projections.

Since the mid-1960s, children have been decreasing as a proportion of the total U.S. population. In 2010, children made up 24 percent of the population, down from a peak of 36 percent at the end of the "baby boom" (1964). Children's share of the population is projected to remain fairly stable through 2050, when they are projected to make up 23 percent of the population.

Indicator POP2 **Children ages 0–17 and adults ages 65 and older as a percentage of the U.S. population, 1950–2010 and projected 2011–2050**



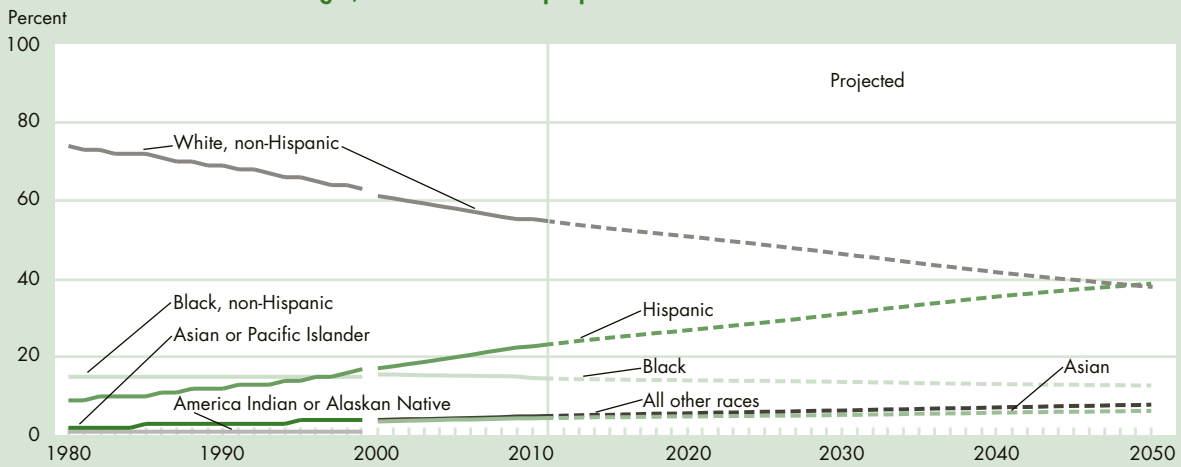
NOTE: Population projections are based on the Census 2000 counts.

SOURCE: U.S. Census Bureau, Decennial Censuses and Population Estimates and Projections.

Racial and ethnic diversity has grown dramatically in the United States in the last three decades. This increased diversity appeared first among children and later in the older population. The population is projected to become even more diverse in the decades to come. In the 2010 census, 54 percent of U.S. children were White, non-Hispanic; 23 percent were Hispanic; 14 percent were Black; 4 percent were Asian; and 5 percent were "All other races."

The percentage of children who are Hispanic has increased faster than that of any other racial or ethnic group, growing from 9 percent of the child population in 1980 to 23 percent in 2010. In 2023, fewer than half of all children are projected to be White, non-Hispanic. By 2050, 39 percent of U.S. children are projected to be Hispanic (up from 23 percent in 2010), and 38 percent are projected to be White, non-Hispanic (down from 54 percent in 2010).

Indicator POP3 **Percentage of children ages 0–17 in the United States by race and Hispanic origin, 1980–2010 and projected 2011–2050**



NOTE: Data from 2000 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately; Hispanics may be any race. In 1980 and 1990, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the decennial census gave respondents the option to identify with one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2000, following the 1997 OMB standards for collecting and presenting data on race, the decennial census gave respondents the option to identify with one or more races from the following: White, Black, Asian, American Indian or Alaska Native, and Native Hawaiian or Other Pacific Islander. In addition, a "Some other race" category was included with OMB approval. Those who chose more than one race were classified as "Two or more races." Except for the "All other races" category, all race groups discussed from 2000 onward refer to people who indicated only one racial identity. (Those who were "Two or more races" were included in the "All other races" category, along with American Indians or Alaska Natives and Native Hawaiians or Other Pacific Islanders.)

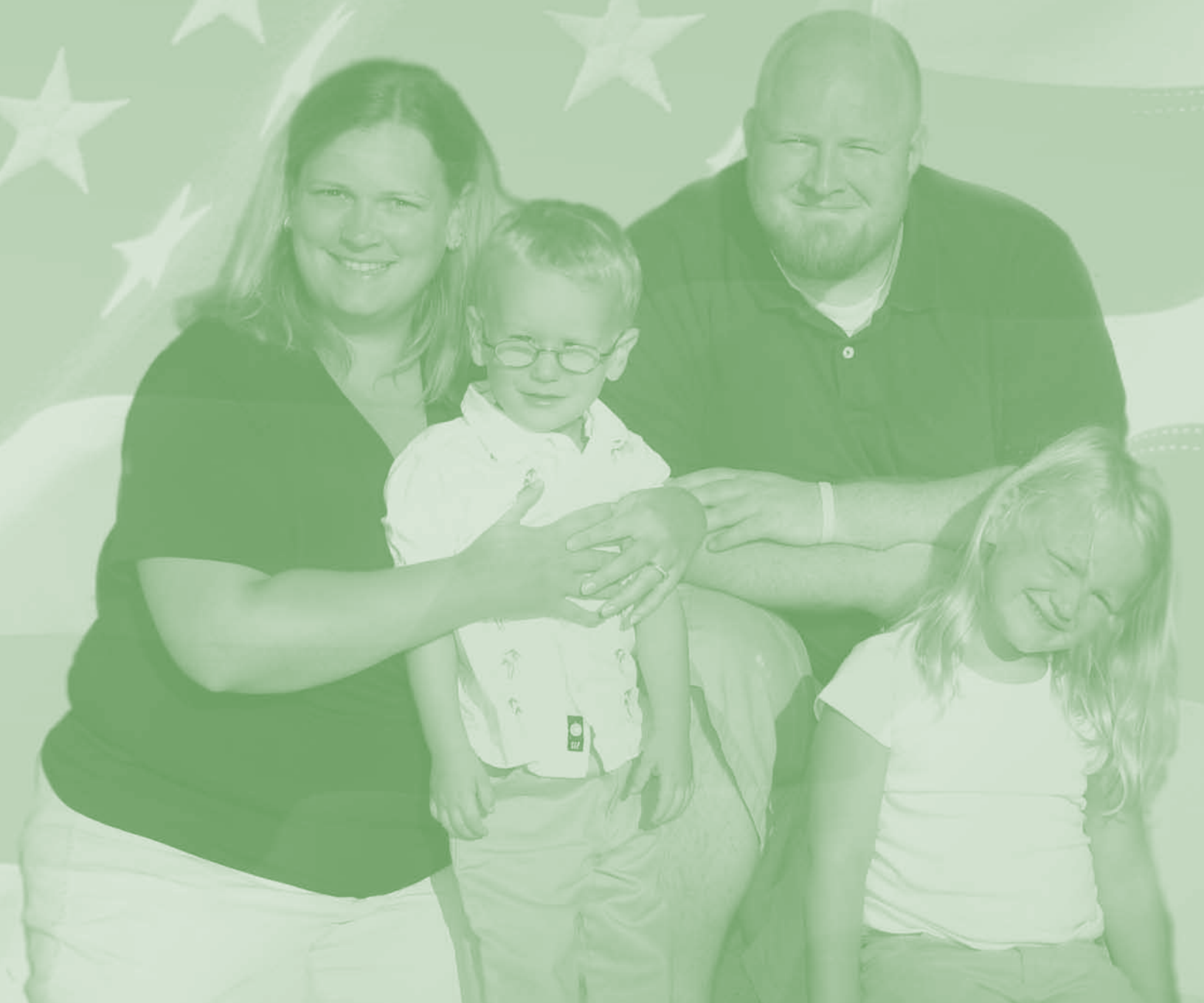
SOURCE: U.S. Census Bureau, Population Estimates and Projections.

Data can be found in Tables POP1–POP3 on pages 93–95.

Indicators of Children's Well-Being

Family and Social Environment

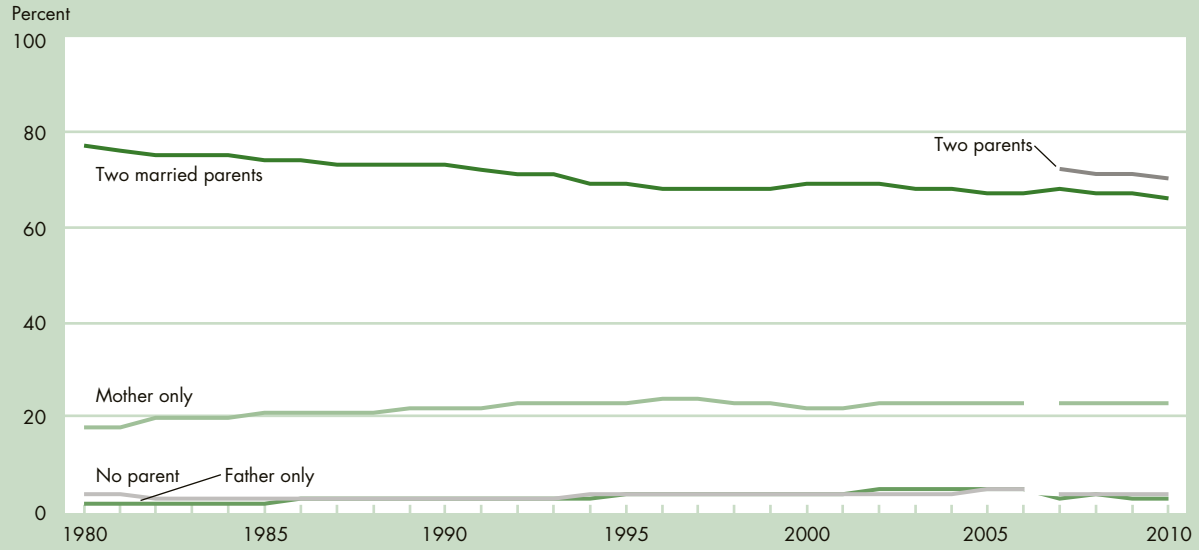
The indicators in this section present data on the composition of children's families and the social environment in which they live. The seven indicators include family structure and children's living arrangements, births to unmarried women, child care, presence of a foreign-born parent, language spoken at home and difficulty speaking English, adolescent births, and child maltreatment.



Family Structure and Children's Living Arrangements

The composition of families is dynamic and has implications for critical parental and economic resources. A long-term shift in family composition has decreased the share of children living with two married parents, while single-parent households have become more common for children.

Indicator FAM1.A **Percentage of children ages 0–17 by presence of parents in household, 1980–2010**



NOTE: Data for 2010 exclude the nearly 290,000 household residents under age 18 who were listed as family reference persons or spouses. Prior to 2007, Current Population Survey (CPS) data identified only one parent on the child's record. This meant that a second parent could only be identified if they were married to the first parent. In 2007, a second parent identifier was added to the CPS. This permits identification of two coresident parents, even if the parents are not married to each other. In this figure, "two parents" reflects all children who have both a mother and father identified in the household, including biological, step, and adoptive parents. Before 2007, "mother only" and "father only" included some children who lived with two unmarried parents. Beginning in 2007, "mother only" and "father only" refer to children for whom only one parent in the household has been identified, whether biological, step, or adoptive.

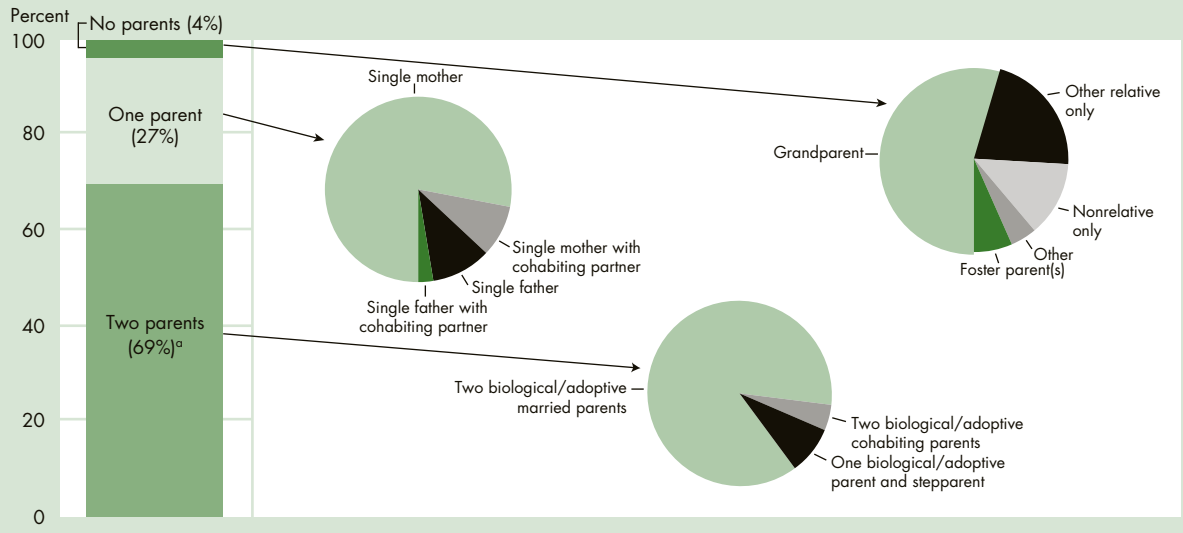
SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements.

- In 2010, 66 percent of children ages 0–17 lived with two married parents, down from 77 percent in 1980.
- In 2010, 23 percent of children lived with only their mothers, 3 percent lived with only their fathers, and 4 percent lived with neither of their parents.[1]
- In 2010, 75 percent of White, non-Hispanic, 61 percent of Hispanic, and 35 percent of Black children lived with two married parents.[2]
- The proportion of Hispanic children living with two married parents decreased from 75 percent in 1980 to 61 percent in 2010.
- Due to improved measurement, it is now possible to identify children living with two parents who are not married to each other. Four percent of all children lived with two unmarried parents in 2010.

For a detailed measure of living arrangements of children, see FAM1.B on page 3.

While most children spend the majority of their childhood living with two parents, some children have other living arrangements. Information about the presence of parents and other adults in the household, such as unmarried partners, grandparents, and other relatives, is important for understanding children's social, economic, and developmental well-being. FAM1.B provides more detail about children's living arrangements and uses information about coresident parents to show detailed parental relationships—biological, step, or adoptive.

Indicator FAM1.B **Percentage of children ages 0–17 living in various family arrangements, 2010**



[a] Includes children living with two stepparents.

NOTE: Data for 2010 exclude the nearly 290,000 household residents under age 18 who were listed as family reference persons or spouses.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement.

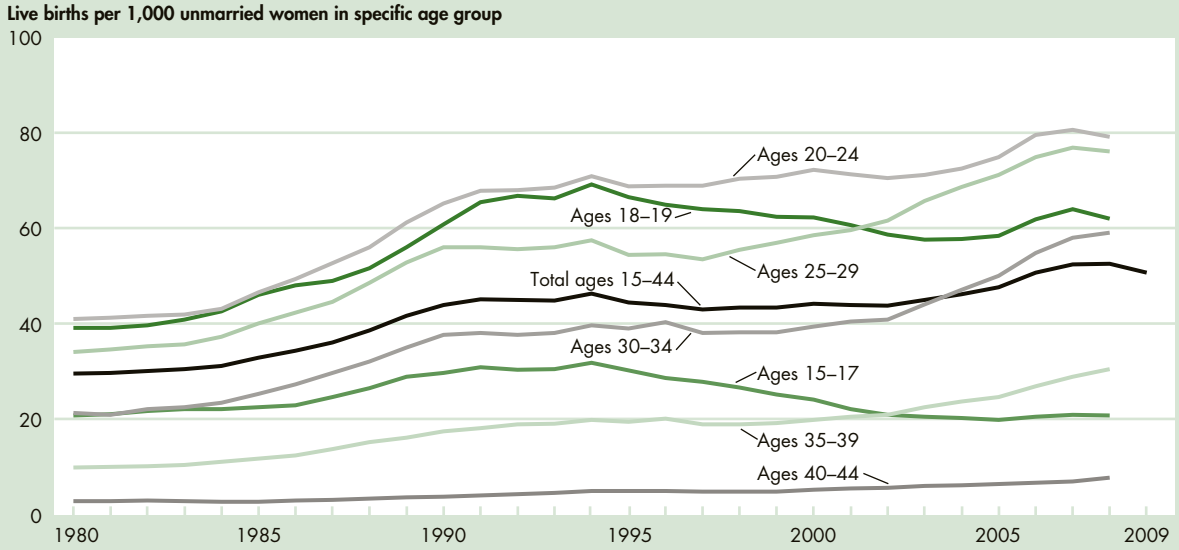
- In 2010, there were about 75 million children ages 0–17. Sixty-nine percent of them lived with two parents (66 percent with two married parents and 3 percent with two biological/adoptive cohabiting parents), 23 percent lived with only their mothers, 3 percent lived with only their fathers, and 4 percent lived with neither of their parents.
- Among children living with two parents, 91 percent lived with both of their biological or adoptive parents, and 9 percent lived with a biological or adoptive parent and a stepparent. About 70 percent of children in stepparent families lived with their biological mother and stepfather.[3]
- About 5 percent of children who lived with two biological or adoptive parents had parents who were not married.
- The majority of children living with one parent lived with their single mother. Some single parents had cohabiting partners. Twenty percent of children living with single fathers and 10 percent of children living with single mothers also lived with their parent's cohabiting partner. Out of all children ages 0–17, 5.0 million (7 percent) lived with a parent or parents who were cohabiting.
- Among the 3.0 million children (4 percent of all children) not living with either parent in 2010, 54 percent (1.7 million) lived with grandparents, 21 percent lived with other relatives only, and 24 percent lived with nonrelatives. Of children in nonrelatives' homes, 27 percent (200,000) lived with foster parents.
- Older children were less likely to live with two parents—65 percent of children ages 15–17 lived with two parents, compared with 68 percent of children ages 6–14 and 73 percent of those ages 0–5. Among children living with two parents, older children were more likely than younger children to live with a stepparent and less likely than younger children to live with cohabiting parents.[3]

Bullets contain references to data that can be found in Tables FAM1.A and FAM1.B on pages 96–99. Endnotes begin on page 75.

Births to Unmarried Women

Increases in births to unmarried women are among the many changes in American society that have affected family structure and the economic security of children.[4] Children of unmarried mothers are at higher risk of adverse birth outcomes such as low birthweight and infant mortality than are children of married mothers. They are also more likely to live in poverty than children of married mothers.[5–9]

Indicator FAM2.A **Birth rates for unmarried women by age of mother, 1980–2009**



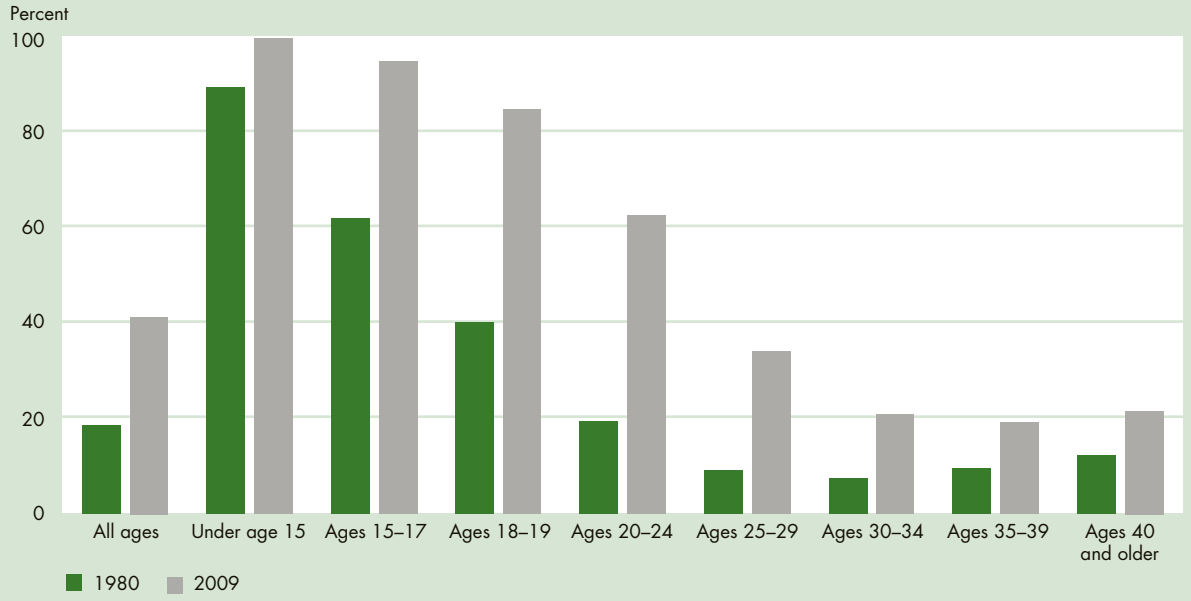
NOTE: The 2009 rates for total ages 15–44 are preliminary; data for 2009 for specific age groups were not available at publication time.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

- There were 50.6 births for every 1,000 unmarried women ages 15–44 in 2009.[10]
- Between 1980 and 1994, the birth rate for unmarried women ages 15–44 increased from 29.4 to 46.2 per 1,000. Between 1995 and 2002, the rate fluctuated little, ranging from 42.9 to 44.3 per 1,000; from 2002 to 2008, however, the rate increased from 43.7 to 52.5 per 1,000, before declining to 50.6 per 1,000 in 2009.[8,10,11]
- Rates in 2008 remained highest for women ages 20–24 (79.2 per 1,000), followed closely by the rate for women ages 25–29 (76.1 per 1,000).[6,12]
- The birth rate among unmarried adolescents ages 15–19 declined between 1994 and 2005, increased in 2006 and 2007, and then decreased slightly in 2008. Among adolescent subgroups, the rate for adolescents ages 15–17 declined from 31.7 per 1,000 in 1994 to 19.7 in 2005 and has changed little since (it was 20.6 in 2008). For adolescents ages 18–19, the birth rate declined from 1994 to 2003 and increased annually from 2003 to 2007; the rate declined in 2008, when it was 61.9 per 1,000.
- Birth rates for unmarried women in their twenties changed relatively little during the mid- to late 1990s. In the 2000s, for women ages 20–24, the rate rose from 70.5 per 1,000 in 2002 to 79.2 in 2008, and, for women ages 25–29, the rate rose from 58.5 per 1,000 in 2000 to 76.1 in 2008. Birth rates for unmarried women ages 30–44 have steadily increased since the late 1990s.
- The proportion of women of childbearing age who were unmarried continued to rise to over half in 2009. However, nonmarital cohabitation has remained relatively unchanged: nearly 3 in 10 unmarried women ages 25–29 in 2002 were in cohabiting relationships.[13]

Children are at greater risk for adverse consequences when born to a single mother, because the social, emotional, and financial resources available to the family may be limited.[14] The proportion of births to unmarried women is useful for understanding the extent to which children born in a given year may be affected by any disadvantage—social, financial, or health—associated with being born outside of marriage. The change in the percentage of births to unmarried women reflects changes in the birth rate for unmarried women relative to the birth rate for married women.[15]

Indicator FAM2.B **Percentage of all births to unmarried women by age of mother, 1980 and 2009**



NOTE: Data for 2009 are preliminary.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

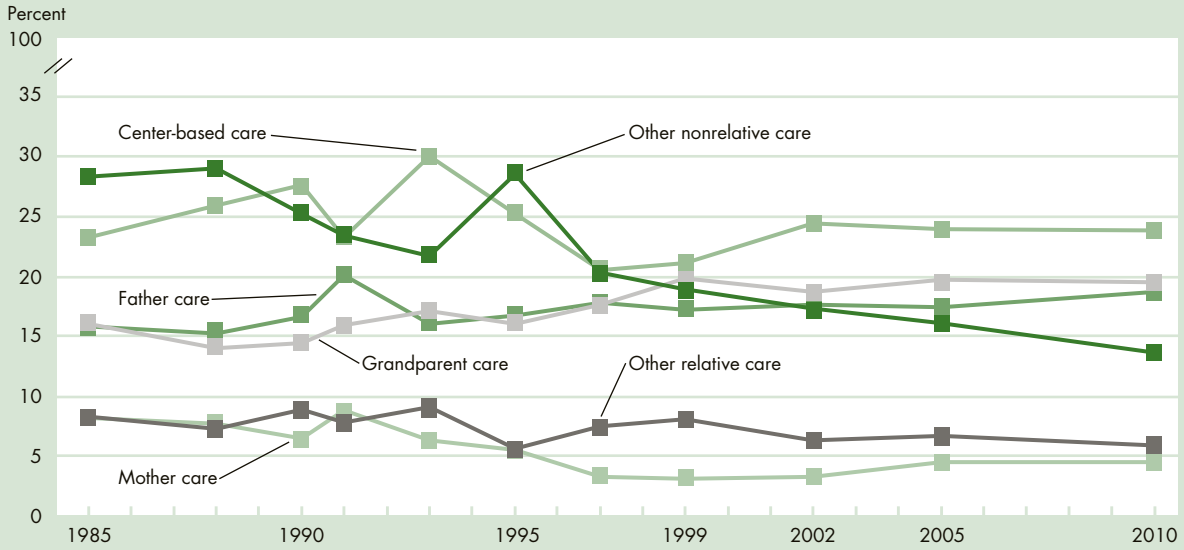
- In 2009, 41 percent of all births were to unmarried women.[10]
- The percentage of all births to unmarried women rose from 18 percent of total births in 1980 to 33 percent in 1994. From 1994 to 2002, the percentage ranged from 32 to 34 percent. The percentage has increased more rapidly since 2002, reaching 41 percent in 2009.
- Between 1980 and 2009, the proportion of births to unmarried women rose for women in all age groups. Among adolescents, the proportion was high throughout the period and rose from 62 to 94 percent for ages 15–17 and from 40 to 84 percent for ages 18–19. The proportion more than tripled for births to women in their twenties, rising from 19 to 62 percent for ages 20–24 and from 9 to 34 percent for ages 25–29. The proportion of births to unmarried women in their thirties more than doubled, from 8 to 20 percent.[8,10,12]
- Nearly half of first births were to unmarried women in 2009. Almost three-fourths of births to women under age 25 having their first child were nonmarital.[16]
- The increases in the proportion of births to unmarried women, especially during the 1980s, were linked to increases in the birth rates for unmarried women in all age groups during this period. In addition, the number of unmarried women increased more rapidly than the number of married women, as women from the baby boom generation postponed marriage.[8,16,17]
- During the late 1990s, the rate of increase in the proportion of births to unmarried women slowed. The comparative stability was linked to a renewed rise in birth rates for married women.[6,8] Since 2002, the rate of increase in the proportion of births to unmarried women has grown, reflecting increases, especially among adult women aged 20 and older, in nonmarital birth rates concurrent with relatively little change in birth rates for married women.[8,16]

Bullets contain references to data that can be found in Tables FAM2.A and FAM2.B on pages 100–101. Endnotes begin on page 75.

Child Care

Many children spend time with a child care provider other than their parents. This indicator presents two aspects of early childhood child care usage: a historical trend of the primary child care provider used by employed mothers for their young children and overall use of different providers regardless of parents' work status.[18]

Indicator FAM3.A **Primary child care arrangements for children ages 0–4 with employed mothers, selected years 1985–2010[19]**



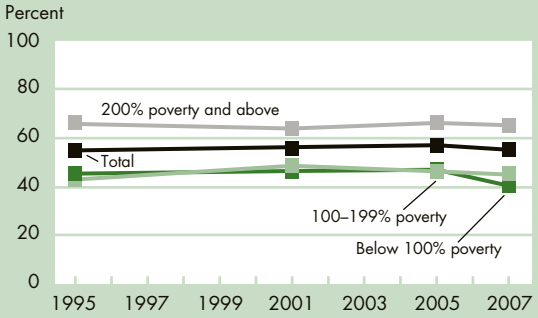
NOTE: The primary arrangement is the arrangement used for the most number of hours per week while the mother worked. Mother and father care both refer to care while the mother worked.

SOURCE: U.S. Census Bureau, Survey of Income and Program Participation.

Indicator FAM3.A

- In 2010, 48 percent of children ages 0–4 with employed mothers were primarily cared for by a relative—their father, grandparent, sibling, other relative, or mother—while she worked. This is not statistically different from the percentages in 2005 and 2002. Twenty-four percent spent the most amount of time in a center-based arrangement (day care, nursery school, preschool, or Head Start). Fourteen percent were primarily cared for by a nonrelative in a home-based environment, such as a family day care provider, nanny, babysitter, or au pair.
- The rate of care by fathers was between 15 and 16 percent in 1985 and 1988, increased to 20 percent in 1991, and settled between 16 and 18 percent from 1993 to 2005. By 2010, the father-care rate was 19 percent.
- Among children in families in poverty, 15 percent were in center-based care as their primary arrangement, while 9 percent were with other relatives (relatives other than the mother, father, or grandparent). By comparison, more children in families at or above the poverty line were in center-based care (26 percent) than were cared for by other relatives (5 percent).

Indicator FAM3.B **Percentage of children ages 3–6, not yet in kindergarten, in center-based care arrangements by poverty level, selected years 1995–2007**

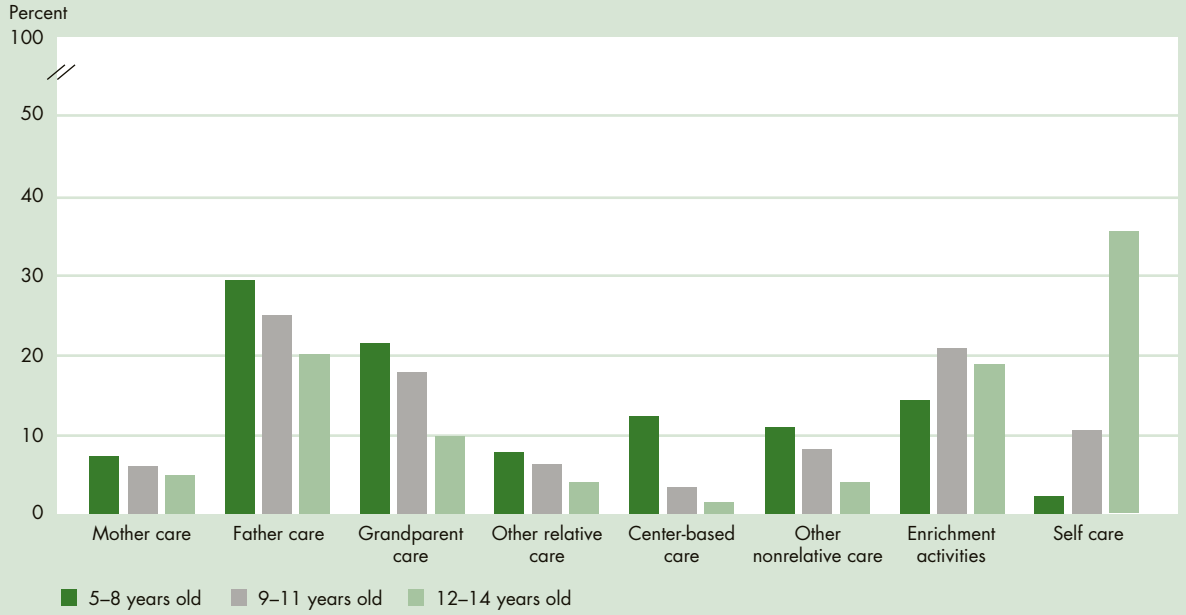


NOTE: Center-based programs included day care centers, prekindergartens, nursery schools, Head Start programs, and other early childhood education programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Surveys Program.

School-age children may spend their weekday, nonschool time in child care arrangements, and also may engage in a variety of enrichment activities such as sports, arts, clubs, academic activities, religious activities, and community service. In addition, some children care for themselves without adult supervision for some time during the week. This measure presents the most recent data available on how grade-school-age children spend their out-of-school time.

Indicator FAM3.C **Child care arrangements for grade school children ages 5–14 with employed mothers, 2010**



NOTE: The number of children in all arrangements may exceed the total number of children due to the use of multiple arrangements. Mother and father care refer to care while the mother worked.

SOURCE: U.S. Census Bureau, Survey of Income and Program Participation.

Indicator FAM3.B

- In 2007, about 55 percent of children ages 3–6, not yet in kindergarten, were enrolled in center-based care. This percentage was about the same as in 1995. A higher percentage of children ages 3–6, not yet in kindergarten, whose families had incomes at least twice the poverty level (65 percent) were enrolled in center-based care, compared with children from families with incomes 100–199 percent of the poverty level (45 percent in center-based care) and children from families below 100 percent of the poverty level (41 percent in center-based care).
- The percentages of children ages 3–6, not yet in kindergarten, who were enrolled in center-based care differed by race/ethnicity. A lower percentage of Hispanic children (39 percent) than White non-Hispanic (58 percent), Black non-Hispanic (65 percent), and Asian (64 percent) children were enrolled in center-based care.
- A higher percentage of children whose mothers had a bachelor's degree or higher were enrolled in center-based arrangements (71 percent), compared with children whose mothers had less than a high school diploma (29 percent), a high school diploma or its equivalent (43 percent), or some college (54 percent).

Indicator FAM3.C

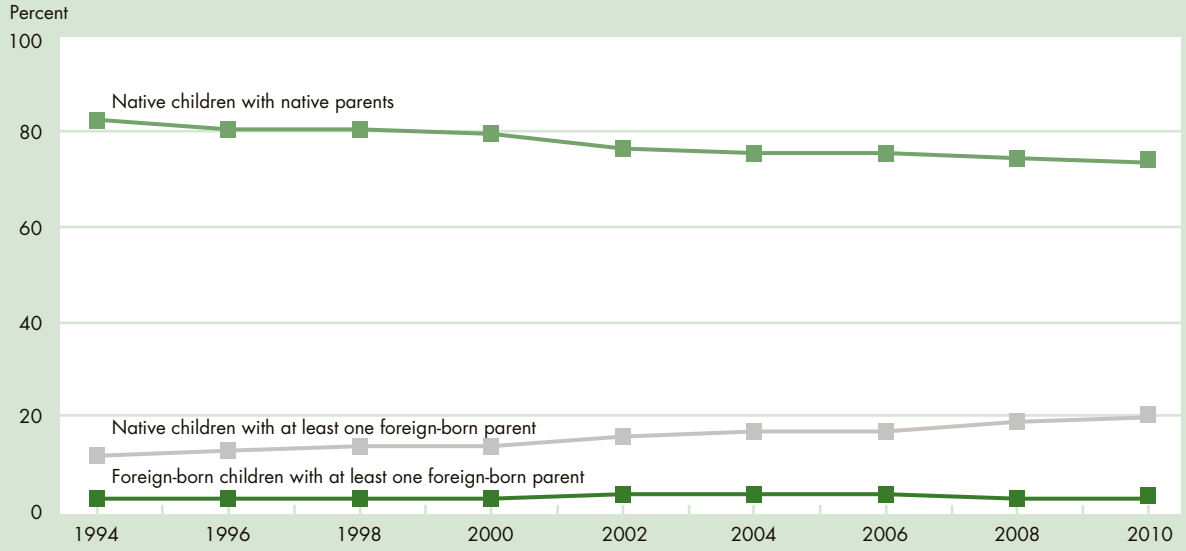
- In 2010, grade school children ages 5–14 with employed mothers were less likely to be in center-based or other nonrelative care and more likely to be cared for by relatives.
- As children grow and mature, many parents allow them to spend some time in unsupervised situations. In 2010, older children were more likely to care for themselves than their younger counterparts: 2 percent of children ages 5–8, 11 percent of children ages 9–11, and 36 percent of children ages 12–14, were regularly in self-care situations.

Bullets contain references to data that can be found in Tables FAM3.A–FAM3.C on pages 102–107. Endnotes begin on page 75.

Children of at Least One Foreign-Born Parent

The foreign-born population of the United States has grown since 1970. This increase in the past generation has largely been due to immigration from Latin America and Asia and has led to an increase in the diversity of language and cultural backgrounds of children growing up in the United States.[20] However, as a result of potential language and cultural barriers confronting children and their parents, children with foreign-born parents may need additional resources both at school and at home.[21]

Indicator FAM4 **Percentage of children ages 0–17 by nativity of child and parents, selected years 1994–2010**



NOTE: Data for 2010 exclude the nearly 290,000 household residents under age 18 who were listed as family reference persons or spouses. Children living in households with no parents present are not shown in this figure, but are included in the bases for the percentages. Native parents means that all of the parents whom the child lives with are native born, while foreign-born means that one or both of the child's parents are foreign born. Anyone with U.S. citizenship at birth is considered native, which includes people born in the United States or in U.S. outlying areas and people born abroad with at least one American parent. Foreign-born children with native parents are included in the native children with native parents category. Prior to 2007, Current Population Survey (CPS) data identified only one parent on the child's record. This meant that a second parent could only be identified if he or she was married to the first parent. In 2007, a second parent identifier was added to the CPS. This permits identification of two coresident parents, even if the parents are not married to each other.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements.

- In 2010, 20 percent of children were native children with at least one foreign-born parent, and 3 percent were foreign-born children with at least one foreign-born parent. Overall, the percentage of all children living in the United States with at least one foreign-born parent rose from 15 percent in 1994 to 23 percent in 2010.
- In 2010, 32 percent of foreign-born children with a foreign-born parent, 26 percent of native children with a foreign-born parent, and 6 percent of native children with native parents had a parent with less than a high school diploma or equivalent credential.[22]
- In 2010, 33 percent of foreign-born children with foreign-born parents lived below the poverty line, compared with 26 percent of native children with foreign-born parents and 18 percent of native children with native parents.
- Regardless of their own nativity status, children with a foreign-born parent more often lived in a household with two parents present than did children with no foreign-born parents. In 2010, 83 percent of native children with a foreign-born parent lived with two parents, compared with 69 percent of native children with two native parents.

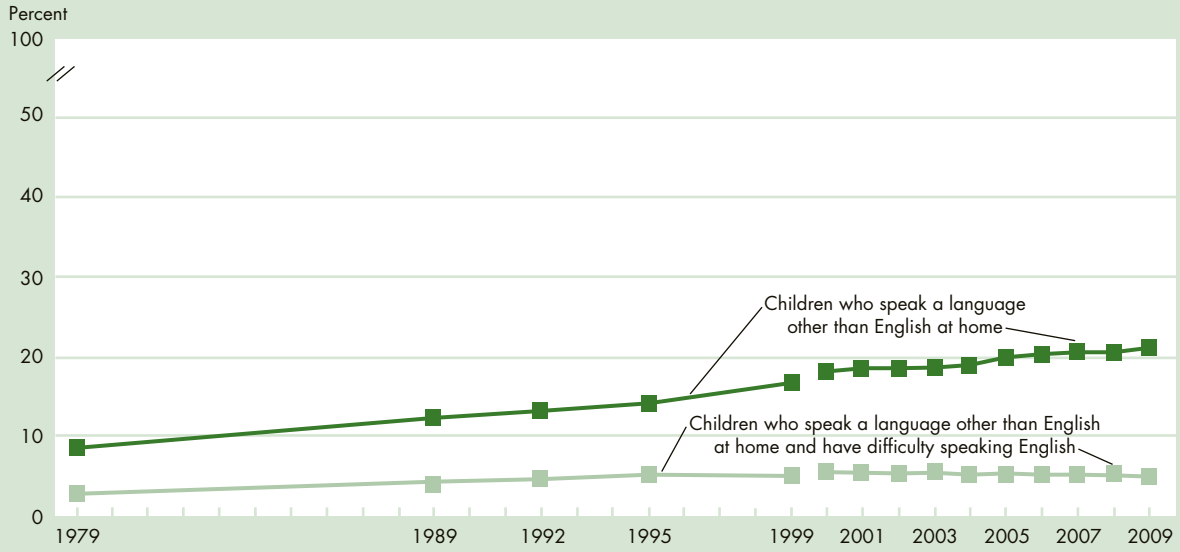
Bullets contain references to data that can be found in Table FAM4 on pages 108–110. Endnotes begin on page 75.

Language Spoken at Home and Difficulty Speaking English

Children who speak languages other than English at home and who also have difficulty speaking English[23] may face greater challenges progressing in school and in the labor market. Once it is determined that a student speaks another language, school officials must, by law, evaluate the child's facility with English to determine whether the student needs services such as special instruction to improve his or her English, then provide these services if needed.

Indicator FAM5

Percentage of children ages 5–17 who speak a language other than English at home and who have difficulty speaking English, selected years 1979–2009



NOTE: Numbers from the 1995 and 1999 Current Population Survey (CPS) may reflect changes in the survey because of newly instituted computer-assisted interviewing techniques and/or because of the change in the population controls to the 1990 Census-based estimates, with adjustments. A break is shown in the lines between 1999 and 2000 because data from 1979 to 1999 come from the CPS, while beginning in 2000 the data come from the American Community Survey (ACS). The questions were the same on the CPS and the ACS questionnaires.

SOURCE: U.S. Census Bureau, October (1992, 1995, and 1999) and November (1979 and 1989) Current Population Surveys, and 2000–2009 American Community Survey.

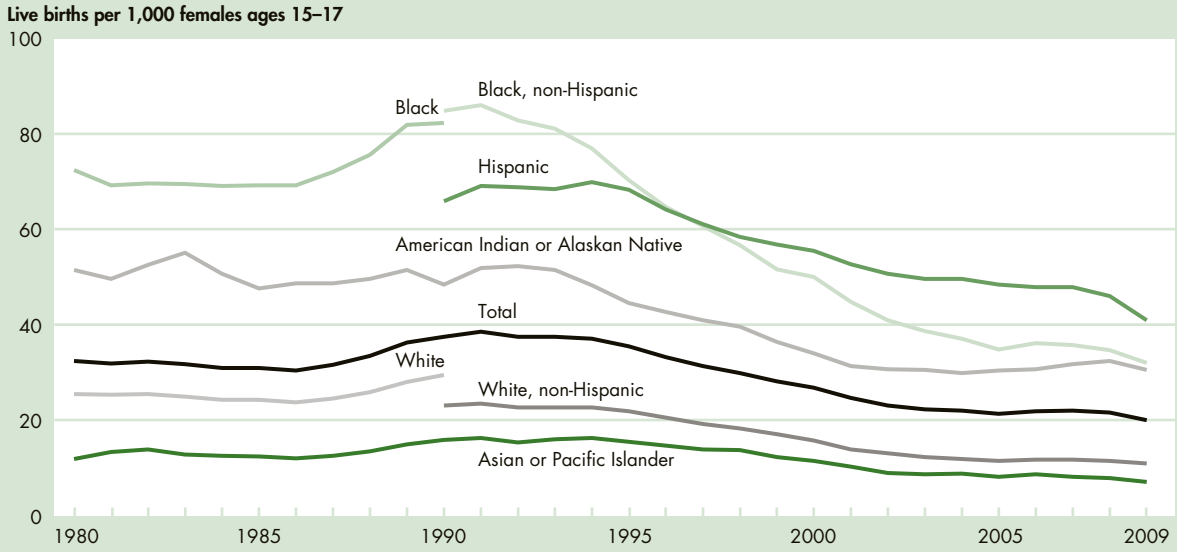
- In 2009, 21 percent of school-age children spoke a language other than English at home, and 5 percent of school-age children both spoke a language other than English at home and had difficulty speaking English.
- In 2009, the percentage of school-age children who spoke a language other than English at home varied by region of the country, from a low of 12 percent in the Midwest to a high of 34 percent in the West.
- In 2009, the percentage of school-age children who had difficulty with English also varied by region, from a low of 3 percent in the Midwest to a high of 8 percent in the West.
- In 2009, 63 percent of school-age Asian children and 66 percent of school-age Hispanic children spoke a language other than English at home, compared with 6 percent of both White, non-Hispanic and Black, non-Hispanic school-age children.[2]
- In 2009, 16 percent of both school-age Asian and school-age Hispanic children spoke another language at home and had difficulty with English, compared with about 1 percent of both school-age White, non-Hispanic and school-age Black, non-Hispanic children.[24]
- About 6 percent of school-age children spoke a language other than English at home and lived in a linguistically isolated household in 2009. A linguistically isolated household is one in which all persons age 14 or over speak a language other than English at home and no person age 14 or over speaks English "Very well."

Bullets contain references to data that can be found in Table FAM5 on pages 111–114. Endnotes begin on page 75.

Adolescent Births

Bearing a child during adolescence is often associated with long-term difficulties for the mother and her child. These consequences are often attributable to poverty and other adverse socioeconomic circumstances that frequently accompany early childbearing.[25] Compared with babies born to older mothers, babies born to adolescent mothers, particularly young adolescent mothers, are at higher risk of low birthweight and infant mortality.[8,9,26] They are more likely to grow up in homes that offer lower levels of emotional support and cognitive stimulation and they are less likely to earn high school diplomas. For the mothers, giving birth during adolescence is associated with limited educational attainment, which in turn can reduce employment prospects and earnings potential.[27] The birth rate of adolescents under age 18 is a measure of particular interest because these mothers are still of school age.

Indicator FAM6 **Birth rates for females ages 15–17 by race and Hispanic origin, 1980–2009**



NOTE: Data for 2009 are preliminary. Race refers to mother's race. The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. Although state reporting of birth certificate data is transitioning to comply with the 1997 OMB standard for race and ethnicity statistics, data from states reporting multiple races were bridged to the single-race categories of the 1977 OMB standards for comparability with other states and for trend analysis. Rates for 1980–1989 are not shown for Hispanics; White, non-Hispanics; or Black, non-Hispanics because information on Hispanic origin of the mother was not reported on birth certificates of most states and because population estimates by Hispanic ethnicity for the reporting states were not available. Data on race and Hispanic origin are collected and reported separately. Persons of Hispanic origin may be of any race.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

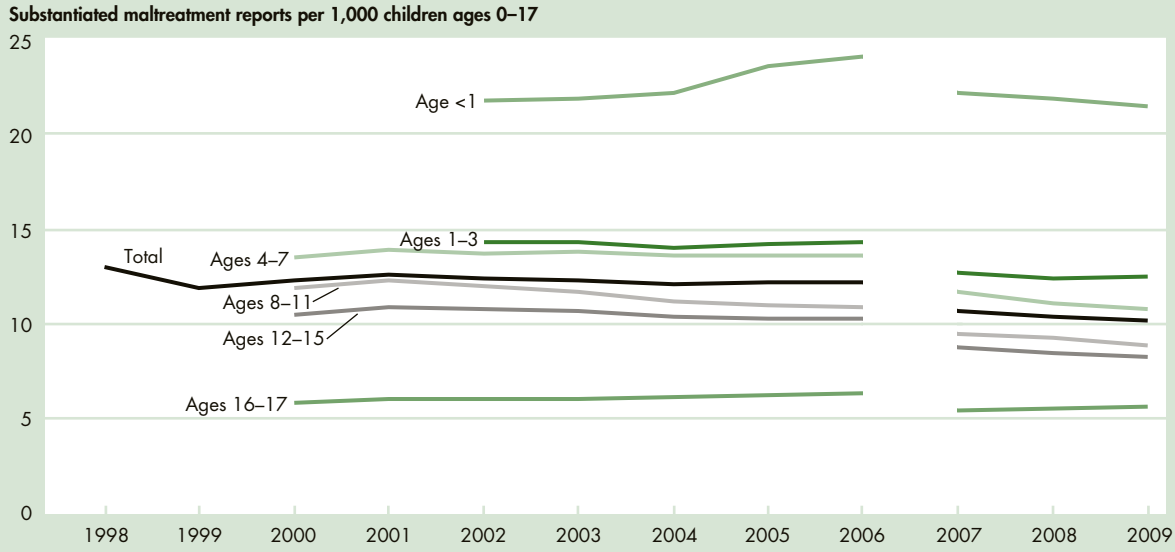
- In 2009, the adolescent birth rate was 20.1 per 1,000 adolescents ages 15–17. There were 124,256 births to these adolescents in 2009, according to preliminary data. The 2009 rate was lower than the 2008 rate of 21.7 per 1,000 and the 2007 rate of 22.1 per 1,000. The rate has fallen for two consecutive years, continuing a decline briefly interrupted in 2005–2007; the long-term decline began 1991–1992.[8,9,11,28] In 1991, the rate was 38.6, and it declined to 21.4 births per 1,000 in 2005.
- There remain substantial racial and ethnic disparities among the birth rates for adolescents ages 15–17. In 2009, the birth rates for this age group were 7.1 per 1,000 for Asians or Pacific Islanders, 11.0 for White, non-Hispanics, 30.6 for American Indians or Alaskan Natives, 32.1 for Black, non-Hispanics, and 41.0 for Hispanics.[10,28]
- The birth rates for Black, non-Hispanic, White, non-Hispanic, and Asian or Pacific Islander females ages 15–17 dropped by about half or more between 1991 and 2005, reversing the increase between 1986 and 1991. Rates for these groups increased in 2005–2006, but have since declined through 2009.
- The birth rate for Hispanic adolescents in this age group fell during 1991 to 2009, although at a slower pace than for Black and White non-Hispanic adolescents. The 2009 rate for Hispanic adolescents was the lowest ever reported since data became available in 1989.[10,11,28]
- In 2009, 94 percent of births to females ages 15–17 were to unmarried mothers, compared with 62 percent in 1980 (see FAM2.B).
- The rates of first and second births for females ages 15–17 declined by two-fifths and nearly two-thirds, respectively, between 1991 and 2005; both rates increased in 2006 and have changed little since.[6]

Bullets contain references to data that can be found in Table FAM6 on pages 115–116. Endnotes begin on page 75.

Child Maltreatment

Child maltreatment includes physical, sexual, and psychological abuse, as well as neglect (including medical neglect). Maltreatment in general is associated with a number of negative outcomes for children, including lower school achievement, juvenile delinquency, substance abuse, and mental health problems.[29] Certain types of maltreatment can result in long-term physical, social, and emotional problems, and even death. For example, "shaken baby syndrome" can result in mental retardation, cerebral palsy, or paralysis. Child maltreatment includes both fatal and nonfatal maltreatment.

Indicator FAM7 **Rate of substantiated maltreatment reports of children ages 0–17 by age, 1998–2009**



NOTE: The count of child victims is based on the number of investigations by Child Protective Services that found the child to be a victim of one or more types of maltreatment. The count of victims is, therefore, a report-based count and a "duplicated count," since an individual child may have been maltreated more than once. The number of states reporting varies from year to year. States vary in their definition of abuse and neglect. Data since 2007 are not directly comparable with prior years as differences may be partially attributed to changes in one state's procedures for determination of maltreatment. Other reasons include the increase in children who received an "other" disposition, the decrease in the percentage of children who received a substantiated or indicated disposition, and the decrease in the number of children who received an investigation or assessment.

SOURCE: Administration for Children and Families, National Child Abuse and Neglect Data System.

- In 2009, the rate of substantiated reports of child maltreatment was 10 per 1,000 children ages 0–17. This represents a decrease since 2007, when the rate was approximately 11 reports per 1,000 children ages 0–17.[30]
- Younger children are more frequently victims of child maltreatment than are older children. In 2009, there were 21 substantiated child maltreatment reports per 1,000 children under age 1, compared with 12 reports for children ages 1–3, 11 for children ages 4–7, 9 for children ages 8–11, 8 for children ages 12–15, and 6 for adolescents ages 16–17.
- Higher rates of maltreatment were reported for girls than boys (11 reports per 1,000 for females vs. 10 for males).
- While neglect is the most common type of maltreatment across all age groups, types of maltreatment vary by age. In 2009, 81 percent of substantiated child maltreatment reports for children ages 0–3 involved neglect, compared with 63 percent for adolescents ages 16–17. Twenty-one percent of substantiated reports for adolescents ages 16–17 involved physical abuse and 17 percent involved sexual abuse. Among substantiated reports for children ages 0–3, 14 percent involved physical abuse and 2 percent involved sexual abuse.
- In 2009, Black, non-Hispanic children had the highest rates of substantiated child maltreatment reports (16 reports per 1,000 children), followed by American Indian or Alaska Native children (13), children of two or more races (12), Native Hawaiian or Other Pacific Islander children (12), Hispanic children (9), White, non-Hispanic children (9), and Asian children (2).

Bullets contain references to data that can be found in Tables FAM7.A and FAM7.B on pages 117–118. Endnotes begin on page 75.

Indicators Needed

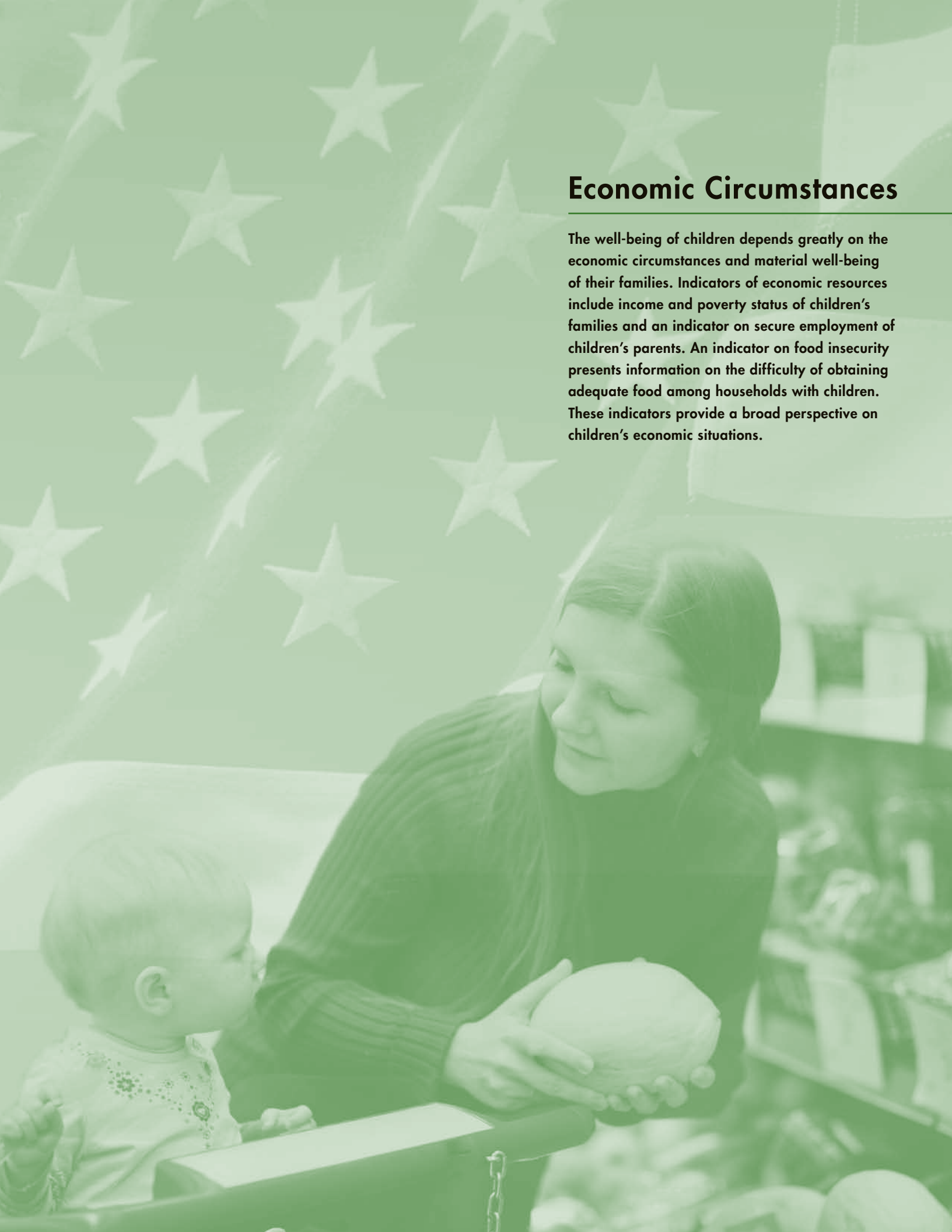
Family and Social Environment

While many surveys provide detailed information on children's families, caregivers, and social environments, the continually changing nature of social life creates many new variations and forms that cannot adequately be addressed with large national omnibus surveys. More detailed data are needed on the following topics:

- *Family structure.* Increasing the detail of information collected about family structure and improving the measurement of cohabitation and family dynamics were among the key suggestions for improvement emerging from two "Counting Couples" workshops co-sponsored by the Forum in 2001 and 2003. In 2010, OMB established an Interagency work group, Measuring Relationships in Federal Household Surveys (MRFHS), to examine the current practices of the Federal agencies for collecting, editing, and reporting data on relationships and marriage, with special focus on statistical surveys that are widely used. Its recommendations will help to capture and describe children's increasingly complex family configurations and living arrangements.[31]
- *Time use.* Currently, some Federal surveys collect information on the amount of time children spend on certain activities such as watching television and on participation rates in specific activities or care arrangements, but no Federal data source examines time spent on the whole spectrum of children's activities. In 2003, the U.S. Bureau of Labor Statistics began the American Time Use Survey (ATUS), which measures the amount of time people spend doing various activities, such as paid work, childcare, volunteering, and socializing. The survey includes responses from persons age 15 and older. Since the numbers of observations for older youth are small, the data cannot be published separately for each year. ATUS data may be included in future *America's Children* reports as a regular indicator as more years of data become available. Forum agencies continue to be interested in the inclusion of time use questions for youth in other surveys, as appropriate.
- *Social connections and engagement.* The formation of close attachments to family, peers, school, and community have been linked to healthy youth development in numerous research studies. Additional research needs to be conducted to strengthen our understanding of how these relationships promote healthy development and protect youth from risks that, in turn, affect later life success. We currently lack regular indicators on aspects of healthy development, such as relationships with parents and peers, connections to teachers and school engagement, and civic or community involvement.

Economic Circumstances

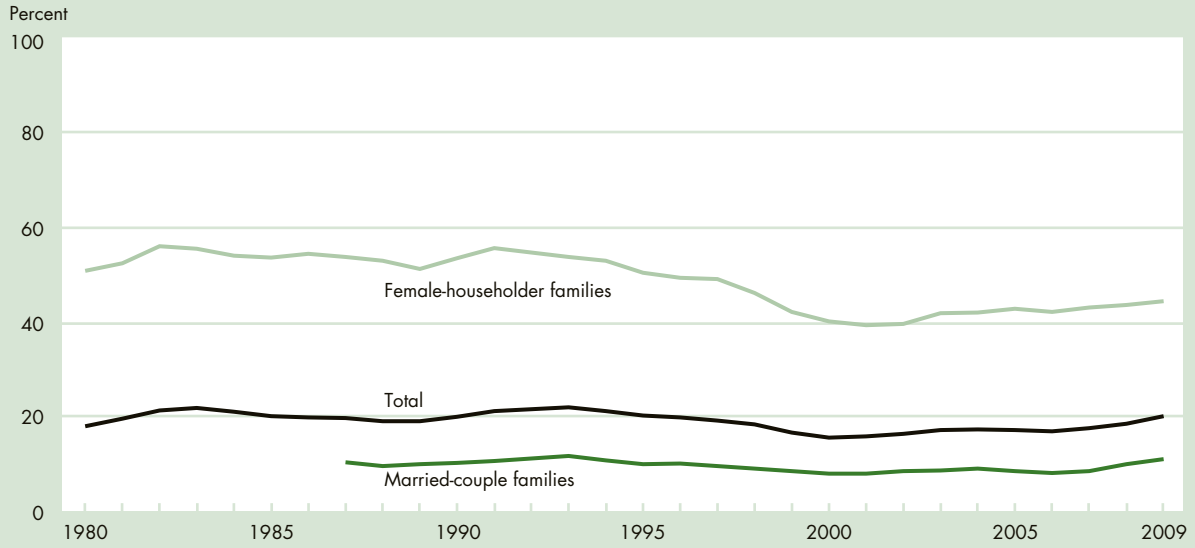
The well-being of children depends greatly on the economic circumstances and material well-being of their families. Indicators of economic resources include income and poverty status of children's families and an indicator on secure employment of children's parents. An indicator on food insecurity presents information on the difficulty of obtaining adequate food among households with children. These indicators provide a broad perspective on children's economic situations.



Child Poverty and Family Income

As detailed in this report, children living in poverty are vulnerable to environmental, educational, health, and safety risks. Compared with their peers, children living in poverty, especially young children, are more likely to have cognitive, behavioral, and socioemotional difficulties, and throughout their lifetime they are more likely to complete fewer years of school and experience more years of unemployment.[32,33,34] This indicator is based on the official poverty measure for the United States as defined in Office of Management and Budget Statistical Policy Directive 14.[35]

Indicator ECON1.A **Percentage of related children ages 0–17 living in poverty by family structure, 1980–2009**



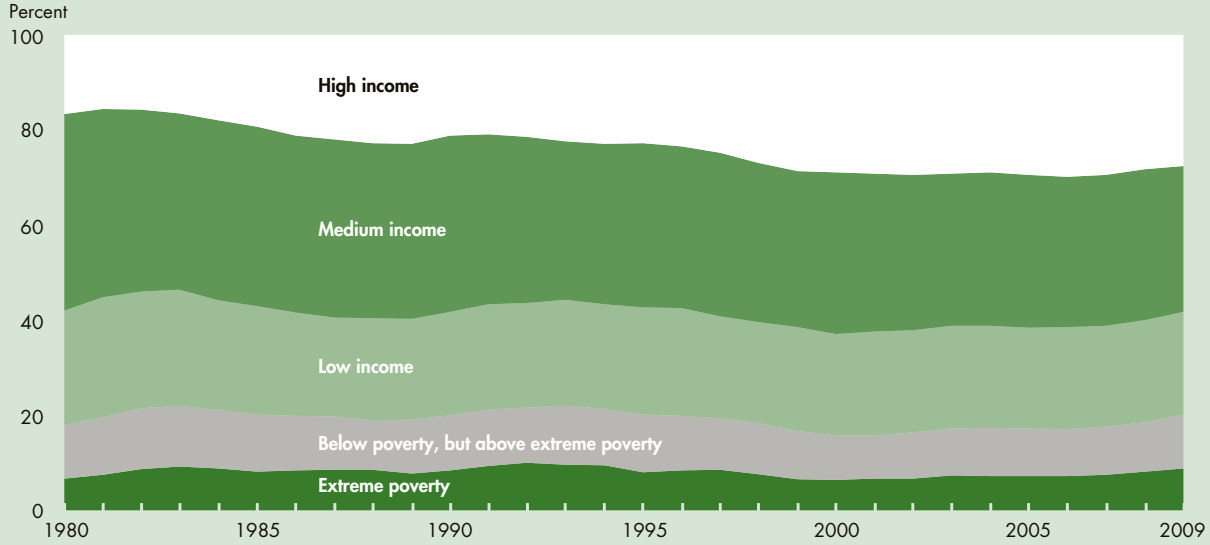
NOTE: Related children are persons ages 0–17 who are related to the householder by birth, marriage, or adoption, but are not themselves householders, spouses, or reference persons. In 2009, the poverty threshold for a two-parent, two-child family was $21,756. The proportion of children in male-householder families (no spouse present) historically has been small. Select data for this group are available as part of Detailed Tables at http://www.census.gov/hhes/www/poverty/data/index.html.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements.

- In 2009, 21 percent of all children ages 0–17 (15.5 million) lived in poverty. This is up from the low of 16 percent in 2000 and 2001. The poverty rate for all children increased from 18 percent in 2007 to 19 percent in 2008, and then to 21 percent in 2009. This trend is consistent with expectations related to the recent economic downturn.
- Among all children, the poverty rate was three times higher for Black children and nearly three times higher for Hispanic children compared with the poverty rate for White, non-Hispanic children.[2] In 2009, 36 percent of Black children, 33 percent of Hispanic children, and 12 percent of White, non-Hispanic children lived in poverty. These are increases from 35 percent, 29 percent, and 10 percent, respectively, in 2007.
- As was the case for all children, the percentage of related children with family incomes below the poverty threshold was higher in 2009 (20 percent) than in 2008 (19 percent).[36] The poverty rate for related children has fluctuated since the early 1980s, reaching a peak of 22 percent in 1993 and a low of 16 percent in 2000.
- The poverty rate for related children living in female-householder families (no spouse present) was 44 percent in 2009, an increase from the low of 39 percent in 2001. The poverty rate for related children in married-couple families increased from 8 percent to 11 percent over this time period.
- Related children ages 0–5 were more likely to be living in families with incomes below the poverty line than those ages 6–17. In 2009, 24 percent of related children ages 0–5 lived in poverty, compared with 18 percent of older related children.
- In 2009, 9 percent of related children lived in families with incomes below 50 percent of the poverty level, the highest estimate for related children since 1997.

Children's family income distribution provides a broader picture of children's economic circumstances.

Indicator ECON1.B **Percentage of related children ages 0–17 by family income relative to the poverty line, 1980–2009**



NOTE: Estimates refer to children ages 0–17 who are related to the householder. The income classes are derived from the ratio of the family's income to the family's poverty threshold. A child living in extreme poverty is defined as a child living in a family with income less than 50 percent of the poverty threshold. Below poverty, but above extreme poverty, is defined as 50–99 percent of the poverty threshold. Low income is defined as 100–199 percent of the poverty threshold. Medium income is defined as 200–399 percent of the poverty threshold. High income is defined as being at or above 400 percent of the poverty threshold. For example, in 2009, a family of four with two children would be in extreme poverty if their income was less than $10,878 (50 percent of $21,756). The same family would be classified as low income if their income was at least $21,756 and less than $43,512.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements.

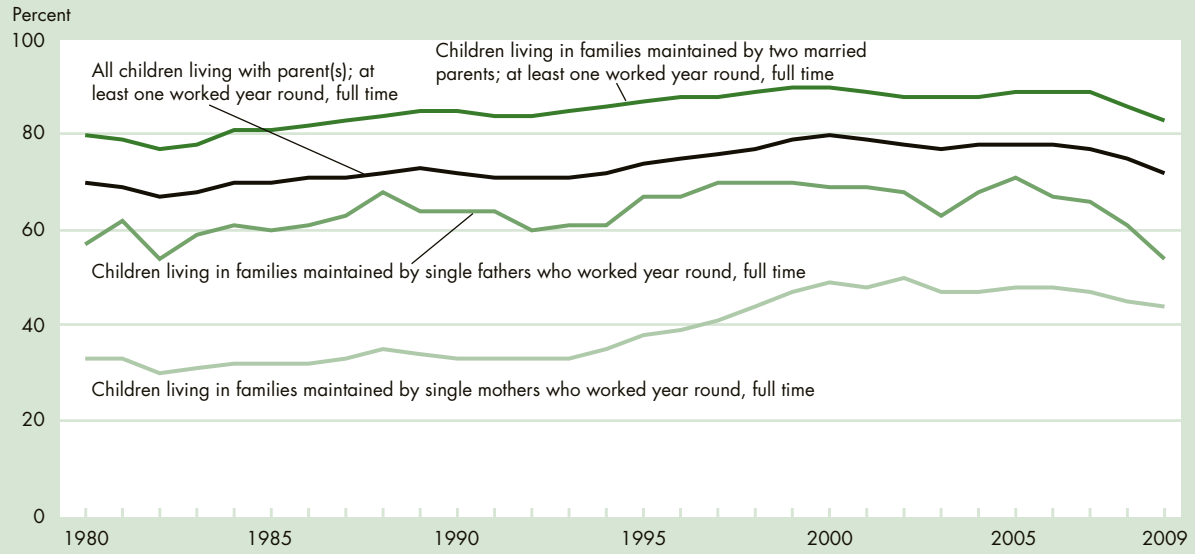
- In 2009, more children lived in families with medium income (31 percent) than in families in any other income group. Fewer children lived in families with low income and with high income (22 and 28 percent, respectively) than lived in families with medium income.
- The percentage of children living in families with medium income was lower in 2009, at 31 percent, than in 1990, at 37 percent. Conversely, the percentage of children living in families with high income was greater in 2009, at 28 percent, than in 1990, at 21 percent.
- The percentage of children living in families in extreme poverty peaked at 10 percent in 1992, decreased to 6 percent in 2000, and rose to 9 percent in 2009. The percentage of children who lived in families with very high incomes (600 percent or more of the poverty threshold) has nearly doubled, from 7 percent in 1991 to 13 percent in 2009.

Bullets contain references to data that can be found in Tables ECON1.A and ECON1.B on pages 119–124. Endnotes begin on page 75.

Secure Parental Employment

Secure parental employment reduces the incidence of poverty and its attendant risks to children. Secure parental employment is associated with higher family income and greater access to private health insurance.[37] By reducing stress and other negative effects that low levels of family income have on parents, secure parental employment may also enhance children's social and emotional development and improve family functioning.[38] One measure of secure parental employment is the percentage of children whose resident parent or parents were employed full time during a given year.

Indicator ECON2 **Percentage of children ages 0–17 living with at least one parent employed year round, full time by family structure, 1980–2009**



SOURCE: Bureau of Labor Statistics, Current Population Survey, Annual Social and Economic Supplements.

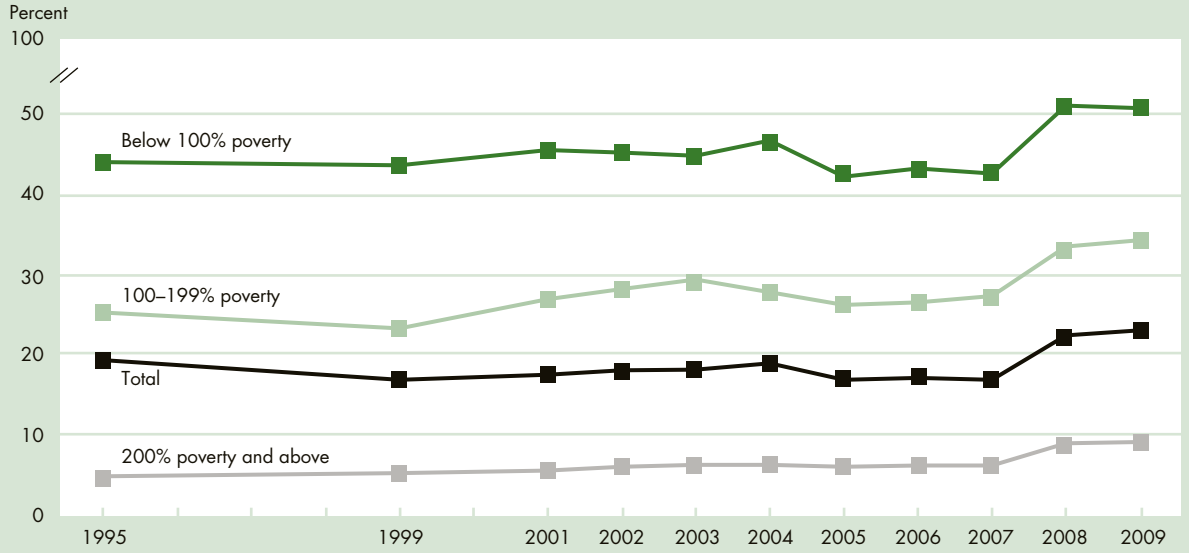
- The percentage of children who had at least one parent working year round, full time was 72 percent in 2009, down from 75 percent in 2008. This was the lowest percentage since 1994.
- In 2009, 83 percent of children living in families maintained by two married parents had at least one parent who worked year round, full time. In contrast, 54 percent of children living in families maintained by a single father and 44 percent of children living in families maintained by a single mother had a parent who worked year round, full time.
- Among all children living with parents, those living in poverty were much less likely to have a parent working year round, full time than those living at or above the poverty line (26 percent and 83 percent, respectively, in 2009). In 2009, 44 percent of children living in families maintained by two married parents who were living below the poverty line had at least one parent working year round, full time, compared with 88 percent of children living at or above the poverty line.
- Black, non-Hispanic children and Hispanic children were less likely than White, non-Hispanic children to have a parent working year round, full time. About 62 percent of Hispanic children and 58 percent of Black, non-Hispanic children lived in families with secure parental employment in 2009, compared with 79 percent of White, non-Hispanic children.

Bullets contain references to data that can be found in Table ECON2 on pages 125–126. Endnotes begin on page 75.

Food Insecurity

A family's ability to provide for its children's nutritional needs is linked to the family's food security—that is, to its access at all times to adequate food for an active, healthy life.[39] The food security status of households is based on self-reports of difficulty in obtaining enough food, reduced food intake, reduced diet quality, and anxiety about an adequate food supply. In some households classified as food insecure, only adults' diets and food intakes were affected, but in a majority of such households, children's eating patterns were also disrupted to some extent, and the quality and variety of their diets were adversely affected.[40] In a subset of food-insecure households—those classified as having very low food security among children—a parent or guardian reported that at some time during the year one or more children were hungry, skipped a meal, or did not eat for a whole day because the household could not afford enough food.[41]

Indicator ECON3 **Percentage of children ages 0–17 in food-insecure households by poverty status, selected years 1995–2009**



NOTE: Food-insecure households are those in which either adults or children or both were "food insecure," meaning that, at times, they were unable to acquire adequate food for active, healthy living for all household members because they had insufficient money and other resources for food. Statistics for 1996–1998 and 2000 are omitted because they are not directly comparable with those for other years.

SOURCE: U.S. Census Bureau, Current Population Survey Food Security Supplement; tablulated by Department of Agriculture, Economic Research Service and Food and Nutrition Service.

- About 17.2 million children (23 percent of all children) lived in households that were classified as food insecure at times in 2009.[42] About 988,000 of these children (1.3 percent of all children) lived in households classified as having very low food security among children.
- The percentage of children living in food-insecure households in 2009 was essentially unchanged from 2008 and was higher than the 17 percent observed in 2007. The percentage of children living in households with very low food security among children did not change significantly between 2008 and 2009 (1.5 percent vs. 1.3 percent).
- In 2009, the proportions of children living in food-insecure households were substantially above the national average of 23 percent for the following groups: those living in poverty (51 percent); Black, non-Hispanics and Hispanics (35 percent each); those whose parents or guardians lacked a high school diploma or General Educational Development (GED) certificate (43 percent); and those living with a single mother (38 percent).

Bullets contain references to data that can be found in Table ECON3 on pages 127–128. Endnotes begin on page 75.

Indicators Needed

Economic Circumstances

Economic security is multifaceted; therefore, multiple measures are needed to adequately represent it. While this year's report continues to provide information on economic and food security, additional indicators are needed on:

- *Economic well-being.* Economic well-being over time needs to be anchored in an average standard of living context. Multiple measures of family income or consumption, some of which might incorporate estimates of various family assets, could produce more reliable estimates of changes in children's economic well-being over time.
- *Long-term poverty among families with children.* Although Federal data are available on child poverty (see Indicators ECON1.A and ECON1.B, Child Poverty and Family Income), the surveys that collect these data do not capture information on long-term poverty. Existing longitudinal survey data are available for identifying children living in poverty continually for a period of time and for producing estimates of the duration of poverty. However, those data are not available on a regular basis. The U.S. Census Bureau currently has longitudinal estimates of poverty for the 2001 to 2003 period based on the Survey of Income and Program Participation (SIPP) 2001 Panel. Estimates from the 2004 Panel of SIPP, covering the period 2004 to 2006, will be available later this year. Data from the 2008 Panel will not be available for several more years. Since long-term poverty can have serious negative consequences for children's well-being, regularly collected and reported estimates are needed.

Health Care

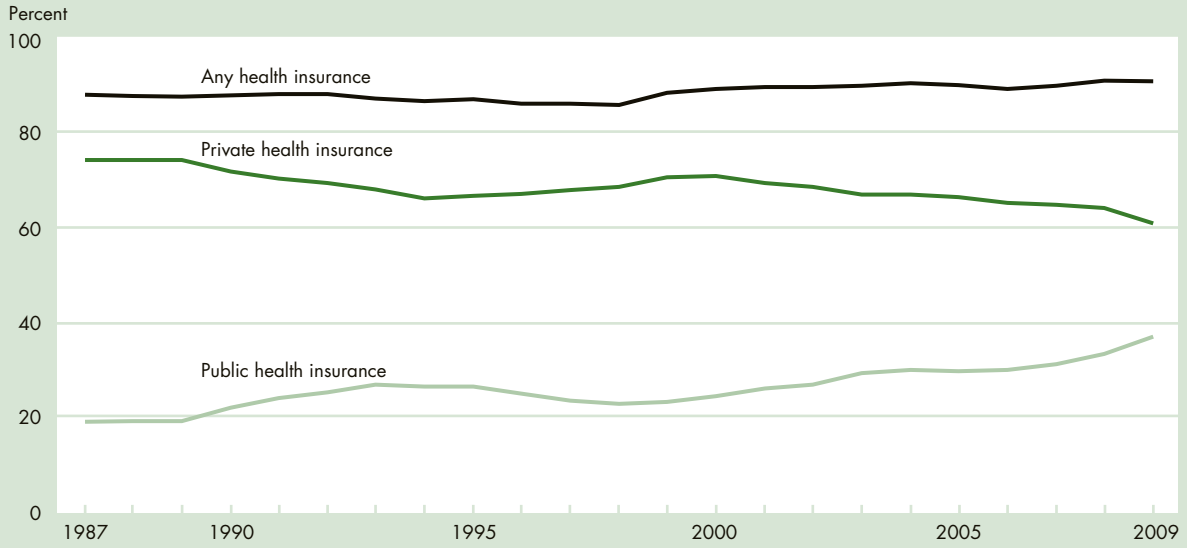
Health care comprises the prevention, treatment, and management of illness and the preservation of mental and physical well-being through services offered by health professionals. Effective health care is an important aspect of promoting good health. This section presents information on selected determinants of health care utilization for children (e.g., having health insurance coverage and having a usual source of health care) and selected measures of health care utilization (e.g., immunization, children having a dental visit, and children with untreated dental caries).

Health Insurance Coverage

Children with health insurance, whether public or private, are more likely than children without insurance to have a regular and accessible source of health care. The percentage of children who have health insurance coverage for at least part of the year is one measure of the extent to which families can obtain preventive care or health care for a sick or injured child.

Indicator HC1

Percentage of children ages 0–17 covered by health insurance at some time during the year by type of health insurance, 1987–2009



NOTE: Public health insurance for children consists primarily of Medicaid, but also includes Medicare, Children's Health Insurance Programs (CHIP), and Tricare, the health benefit program for members of the armed forces and their dependents. Estimates beginning in 1999 include follow-up questions to verify health insurance status. Children are considered to be covered by health insurance if they had public or private coverage any time during the year. The data from 1996 to 2004 have been revised since initially published. For more information, see http://www.census.gov/hhes/www/hlthins/data/usernote/index.html.

SOURCE: U.S. Census Bureau, unpublished tables from the Current Population Survey, Annual Social and Economic Supplements.

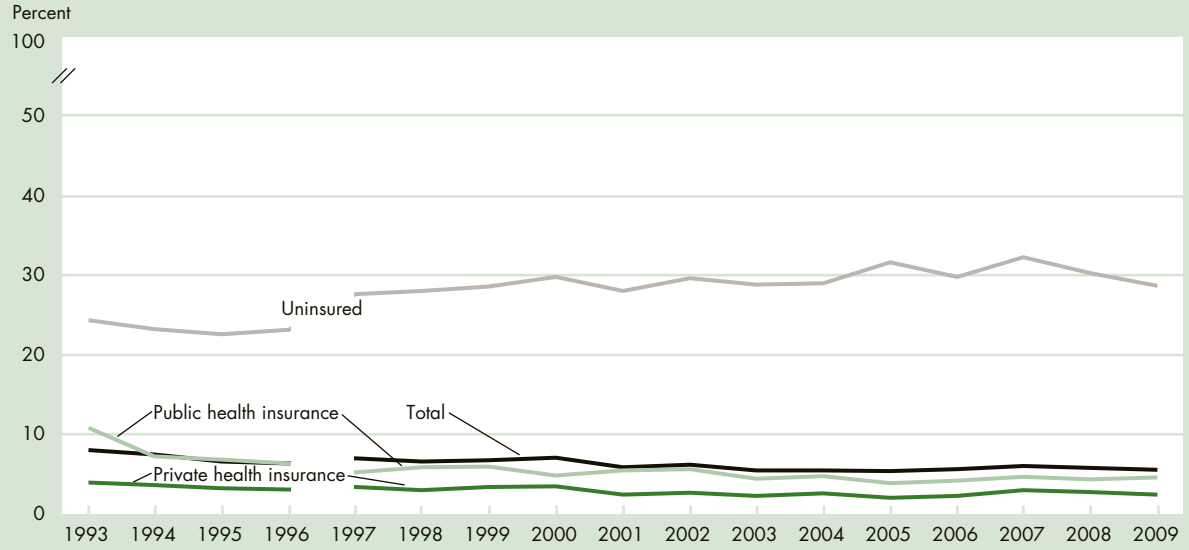
- In 2009, 90 percent of children had health insurance coverage at some point during the year, which was not statistically different from the percentage in 2008. In each year since 1987, between 85 and 90 percent of children have had health insurance.
- The number of children without health insurance at any time during 2009 was 7.5 million (10 percent of all children).[43]
- In 2009, 60 percent of children were covered by private health insurance at some time during the year, and 37 percent were covered by public health insurance at some time during the year. (Both estimates include the children covered by both public and private insurance at some time during the year; hence, the estimates sum to more than the estimated 90 percent of children with coverage.)
- Hispanic children were less likely to have health insurance, compared with White, non-Hispanic or Black children. In 2009, 83 percent of Hispanic children were covered at some time during the year by health insurance, compared with 93 percent of White, non-Hispanic children and 89 percent of Black children.[2]
- The type of insurance varied by the age of the child: younger children were more likely to have public health insurance than older children, while older children were more likely to have private health insurance than younger children.

Bullets contain references to data that can be found in Table HC1 on pages 129–130. Endnotes begin on page 75.

Usual Source of Health Care

The health of children depends at least partially on their access to health services. Health care for children includes physical examinations, preventive care, health education, observations, screening, immunizations, and sick care.[44] Having a usual source of care—a particular person or place a child goes to for sick and preventive care—facilitates the timely and appropriate use of pediatric services.[45,46] Emergency rooms are excluded here as a usual source of care because their focus on emergency care generally excludes the other elements of health care.[47]

Indicator HC2 **Percentage of children ages 0–17 with no usual source of health care by type of health insurance, 1993–2009**



NOTE: Children with both public and private insurance coverage are placed in the private insurance group. Emergency rooms are excluded as a usual source of care. A break is shown in the lines because in 1997 the National Health Interview Survey was redesigned. Data for 1997–2009 are not strictly comparable with earlier data.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

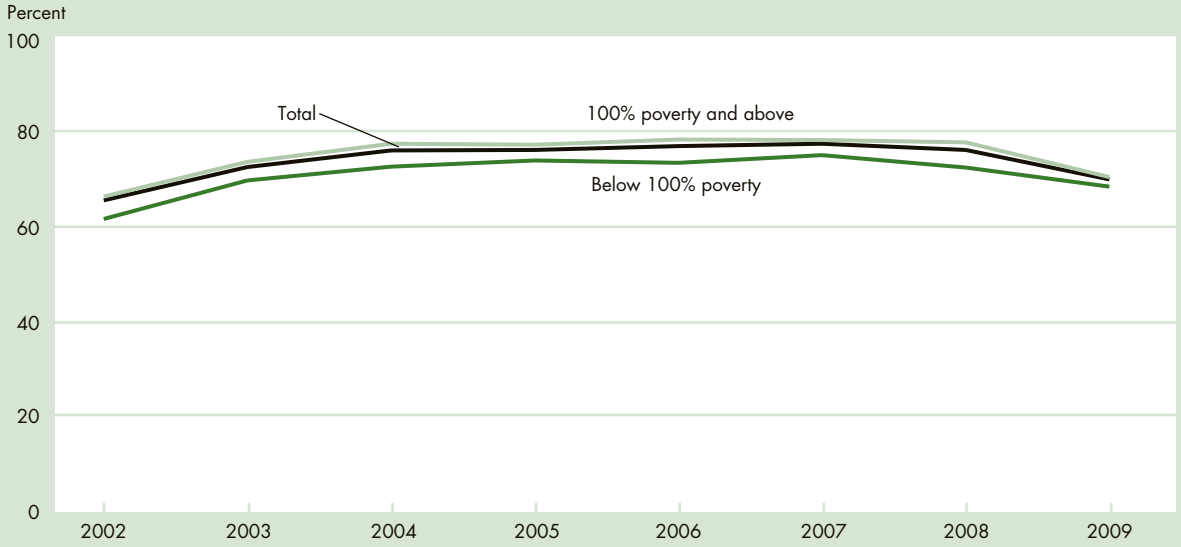
- In 2009, 6 percent of children had no usual source of health care.
- Uninsured children are much more likely to have no usual source of care than are children who have health insurance. For example, 29 percent of children who were not insured had no usual source of health care. This was more than 11 times the percentage of children with private health insurance who had no usual source of health care (2 percent).
- There are differences in the percentage of children having no usual source of care by type of health insurance coverage. In 2009, children with public insurance, such as Medicaid, were more likely to have no usual source of care than were children with private insurance (5 percent and 2 percent, respectively).
- In 2009, 9 percent of children living below the poverty level and 7 percent of children living in families with incomes 100–199 percent of the poverty level had no usual source of health care, compared with 4 percent of children with family incomes 200 percent or more of the poverty level.
- Older children are slightly more likely than younger children to lack a usual source of health care. In 2009, 6 percent of children ages 6–17 had no usual source of care, compared with 5 percent of children ages 0–5.

Bullets contain references to data that can be found in Table HC2 on page 131. Endnotes begin on page 75.

Immunization

Data on vaccination coverage are used to identify groups at risk of vaccine-preventable diseases, to monitor vaccination coverage, and to evaluate the effectiveness of programs designed to increase coverage. Rates of childhood and adolescent immunizations are one measure of how extensively children are protected from serious vaccine-preventable illnesses.

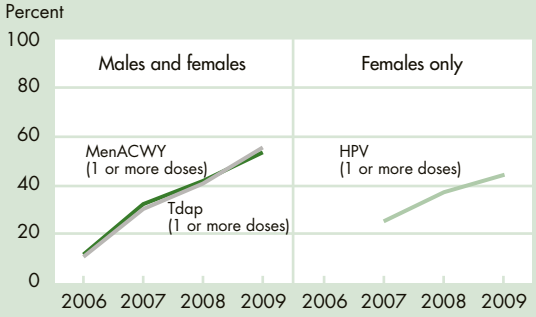
Indicator HC3.A **Percentage of children ages 19–35 months with the 4:3:1:3:3:1 combined series of vaccinations by poverty status, 2002–2009**



NOTE: The 4:3:1:3:3:1 series consists of 4 doses (or more) of diphtheria, tetanus toxoids, and pertussis (DTP) vaccines, diphtheria and tetanus toxoids (DT), or diphtheria, tetanus toxoids, and any acellular pertussis (DTaP) vaccines; 3 doses (or more) of poliovirus vaccines; 1 dose (or more) of any measles-containing vaccine; 3 doses (or more) of Haemophilus influenzae type b (Hib) vaccines; 3 doses (or more) of hepatitis B vaccines; and 1 dose (or more) of varicella vaccine. The collection of coverage estimates for this series began in 2002. The recommended immunization schedule for children is available at http://www.cdc.gov/vaccines/recs/schedules/child-schedule.htm#printable. The 2009 series estimates were affected by the Hib vaccine shortage and the interim Advisory Committee on Immunization Practices (ACIP) recommendation to suspend the booster dose for healthy children from December 2007 to June 2009, a time when most children in the 2009 National Immunization Survey would have been eligible for the booster dose of the Hib vaccine.

SOURCE: Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases and National Center for Health Statistics, National Immunization Survey.

Indicator HC3.B **Percentage of adolescents ages 13–17 with the routinely recommended-for-age vaccinations, 2006–2009**



NOTE: Data collection for 2006 and 2007 only included the fourth quarter. Human papillomavirus (HPV) coverage level indicates females initating the 3-dose series. Routinely recommended vaccines for administration beginning at ages 11–12 include tetanus-diphtheria-acellular pertussis (Tdap) and meningococcal conjugate (MenACWY) vaccines (both one dose), and HPV vaccine (3 doses) for females only. The recommended immunization schedule for adolescents is available at http://198.246.98.21/vaccines/recs/schedules/child-schedule.htm#printable.

SOURCE: Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases and National Center for Health Statistics, National Immunization Survey—Teen.

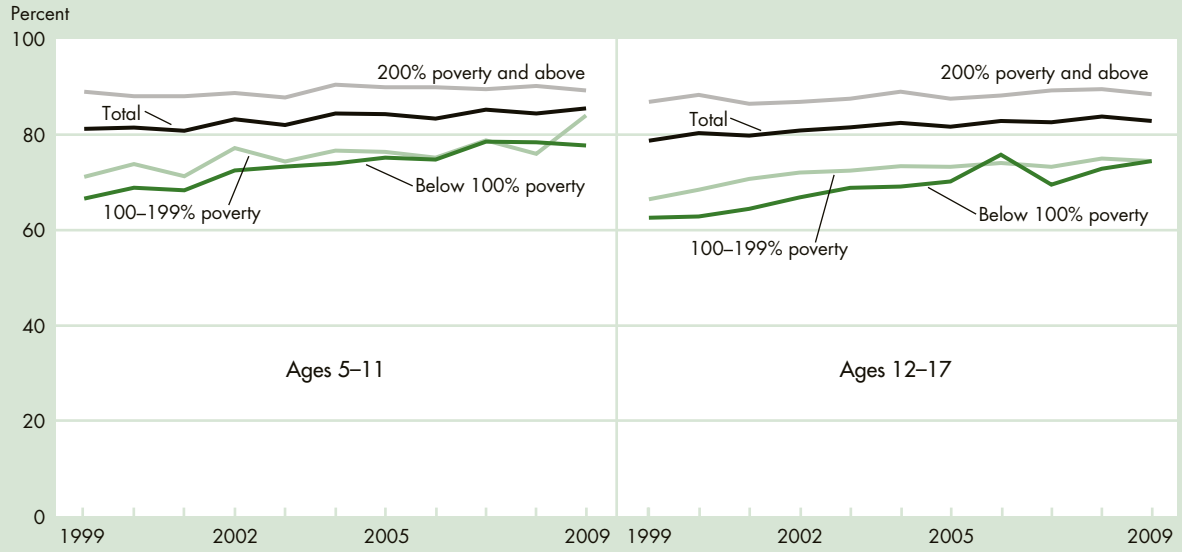
- In 2009, 70 percent of children ages 19–35 months had received the recommended combined six-vaccine series. The 2009 estimate was affected by the Hib vaccine shortage and the related interim ACIP recommendation.[48]
- Children living in families with incomes below the poverty level had lower rates of coverage (68 percent) compared with children in families with incomes at or above the poverty level (70 percent).
- Adolescent vaccination coverage has increased steadily since 2006, when data were first collected. Vaccination coverage with 1 dose (or more) of the Tdap increased from 30 percent in 2007 to 56 percent in 2009, and coverage with 1 dose (or more) of the MenACWY increased from 32 percent in 2007 to 54 percent in 2009.
- The percentage of adolescent females initiating the HPV series with 1 dose (or more) increased from 25 percent in 2007 to 44 percent in 2009.

Bullets contain references to data that can be found in Tables HC3.A and HC3.B on pages 132–135. Endnotes begin on page 75.

Oral Health

Oral health is an essential and integral component of overall health.[49] Good oral health requires both self-care and professional care. Regular dental visits provide an opportunity for prevention, early diagnosis, and treatment of oral and craniofacial diseases and conditions. Routine dental visits are recommended by the American Academy of Pediatric Dentistry beginning at one year of age.[50] Dental caries (cavities) is the single most common disease of childhood.[49] Since the early 1970s, the prevalence of dental caries in permanent teeth has dramatically declined in school-age children due to prevention efforts such as community water fluoridation programs and increased use of toothpastes containing flouride.[49] Dental caries, however, remains a significant problem among some racial or ethnic groups and among children in poverty.

Indicator HC4.A **Percentage of children ages 5–17 with a dental visit in the past year by age and poverty status, 1999–2009**

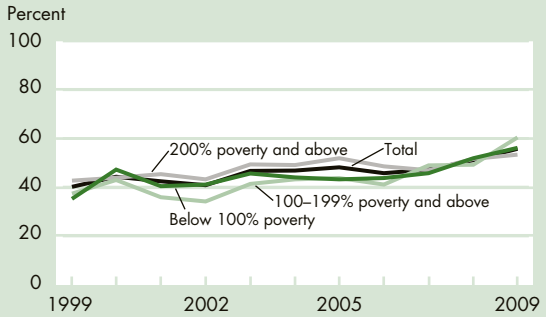


NOTE: From 1999 to 2000, children were identified as having a dental visit in the past year by asking parents "About how long has it been since your child last saw or talked to a dentist?" In 2001 and later years, the question was, "About how long has it been since your child last saw a dentist?" Parents were directed to include all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

- In 2009, 84 percent of children ages 5–17 had a dental visit in the past year; this was not significantly different from the percentage in 2008.
- Among children in poverty, 77 percent of those ages 5–11 and 74 percent of those ages 12–17 had a dental visit in the past year, whereas 89 and 88 percent, respectively, of children with family incomes 200 percent or more of the poverty level had a dental visit in the past year.
- Fifty-six percent of uninsured children ages 5–11 and 54 percent of uninsured children ages 12–17 had a dental visit, whereas 89 percent of children ages 5–11 and 12–17 with private health insurance had a dental visit.
- In 2009, children ages 2–4 were less likely to have had a dental visit in the past year (56 percent) than children ages 5–11 (85 percent) and children ages 12–17 (83 percent). Thirty-four percent of uninsured children ages 2–4 had a dental visit whereas 56 percent with private health insurance and 59 percent with public health insurance had a dental visit.

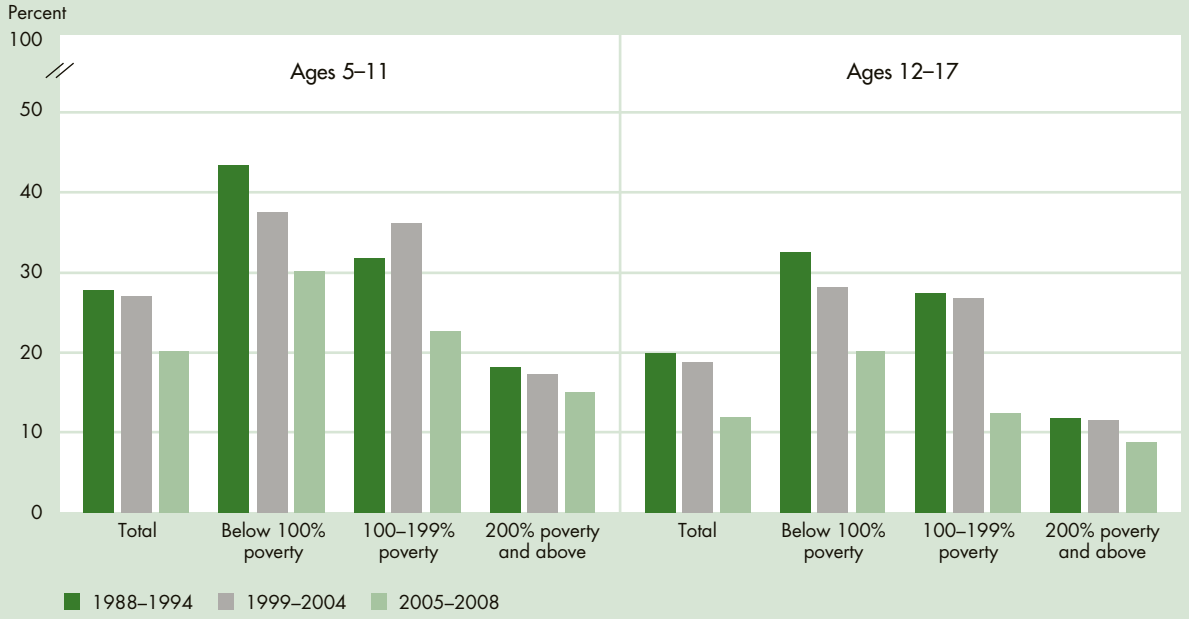
Indicator HC4.B **Percentage of children ages 2–4 with a dental visit in the past year by poverty status, 1999–2009**



NOTE: From 1999 to 2000, children were identified as having a dental visit in the past year by asking parents "About how long has it been since your child last saw or talked to a dentist?" In 2001 and later years, the question was, "About how long has it been since your child last saw a dentist?" Parents were directed to include all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Indicator HC4.C **Percentage of children ages 5–17 with untreated dental caries (cavities) by age and poverty status, 1988–1994, 1999–2004, and 2005–2008**



SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

- In 2005–2008, 16 percent of children ages 5–17 had untreated dental caries (cavities) upon dental examination, a decrease from 23 percent in 1999–2004.
- In 2005–2008, 20 percent of children ages 5–11 and 12 percent of children ages 12–17 had untreated dental caries.
- The percentage of younger children (ages 5–11) with untreated dental caries declined from 27 percent in 1999–2004 to 20 percent in 2005–2008. For older children (ages 12–17) the percentage declined from 19 percent in 1999–2004 to 12 percent in 2005–2008.
- In 2005–2008, among families living in poverty, the percentage of both younger and older children with untreated dental caries was at least twice that of children in families with incomes at or above 200 percent of the poverty level.
- From 1999–2004 to 2005–2008, the percentage of children with untreated dental caries significantly declined for children living below the poverty level and for children in families with incomes at 100–199 percent of the poverty level.
- For both younger and older children, the percentage of children with untreated dental caries was higher among Mexican American and Black, non-Hispanic children than among White, non-Hispanic children.

Bullets contain references to data that can be found in Tables HC4.A–B and HC4.C on pages 136–138. Endnotes begin on page 75.

Indicators Needed

Health Care

This report provides information on a limited number of key indicators on health care. Information on other aspects of health care is needed in order to fully understand the effect of health care on children's well-being. Additional indicators are needed on:

- *Adequacy of health insurance coverage.* This report contains information on whether children had health insurance coverage for at least part of the previous calendar year. Information is also needed on patterns of insurance coverage and on the characteristics of the child's insurance plan to determine whether the plan is adequate to meet health care needs.
- *Quality and content of health care.* This report contains information on children's usual source of health care and some aspects of health care utilization (e.g., immunizations), but additional regularly collected data are needed on the content and the quality of health care that children receive. High-quality health care has been defined as care that is safe, timely, effective, efficient, equitable, and patient-centered.

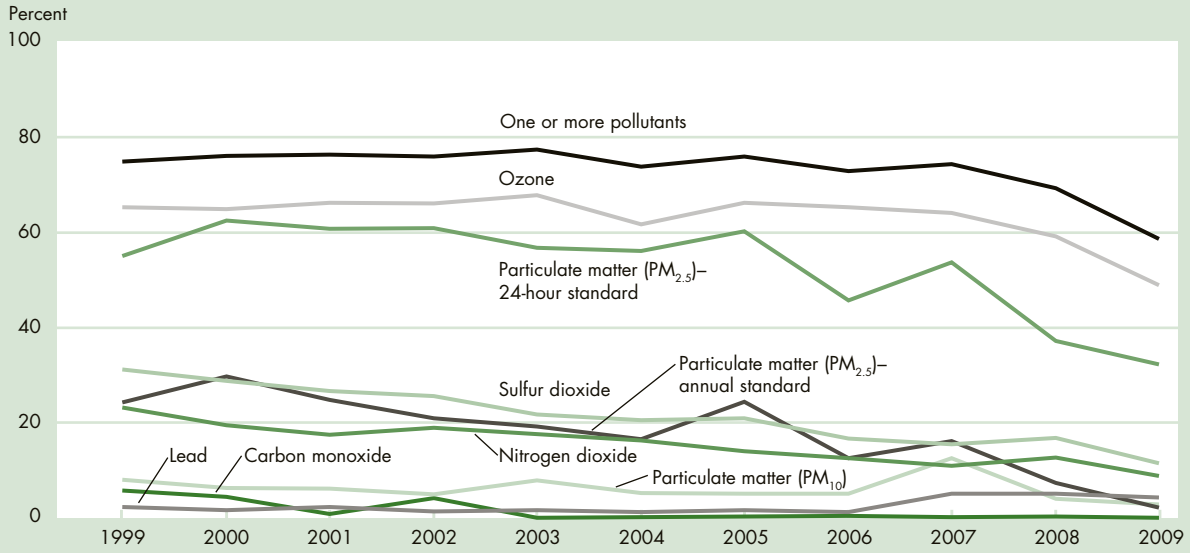
Physical Environment and Safety

The physical environment in which children live plays a role in their health, development, and safety. This section presents indicators on how environmental conditions such as outdoor air quality, environmental tobacco smoke, drinking water quality, and exposure to lead may affect children. In addition, indicators of housing problems, youth victims of serious violent crimes, and child and adolescent injury and mortality are presented.

Outdoor Air Quality

The environment in which children live plays an important role in their health and development. Children may be more vulnerable than adults to the adverse effects of environmental contaminants in air, food, drinking water, and other sources because their bodies are still developing. In addition, children have increased potential for exposure to pollutants because they eat, drink, and breathe more, in proportion to the size of their bodies, than adults. One important measure of children's environmental health is the percentage of children living in areas in which air pollution levels are higher than the allowable levels of the Primary National Ambient Air Quality Standards.[51] These standards, established by the Environmental Protection Agency under the Clean Air Act, are designed to protect public health, including the health of susceptible populations such as children. Ozone, particulate matter, sulfur dioxide, and nitrogen dioxide are air pollutants associated with increased asthma episodes and other respiratory illnesses in children. These problems can lead to increased emergency room visits and hospitalizations.[52–55] Lead can affect the development of the central nervous system in young children,[56] and exposure to carbon monoxide can reduce the capacity of blood to carry oxygen.[57]

Indicator PHY1 **Percentage of children ages 0–17 living in counties in which levels of one or more air pollutants were above allowable levels, 1999–2009**



NOTE: Data have been revised since previous publication in *America's Children*. Values have been recalculated based on updated data in the Air Quality System. This analysis incorporates the revised Primary National Ambient Air Quality Standards for nitrogen dioxide and sulfur dioxide that were promulgated in 2010. The $PM_{2.5}$ 24-hour standard, promulgated in 2006, has also been added to the figure. Averaging time of ambient pollutant concentrations varies by pollutant: 1 hour for nitrogen dioxide and sulfur dioxide; 8 hours for ozone and carbon monoxide; 24 hours for PM_{10}; and 3 months for lead. Two different averaging times are considered for $PM_{2.5}$: 24-hour and annual.

SOURCE: Environmental Protection Agency, Office of Air and Radiation, Air Quality System.

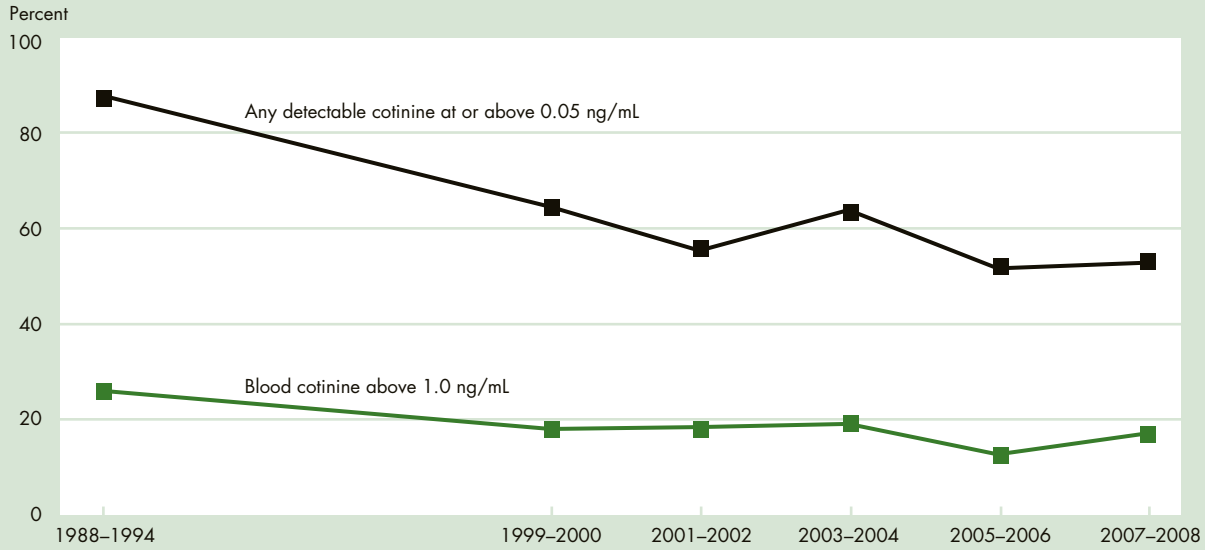
- In 2009, 59 percent of children lived in counties in which one or more air pollutants were above the allowable levels defined by the Primary National Ambient Air Quality Standards.
- Ozone is the pollutant that is most often above allowable levels. In 2009, 49 percent of children lived in counties in which ozone concentrations were above allowable levels.
- In 2009, approximately 32 percent of children lived in counties where levels of fine particulate matter ($PM_{2.5}$) were above the 24-hour allowable level, compared with 55 percent in 1999. The term "particulate matter" (PM) includes both solid particles and liquid droplets found in air.[55] Airborne particles measuring less than 10 micrometers in diameter (PM_{10}) pose a health concern because they can be inhaled into and accumulate in the respiratory system. Particles less than 2.5 micrometers in diameter ($PM_{2.5}$) are referred to as "fine" particles and are believed to pose the larger health risks because they can lodge deeply in the lungs, even with intermittent exposure.
- From 1999–2009, the percentage of children living in counties that exceeded the current 1-hour standard for sulfur dioxide declined from about 31 percent to about 11 percent. Over the same years, the percentage of children living in counties that exceeded the current 1-hour standard for nitrogen dioxide decreased from about 23 percent to about 9 percent.

Bullets contain references to data that can be found in Table PHY1 on page 139. Endnotes begin on page 75.

Environmental Tobacco Smoke

Children who are exposed to environmental tobacco smoke, also known as secondhand smoke, have an increased probability of experiencing such adverse health effects as infections of the lower respiratory tract, bronchitis, pneumonia, middle ear disease, sudden infant death syndrome (SIDS), and respiratory symptoms.[58] Secondhand smoke can also play a role in the development and exacerbation of asthma.[58] The U.S. Surgeon General has determined that there is no risk-free level of exposure to secondhand smoke.[58] Cotinine, a breakdown product of nicotine, is a marker for recent (previous 1–2 days) exposure to secondhand smoke in nonsmokers.

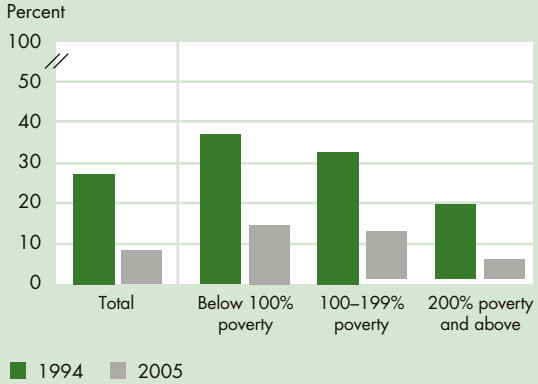
Indicator PHY2.A **Percentage of children ages 4–11 with specified blood cotinine levels, selected years 1988–2008**



NOTE: Cotinine levels are reported for nonsmoking children only. "Any detectable cotinine" indicates blood cotinine levels at or above 0.05 nanograms per milliliter (ng/mL), the detectable level of cotinine in the blood in 1988–1994. The average (geometric mean) blood cotinine level in children living in homes where someone smoked was 1.0 ng/mL in 1988–1994[59] and in 2003–2006.[60]

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

Indicator PHY2.B **Percentage of children ages 0–6 living in homes where someone smoked regularly by poverty status, 1994 and 2005**



NOTE: A home where someone smoked regularly is defined as one in which smoking by a resident occurred 4 or more days per week.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

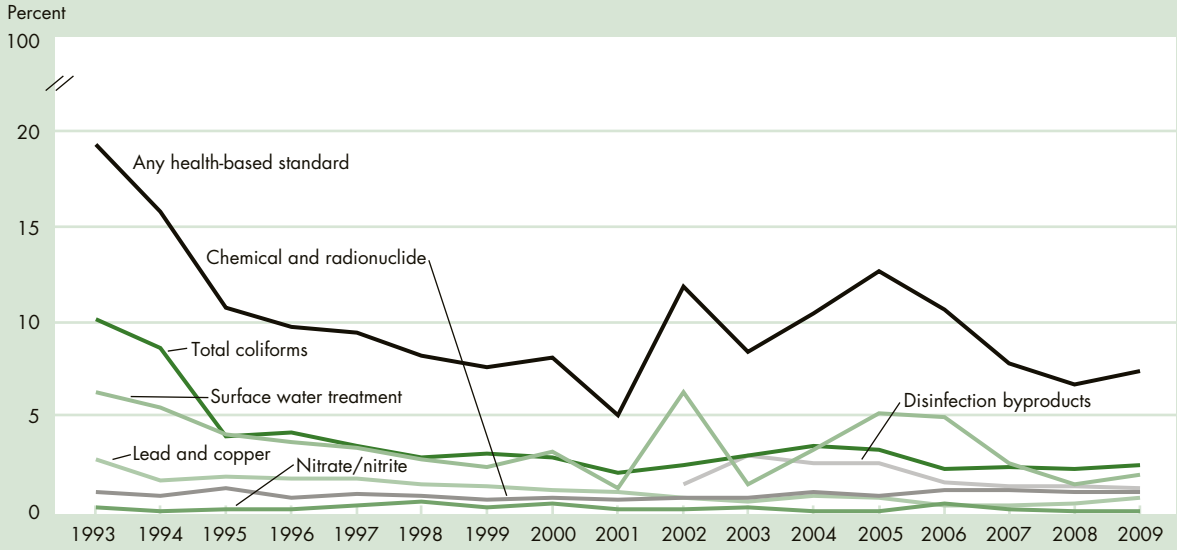
- The percentage of children ages 4–11 with detectable blood cotinine levels decreased from 88 percent in 1988–1994 to 53 percent in 2007–2008. In 2007–2008, 17 percent had blood cotinine levels more than 1.0 nanograms per milliliter (ng/mL), down from 26 percent in 1988–1994.
- In 2005, the percentage of children ages 0–6 living in homes where someone smoked regularly was 8 percent, compared with 27 percent in 1994.[61] Children living below the poverty level and Black, non-Hispanic children were more likely than their peers to be living in homes where someone smoked regularly.

Bullets contain references to data that can be found in Tables PHY2.A and PHY2.B on page 140. Endnotes begin on page 75.

Drinking Water Quality

Contaminants in surface and ground waters that serve as sources of drinking water may be quite varied and may cause a range of health effects in children, including acute diseases such as gastrointestinal illness, developmental effects such as learning disorders, and serious long-term illnesses such as cancer.[62] The Environmental Protection Agency (EPA) sets drinking water standards designed to protect people against adverse health effects. These standards currently include Maximum Contaminant Levels (MCLs) and treatment technique requirements for over 90 chemical, radiological, and microbiological contaminants.[63] One way to gain insight into children's potential exposure to drinking water contaminants is to look at community water system compliance with these standards. EPA's drinking water regulations require public water systems, including community water systems, to monitor for compliance with Federal health-based standards and to treat their water if needed to meet standards. About 15 percent of the population receives drinking water from private water systems that are not required to monitor and report the quality of drinking water.[64]

Indicator PHY3 **Percentage of children served by community water systems that did not meet all applicable health-based drinking water standards, 1993–2009**



NOTE: A new standard for disinfection byproducts was implemented beginning in 2002 for larger drinking water systems and in 2004 for smaller systems. Revisions to the standard for surface water treatment took effect in 2002. A revised standard for radionuclides went into effect in 2003. A revised standard for arsenic (included in the Chemical and radionuclide category) went into effect in 2006. No other revisions to the standards have taken effect during the period of trend data (beginning with 1993). Data have been revised since previous publication in *America's Children*. Values for years prior to 2009 have been recalculated based on updated data in the Safe Drinking Water Information System.

SOURCE: Environmental Protection Agency, Office of Water, Safe Drinking Water Information System.

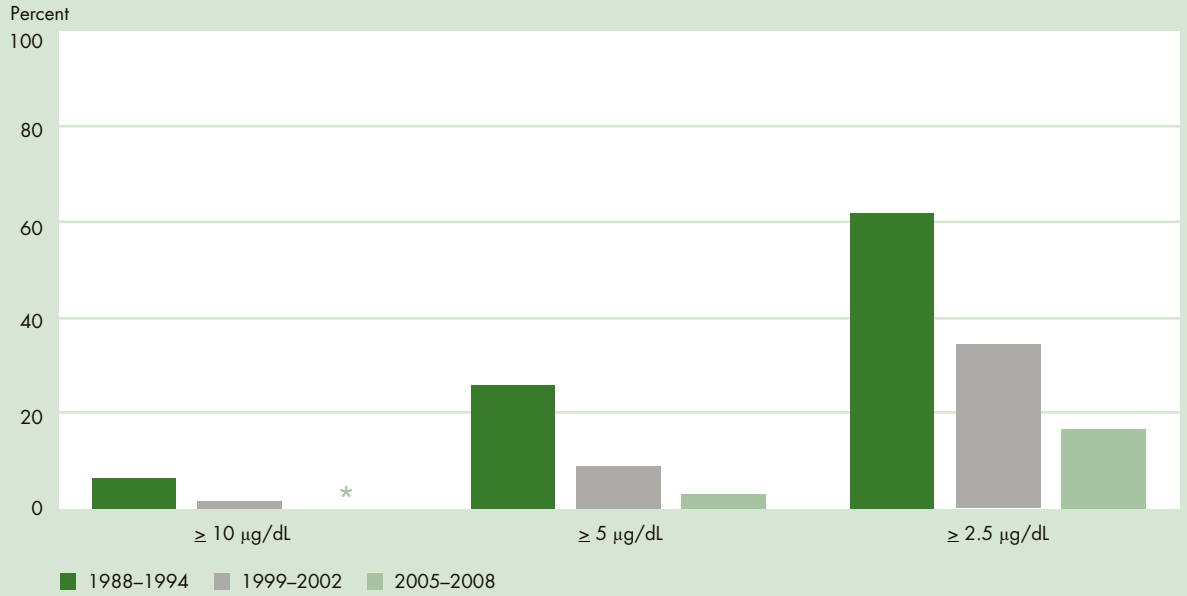
- The percentage of children served by community drinking water systems that did not meet all applicable health-based standards declined from 19 percent in 1993 to about 8 percent in 1999. Since 1999, this percentage has fluctuated between 5 and 13 percent and was 7 percent in 2009.
- Coliforms indicate the potential presence of harmful bacteria associated with infectious illnesses. The percentage of children served by community drinking water systems that did not meet the health-based standard for total coliforms was about 10 percent in 1993 and about 3 percent in 2009.
- EPA adopted a new standard for disinfection byproducts in 2001. Disinfection byproducts are formed when drinking water disinfectants react with naturally-occurring organic matter in water. In 2009, about 1 percent of all children served by community water systems were served by systems that had violations of the disinfection byproducts standard. Exposure to disinfection byproducts may lead to cancer or developmental effects.[65]

Bullets contain references to data that can be found in Table PHY3 on page 141. Endnotes begin on page 75.

Lead in the Blood of Children

Lead is a major environmental health hazard for young children. Childhood exposure to lead contributes to learning problems and behavioral problems.[66–69] A blood lead level of 10 micrograms per deciliter (µg/dL) or greater is considered elevated, but adverse health effects can occur at much lower concentrations.[70,71] A child with a 10 µg/dL blood lead level will experience, on average, a decrease in IQ of 6 points.[67] Lead exposures have declined since the 1970s, due largely to the removal of lead from gasoline and fewer homes with lead-based paint. However, 25 percent of U.S. homes have significant lead-based paint hazards, such as high lead levels in dust and soil, which may contribute to childhood exposure.[72] Children ages 1–5 are particularly vulnerable because they frequently engage in hand-to-mouth behavior.

Indicator PHY4.A **Percentage of children ages 1–5 with specified blood lead levels, 1988–1994, 1999–2002, and 2005–2008**



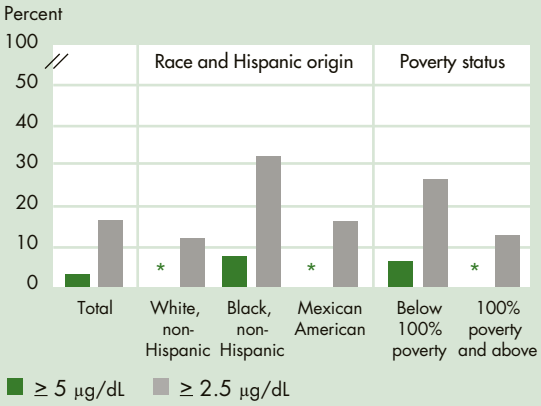
* 2005–2008 estimate is considered unreliable (relative standard error greater than 40 percent).

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

- Children's blood lead levels in 2005–2008 were lower than in 1988–1994.
- In 2005–2008, about 16 percent of children ages 1–5 had blood lead levels greater than 2.5 µg/dL, and 3 percent had levels greater than 5 µg/dL. The estimate of children with levels greater than 10 µg/dL is a low percentage, and the available sample is too small to provide a statistically reliable estimate.
- About 32 percent of Black, non-Hispanic children, 16 percent of Mexican American children, and 12 percent of White, non-Hispanic children had blood lead levels at or above 2.5 µg/dL in 2005–2008.
- Children living in poverty generally had greater blood lead levels than children in families with incomes at or above the poverty line.
- The median blood lead concentration for children ages 1–5 dropped from about 15 µg/dL in 1976–1980 to about 1 µg/dL in 2005–2008.[73]

Bullets contain references to data that can be found in Tables PHY4.A and PHY4.B on page 142. Endnotes begin on page 75.

Indicator PHY4.B **Percentage of children ages 1–5 with specified blood lead levels by race and Hispanic origin[74] and poverty status, 2005–2008**



* Estimate is considered unreliable (relative standard error greater than 40 percent).

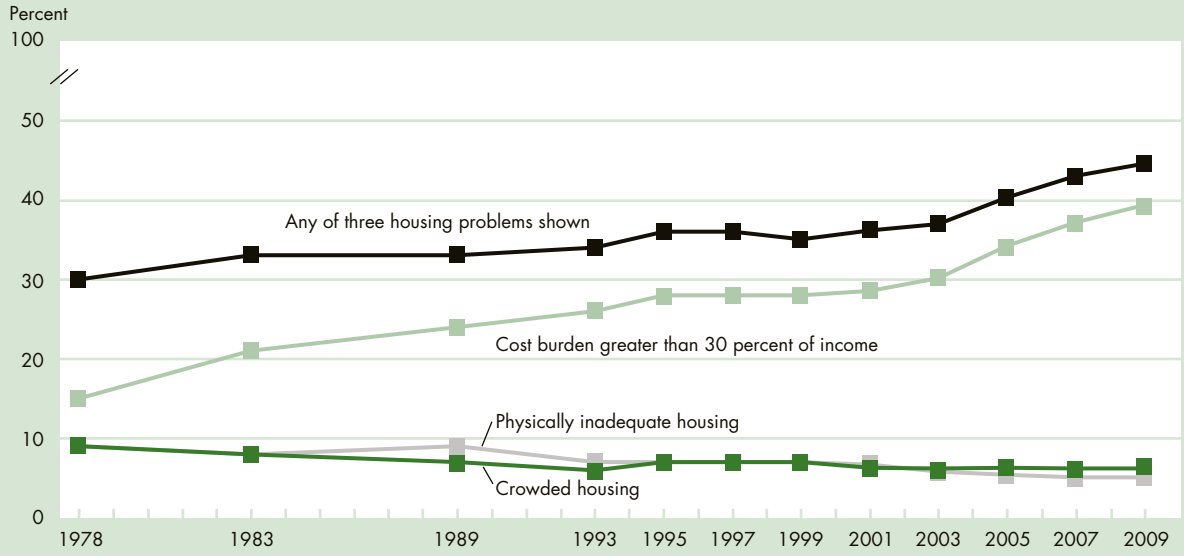
NOTE: Data for percentage of children with blood lead above 10 µg/dL are not shown because estimates by race and Hispanic origin and by poverty status are considered unreliable.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

Housing Problems

Inadequate, crowded, or too costly housing can pose serious problems to children's physical, psychological, and material well-being.[75,76] Housing cost burdens, especially at high levels, are a risk factor for negative outcomes for children, including homelessness, overcrowding, poor nutrition, frequent moving, and lack of supervision while parents are at work.[77] The percentage of households with children that report that they are living in physically inadequate,[78] crowded, or costly housing provides insight into how commonly children's well-being may be affected by their family's housing.

Indicator PHY5 **Percentage of households with children ages 0–17 that reported housing problems by type of problem, selected years 1978–2009**



NOTE: Data are available for 1978, 1983, 1989, and biennially since 1993. All data are weighted using the decennial Census that preceded the date of their collection.

SOURCE: U.S. Census Bureau and Department of Housing and Urban Development, American Housing Survey. Tabulated by Department of Housing and Urban Development.

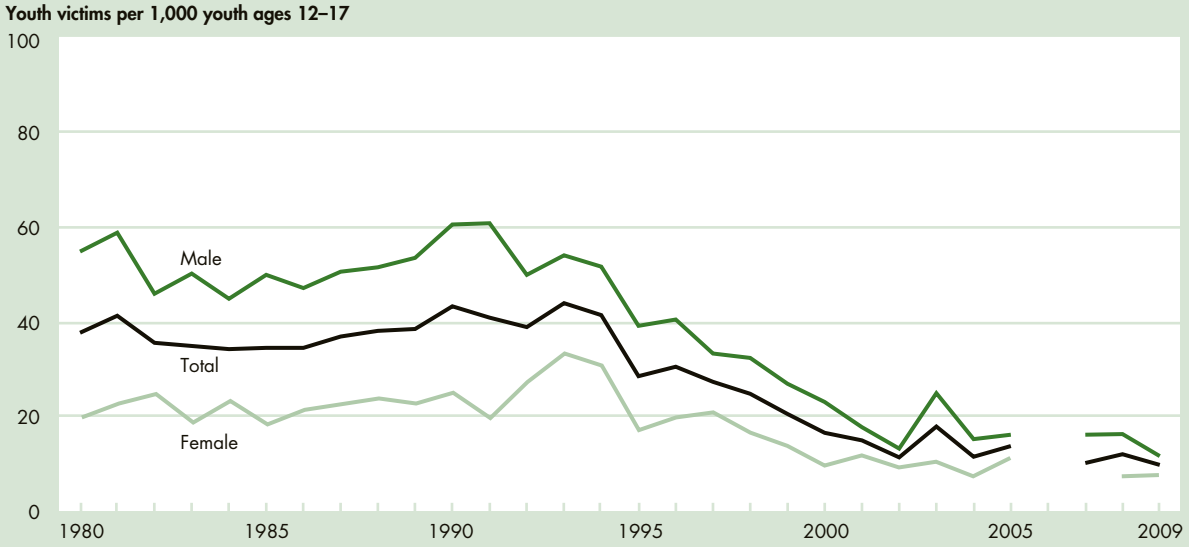
- In 2009, 45 percent of U.S. households (both owners and renters) with children had one or more of three housing problems: physically inadequate housing, crowded housing, or cost burden resulting from housing that costs more than 30 percent of household income.[79] In comparison, 43 percent of households with children had a housing problem in 2007, and only 30 percent had a housing problem in 1978.
- A historically low percentage of households with children have physically inadequate housing, defined as housing with severe or moderate physical problems. In 2009, 5 percent of households with children had physically inadequate housing, compared with 9 percent in 1978.
- Crowded housing, defined as more than one person per room, remained stable at 6 percent of households with children in 2009, following reductions in crowded housing observed through 1993.
- Improvements in housing conditions, however, have been accompanied by rising housing costs. Between 1978 and 2009, the incidence of cost burdens among households with children more than doubled, from 15 percent to 39 percent. The proportion of households with severe cost burdens, defined as paying more than half of their income for housing, tripled over the same period, rising from 6 percent to 18 percent.
- Severe housing problems are defined as severe cost burdens or severe physical problems experienced by households that receive no rental assistance.[80] The percentage of households with children facing severe housing problems increased from 15 percent in 2007 to 17 percent in 2009.
- Severe housing problems are especially prevalent among very-low-income renters.[81] The incidence of severe problems among very-low-income renters with children increased from 35 percent in 2007 to 40 percent in 2009.
- During 2009, an estimated 346,000 children utilized homeless shelters or transitional housing services, a rate of 4.6 per 1,000 children.[82] An estimated 156,000 children, or 2.1 per 1,000 children, were found to be homeless during a single night in January 2009.[83]

Bullets contain references to data that can be found in Table PHY5 on page 143. Endnotes begin on page 75.

Youth Victims of Serious Violent Crimes

Violence frequently has serious and long-lasting impacts on young people who experience, witness, or feel threatened by it. In addition to the direct physical harm suffered by victims of serious violence, such violence can adversely affect young victims' mental health and development and increase the likelihood that they themselves will commit acts of serious violence.[84,85] Youth ages 12–17 were more than twice as likely as adults to be victims of serious violent crimes.[86]

Indicator PHY6 **Youth victims of serious violent crimes: Rate of serious violent crime victimization of youth ages 12–17 by gender, 1980–2005 and 2007–2009**



NOTE: Serious violent crimes include aggravated assault, rape, robbery (stealing by force or threat of violence), and homicide. Homicide data were not available for 2009 at the time of publication. The number of homicides for 2008 is included in the overall total for 2009. In 2008, homicides represented less than 1 percent of serious violent crime, and the total number of homicides of juveniles has been relatively stable over the last decade. Because of changes, data prior to 1992 are adjusted to make them comparable with data collected under the redesigned methodology. Data from 2006 are not included because, due to changes in methodology, 2006 crime victimization rates are not comparable to other years and cannot be used for yearly trend comparisons. Some 2006–2008 estimates have been revised since previous publication in *America's Children* due to updating of more recent homicide numbers. See *Criminal Victimization, 2006*, http://bjs.ojp.usdoj.gov/index.cfm?ty=pbdetail&iid=765. Reporting standards were not met for the 2007 estimate for females.

SOURCE: Bureau of Justice Statistics, National Crime Victimization Survey and Federal Bureau of Investigation, Uniform Crime Reporting Program, Supplementary Homicide Reports.

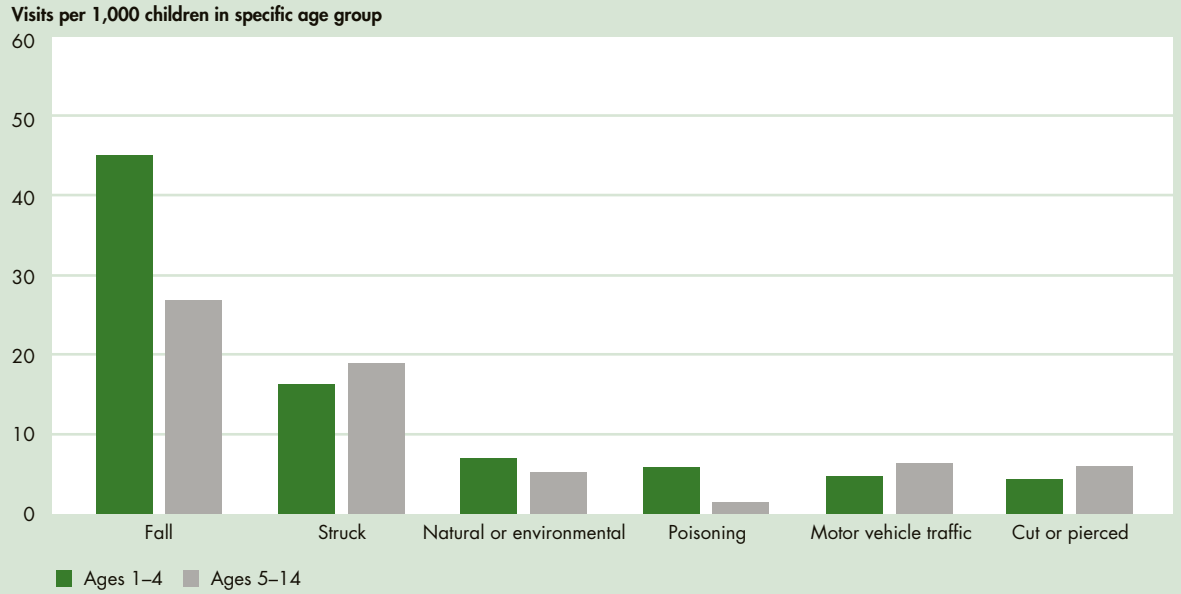
- In 2009, the rate at which youth were victims of serious violent crimes was 10 crimes per 1,000 youth ages 12–17. A total of 233,800 such crimes occurred in 2009.
- Serious violent crime involving youth victims stayed about the same in 2008 and 2009. However, the rate is still significantly lower than its peak in 1993. In 1993, the serious violent crime victimization rate was 44 per 1,000 youth, compared with the 2009 rate of 10 per 1,000 youth.
- In 2009, White, non-Hispanic youth were as likely as Hispanic youth to be victims of a serious violent crime.
- Older youth (ages 15–17) were as likely to be victims of a serious violent crime as younger youth (ages 12–14) were in 2009.

Bullets contain references to data that can be found in Table PHY6 on page 144. Endnotes begin on page 75.

Child Injury and Mortality

Although injury death rates have declined over the past two decades, unintentional injuries remain the leading cause of death for children ages 1–4 and ages 5–14. In addition, nonfatal injuries continue to be important causes of child morbidity, disability, and reduced quality of life.[87] In 2000, the total lifetime costs (medical expenses and productivity losses) of injuries among children ages 0–14 were estimated to be over $50 billion.[88] For every fatal injury among children ages 1–14, there are 29 injury-related hospitalizations and 1,110 injury-related emergency department visits.[89] The leading causes of injury differ for children and adolescents (see PHY8.A).

Indicator PHY7.A **Emergency department visit rates for children ages 1–4 and 5–14 by leading causes of injury visits, 2007–2008**

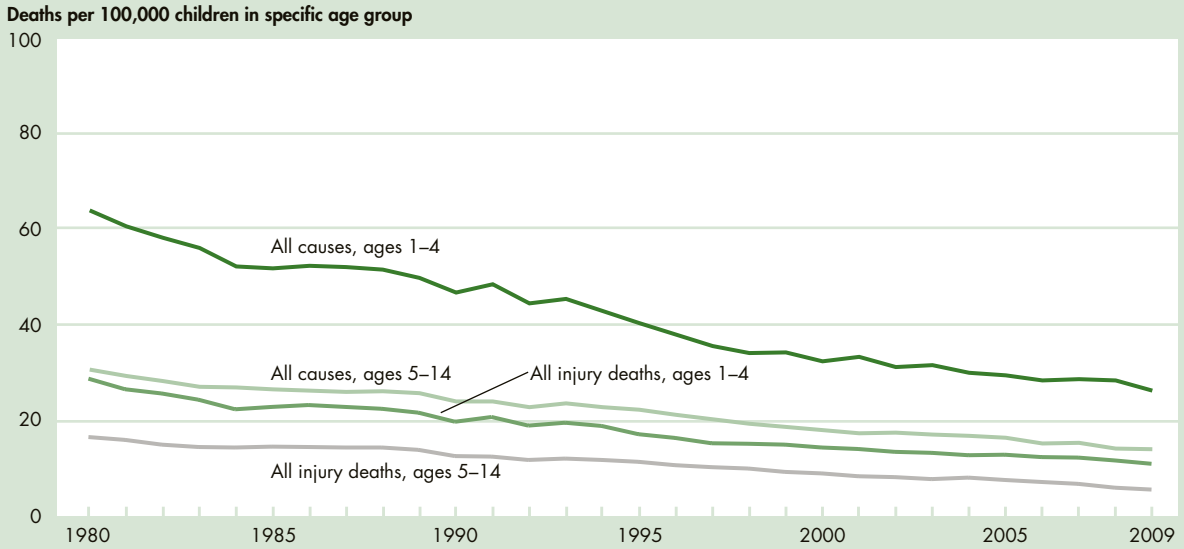


NOTE: Visits are the initial visit to the emergency department for the injury. Among causes of injury, "struck" denotes being struck by or against an object or person, "natural or environmental" denotes injuries caused by natural or environmental factors such as insect or animal bites, and "cut or pierced" denotes injuries caused by cutting or piercing from instruments or objects.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey.

- Among children ages 1–14, falls and being struck by or against an object or person are the two leading causes of injury-related emergency department visits. In 2007–2008, there were 45 annual emergency department visits for falls per 1,000 children ages 1–4, whereas the rate was 27 visits per 1,000 children ages 5–14. Falls accounted for 39 percent of initial injury visits for children ages 1–4 and 28 percent of initial injury visits for children ages 5–14.[90]
- Younger children frequently strike furniture after running, tripping, or falling, whereas older children are often struck as a result of play or sports. Emergency department visit rates for being struck by or against an object or person were 16 visits per 1,000 for children ages 1–4 and 19 visits per 1,000 for children ages 5–14. Among children ages 1–4, 17 percent of the emergency department visits resulting from being struck by or against an object or person were related to striking furniture. Among children ages 5–14, 21 percent of the emergency department visits resulting from being struck by or against an object or person were sports-related.[90]
- Emergency department visit rates for injuries caused by natural and environmental factors, poisonings, cutting or piercing from instruments or objects, and motor vehicle traffic crashes ranged between 4 and 7 visits per 1,000 for children ages 1–4 and ranged between 1 and 6 visits per 1,000 for children ages 5–14.
- Emergency department visit rates for poisoning were higher among children ages 1–4 (6 per 1,000) than among children ages 5–14 (1 per 1,000).
- For children ages 1–4 and 5–14, 1 to 2 percent of injury-related emergency department visits resulted in hospitalizations, although the percentage varied by cause.[90]

Indicator PHY7.B **Death rates among children ages 1–4 and 5–14 by all causes and all injury causes, 1980–2009**

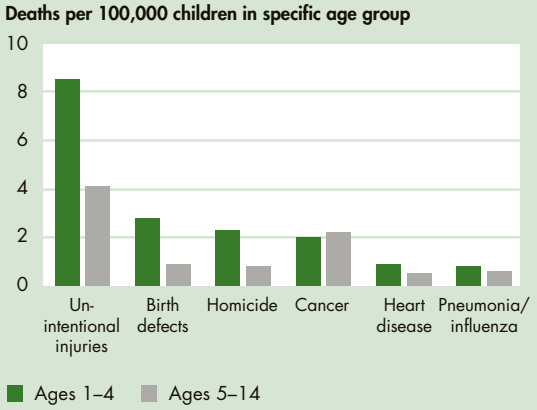


NOTE: 2008 and 2009 data were preliminary. Caution should be taken in interpreting injury death rates based on preliminary data, as these tend to be underestimated. See *Deaths: Preliminary data for 2009*, http://www.cdc.gov/nchs/data/nvsr/nvsr59/nvsr59_04.pdf.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

- In 2009, the death rate for children ages 1–4 was 26 per 100,000 children, down from 28 per 100,000 in 2008. For children ages 5–14 in 2008 and 2009, the death rate was 14 per 100,000 children. Between 1980 and 2009, the death rate declined by half or more for both age groups.
- Among both younger and older children, Black children had the highest death rates in 2009, at 38 per 100,000 children ages 1–4 and 20 per 100,000 children ages 5–14. Asian or Pacific Islander children had the lowest death rates.
- In 2009, among children ages 1–4 and 5–14, unintentional injuries (accidents) were the leading cause of death: 9 deaths per 100,000 children ages 1–4 and 4 deaths per 100,000 children ages 5–14. For children ages 1–4, the next most frequent causes of death were birth defects (3 per 100,000 children) and homicide and cancer (2 per 100,000 each). For children ages 5–14, the next most frequent causes of death were cancer (2 per 100,000) and homicide and birth defects (1 per 100,000 children each).
- In 2009, the injury death rate was 11 per 100,000 for children ages 1–4 and 6 per 100,000 for children ages 5–14.
- Between 1980 and 2007, motor vehicle traffic and drowning death rates declined by one-half or more among children ages 1–4.
- In 2007, among children ages 10–14, homicide and suicide were the third and fourth leading causes of death (1.2 and 1.0 deaths per 100,000, respectively), after unintentional injuries and cancer.[91]

Indicator PHY7.C **Death rates among children ages 1–4 and 5–14 by cause of death, 2009**



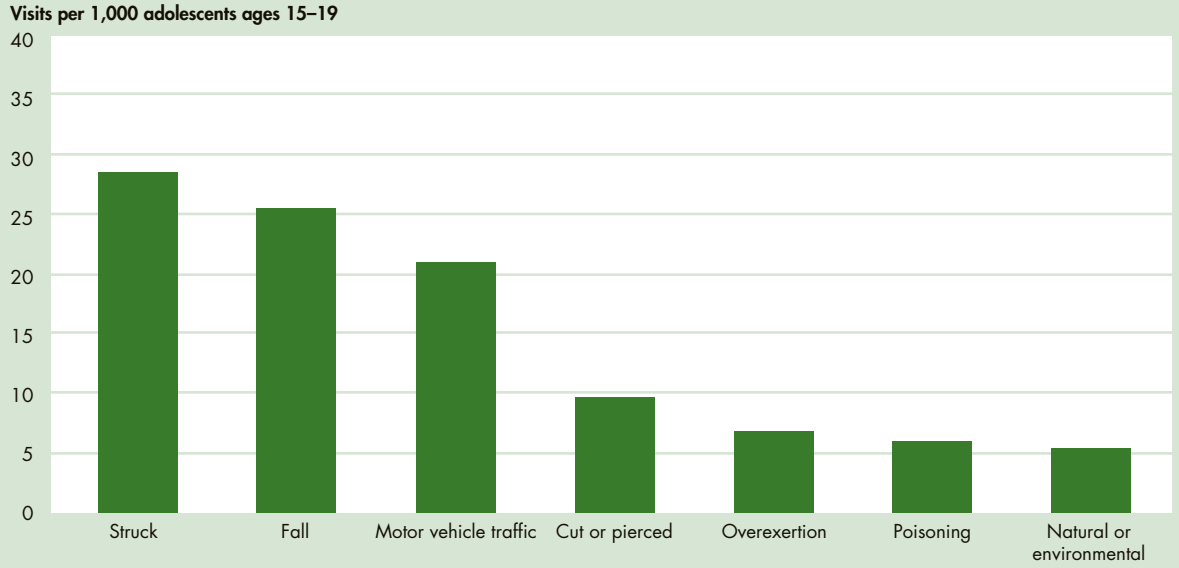
SOURCE: National Center for Health Statistics, National Vital Statistics System.

Bullets contain references to data that can be found in Tables PHY7.A and PHY7.B on pages 145–147. Endnotes begin on page 75.

Adolescent Injury and Mortality

Injury accounts for close to 80 percent of adolescent deaths. Compared with younger children, adolescents ages 15–19 have much higher mortality rates overall and from injuries. Adolescents are much more likely to die from injuries sustained from motor vehicle traffic crashes and firearms than are younger children.[92] The leading causes of nonfatal injuries in adolescents also differ from those in younger children. For example, the leading cause of adolescent nonfatal injury is being struck by or against an object or person, whereas for younger children, the leading cause of nonfatal injury is falls (see PHY7.A). In addition, nonfatal injuries for adolescents more often result from violence, sports-related activities, or motor vehicle traffic crashes. For each fatal injury among adolescents, there are 12 injury-related hospitalizations and nearly 260 injury-related emergency department visits.[89]

Indicator PHY8.A **Emergency department visit rates for adolescents ages 15–19 by leading causes of injury visits, 2007–2008**

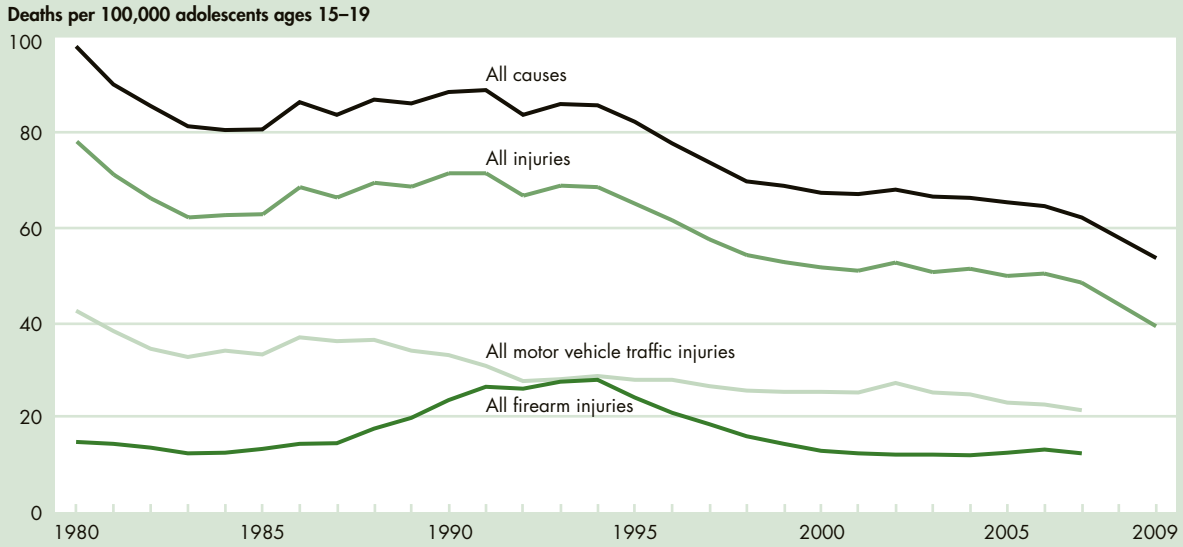


NOTE: Visits are the initial visit to the emergency department for the injury. Among causes of injury, "struck" denotes being struck by or against an object or person, "cut or pierced" denotes injuries caused by cutting or piercing from instruments or objects, "overexertion" denotes excessive physical exercise or strenuous movements in recreational or other activities, and "natural or environmental" denotes injuries caused by natural or environmental factors such as insect or animal bites.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey.

- In 2007–2008, the leading causes of injury-related emergency department visits among adolescents ages 15–19 were being struck by or against an object or person (29 visits per 1,000), falls (26 visits per 1,000), and motor vehicle traffic crashes (21 visits per 1,000), altogether accounting for more than half of the 137.1 injury-related emergency department visits for this age group.
- Injury-related emergency department visits for adolescents being struck by or against an object or person were most often the result of an assault (28 percent) or a sports-related activity (25 percent).[90]
- Injuries caused by cutting or piercing from instruments or objects, overexertion from excessive physical exercise or strenuous movements in recreational or other activities, poisonings, and natural or environmental factors were also among the leading causes of injury-related emergency department visits among adolescents ages 15–19, ranging from 5 to 10 visits per 1,000 adolescents.
- Emergency department visit rates for poisonings among adolescents ages 15–19 (6.0 visits per 1,000) were similar to rates among children ages 1–4 (5.9 visits per 1,000) and higher than rates among children ages 5–14 (1.4 visits per 1,000).
- For adolescents ages 15–19, 2 percent of injury-related emergency department visits resulted in hospitalizations.[90]

Indicator PHY8.B **Death rates among adolescents ages 15–19 by all causes and all injury causes and selected mechanisms of injury, 1980–2009**



NOTE: 2008 and 2009 data were preliminary. Caution should be taken in interpreting injury death rates based on preliminary data, as these tend to be underestimated. See *Deaths: Preliminary data for 2009,* http://www.cdc.gov/nchs/data/nvsr/nvsr59/ncsr59_04.pdf.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

- The death rate for adolescents ages 15–19 declined to 53.4 per 100,000 in 2009 from 57.7 per 100,000 in 2008 and 61.9 per 100,000 in 2007.
- Almost three-fourths of adolescent deaths are from injuries. In 2009, the injury death rate was 39 per 100,000, which is a decline from the injury death rate of 44 per 100,000 in 2008. The injury death rate has decreased by half since 1980, despite a period of increase in the late 1980s and early 1990s.
- In 2007, about 70 percent of injury deaths among adolescents were related to either motor vehicle traffic (21 per 100,000) or firearms (12 per 100,000). Since 1980, the motor vehicle traffic death rate has decreased by nearly 50 percent. From 1980 to 1987, the firearm death rate was relatively steady, from 1987 to 1994 the rate increased, and since 1994 the rate declined by more than one half.
- Injury deaths can also be reported by intent. In 2007, unintentional injury accounted for more than 60 percent of all injury deaths (30 per 100,000) among adolescents.
- In 2007, homicides accounted for 21 percent of injury deaths and suicide accounted for 14 percent of injury deaths. In 2007, there were 10 homicides per 100,000 adolescents; 85 percent of the homicides were firearm related. There were 7 suicide deaths per 100,000 adolescents; over 40 percent of the suicides were firearm related.

Bullets contain references to data that can be found in Tables PHY8.A and PHY8.B on pages 148–151. Endnotes begin on page 75.

Indicators Needed

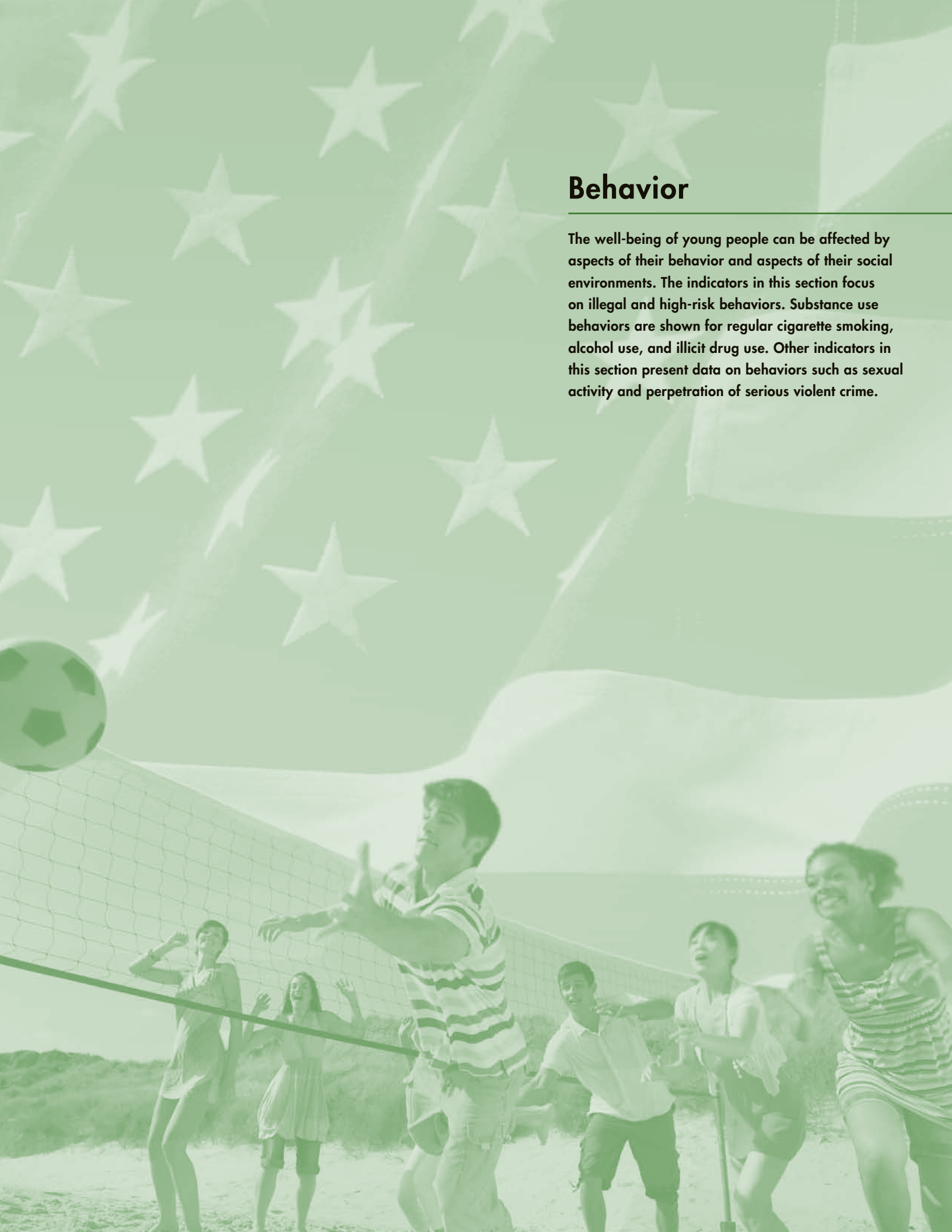
Physical Environment and Safety

A broader set of indicators than those presented in this section is needed to fully understand and monitor children's physical environment and safety. Additional indicators are needed on:

- *Body burden measurements.* Children are exposed to many different contaminants in the environment. Measures of contaminants in air, water, land, and food provide indirect indications of children's potential exposure to these contaminants. Both environmental and body burden measurements (e.g., levels of contaminants in blood and urine) are needed to more fully characterize children's exposures. Increasing efforts are under way to assess exposures through body burden measurements and to develop children's indicators based on these measurements.
- *Environmental quality.* Although this report provides indicators for contaminants in both outdoor and indoor air, regular sources of national data are needed to assess indoor air contaminants other than environmental tobacco smoke (e.g., pesticides) that are commonly encountered in homes, schools, and day care settings. Data are needed to better characterize levels of contaminants in children's drinking water. Indicators are also needed for food and soil contaminants and for cumulative exposures to multiple environmental contaminants that children encounter daily.
- *Exposure to violence.* Although this report provides indicators for direct crime victimization, child maltreatment, and child and adolescent injury and mortality, regular sources of national data are needed to assess children's exposure to violence, including witnessing violence in the home, school, and community. Research suggests that witnessing violence can have detrimental effects similar to being a direct victim of violence. Additional work is needed to develop a national indicator for exposure to violence.
- *Homelessness.* In this report, the U.S. Department of Housing and Urban Development has presented 2009 data on the numbers of homeless children at a single point in time and the number of homeless children served by shelters and transitional housing. The Forum is encouraged by the increasing availability of data on homelessness. Continuing data improvements are needed to estimate the prevalence of homeless children with greater accuracy. Additional information is also needed about the characteristics of homeless children and consequences of homelessness for families and children.

Behavior

The well-being of young people can be affected by aspects of their behavior and aspects of their social environments. The indicators in this section focus on illegal and high-risk behaviors. Substance use behaviors are shown for regular cigarette smoking, alcohol use, and illicit drug use. Other indicators in this section present data on behaviors such as sexual activity and perpetration of serious violent crime.

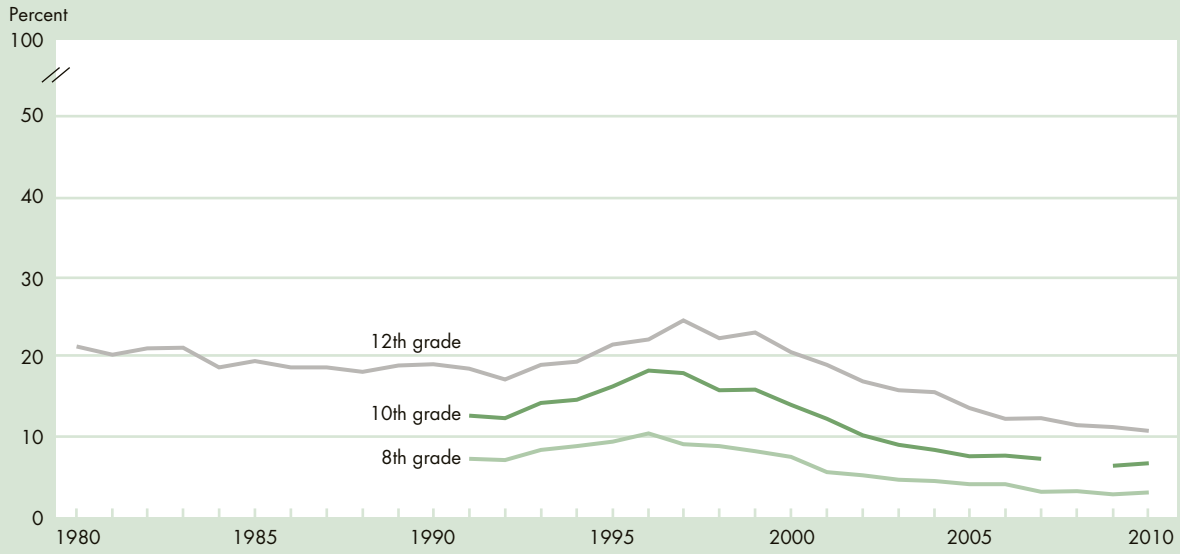


Regular Cigarette Smoking

Smoking has serious long-term consequences, including the risk of smoking-related diseases and premature death, as well as the increased health care costs associated with treating the illnesses.[93] One of every six deaths in the United States is a result of tobacco use, making tobacco more lethal than all other addictive drugs combined. Nearly 90 percent of smokers start smoking by age 18, and of smokers under 18 years of age, more than 6 million will die prematurely from a smoking-related disease.[94] These consequences underscore the importance of studying patterns of smoking among adolescents.

Indicator BEH1

Percentage of 8th-, 10th-, and 12th-grade students who reported smoking cigarettes daily in the past 30 days by grade, 1980–2010



NOTE: Data for 10th-graders for 2008 are not included because estimates are considered to be unreliable due to sampling error. See http://www.monitoringthefuture.org/data/09data.html#2009data-drugs.

SOURCE: National Institute on Drug Abuse, Monitoring the Future Survey.

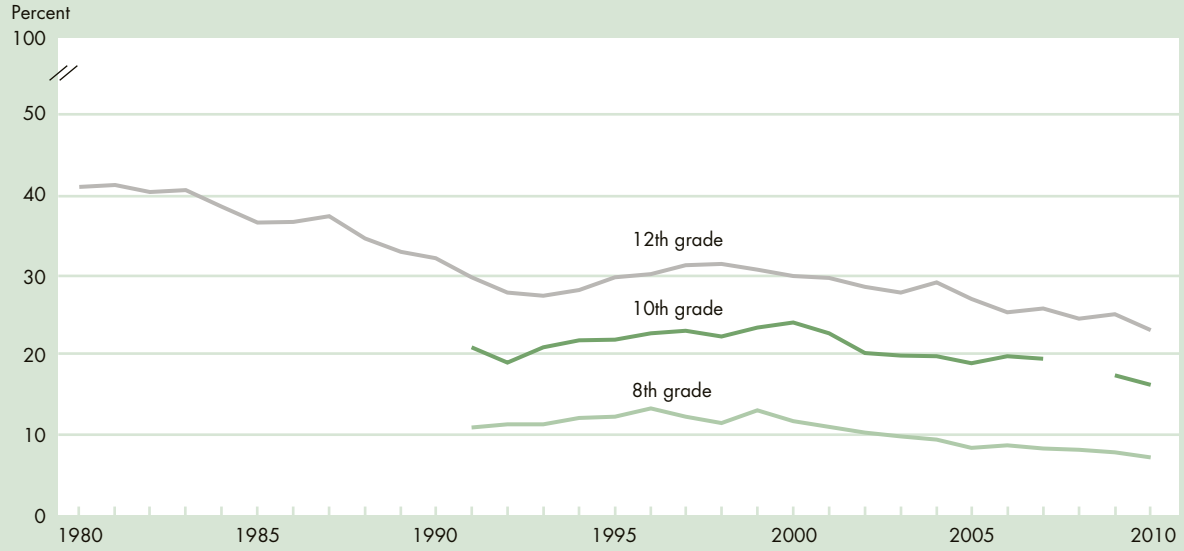
- Among 8th-, 10th-, and 12th-grade students in 2010, the percentages who reported smoking cigarettes daily in the past 30 days were about a third to a half of the percentages for the same groups in the peak years of 1996 and 1997. The most dramatic declines were seen among the youngest students. In 2010, 3 percent of 8th-grade students, 7 percent of 10th-grade students, and 11 percent of 12th-grade students reported smoking cigarettes daily in the past 30 days, compared with their respective peaks of 10, 18, and 25 percent.
- Four percent of male and 2 percent of female 8th-grade students, 7 percent of male and 6 percent of female 10th-grade students, and 12 percent of male and 9 percent of female 12th-grade students reported daily smoking in 2010.
- In 2010, 14 percent of White, non-Hispanic 12th-grade students reported smoking cigarettes daily in the past 30 days, compared with 5 percent of Black, non-Hispanic and 6 percent of Hispanic 12th-grade students.

Bullets contain references to data that can be found in Table BEH1 on page 152. Endnotes begin on page 75.

Alcohol Use

Alcohol is the most common psychoactive substance used during adolescence. Its use is associated with motor vehicle accidents, injuries, and deaths, problems in school and in the workplace, and fighting, crime, and other serious consequences.[95] Early onset of heavy drinking, defined here as five or more alcoholic beverages in a row or during a single occasion in the previous 2 weeks, may be especially problematic, potentially increasing the likelihood of these negative outcomes.

Indicator BEH2 **Percentage of 8th-, 10th-, and 12th-grade students who reported having five or more alcoholic beverages in a row in the past 2 weeks by grade, 1980–2010**



NOTE: Data for 10th-graders for 2008 are not included because estimates are considered to be unreliable due to sampling error. See http://www.monitoringthefuture.org/data/09data.html#2009data-drugs.

SOURCE: National Institute on Drug Abuse, Monitoring the Future Survey.

- Heavy drinking declined from the most recent peaks of 13 percent in 1996 to 7 percent in 2010 for 8th-grade students, from 24 percent in 2000 to 16 percent in 2010 for 10th-grade students, and from 32 percent in 1998 to 23 percent in 2010 for 12th-grade students.
- In 2010, 7 percent of male and 8 percent of female 8th-grade students reported heavy drinking; among 10th-grade students, the proportion was 18 percent for males and 15 percent for females. Twenty-eight percent of 12th-grade males reported heavy drinking, compared with 18 percent of 12th-grade females.
- For 12th-grade students in 2010, the percentage of White, non-Hispanic students who reported heavy drinking was approximately double the percentage of Black, non-Hispanic students who reported heavy drinking. The percentages of White, non-Hispanic, Hispanic, and Black, non-Hispanic 12th-graders who were heavy drinkers were 28, 22, and 13 percent, respectively. The percentages of 10th-grade White, non-Hispanic, Hispanic, and Black, non-Hispanic students who were heavy drinkers were 17, 22, and 11 percent, respectively. Among 8th-grade students, the rate of heavy drinking was 7 percent for White, non-Hispanic, 11 percent for Hispanic, and 5 percent for Black, non-Hispanic students.

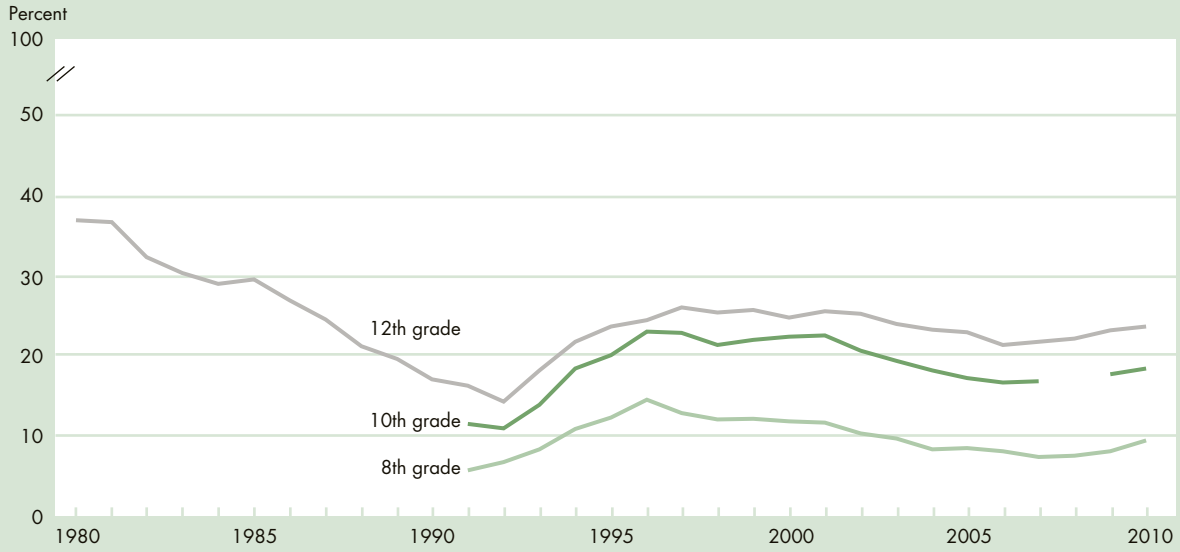
Bullets contain references to data that can be found in Table BEH2 on page 153. Endnotes begin on page 75.

Illicit Drug Use

Drug use by adolescents can have immediate as well as long-term health and social consequences. Cocaine use is linked with health problems that range from eating disorders to disability to death from heart attacks and strokes.[96] Marijuana use poses both cognitive and health risks, particularly damage to pulmonary functions as a result of chronic use.[97,98] Hallucinogens can affect brain chemistry and result in problems with memory and learning new information.[99] As is the case with alcohol use and smoking, illicit drug use is a risk-taking behavior that has potentially serious negative consequences.

Indicator BEH3

Percentage of 8th-, 10th-, and 12th-grade students who reported using illicit drugs in the past 30 days by grade, 1980–2010



NOTE: Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, or tranquilizers not under a doctor's orders. For 8th- and 10th-graders, the use of other narcotics and barbiturates has been excluded because these younger respondents appear to overreport use (perhaps because they include the use of nonprescription drugs in their responses). Data for 10th-graders for 2008 are not included because estimates are considered to be unreliable due to sampling error. See http://www.monitoringthefuture.org/data/09data.html#2009data-drugs.

SOURCE: National Institute on Drug Abuse, Monitoring the Future Survey.

- Illicit drug use in the past 30 days increased from 8 to 10 percent among 8th-grade students from 2009 to 2010. Ten percent of 8th-grade students, 19 percent of 10th-grade students, and 24 percent of 12th-grade students reported illicit drug use in the past 30 days in 2010.
- In 2010, 10 percent of male and 9 percent of female 8th-grade students reported using illicit drugs in the past 30 days. Among 10th-grade students, the percentages were 22 percent for males and 15 percent for females. Among 12th-grade students, the percentages were 28 percent for males and 20 percent for females.
- Reports of illicit drug use in the past 30 days have declined from the most recent peaks of 15 percent for 8th-grade students and 23 percent for 10th-grade students in 1996, and 26 percent for 12th-grade students in 1997.

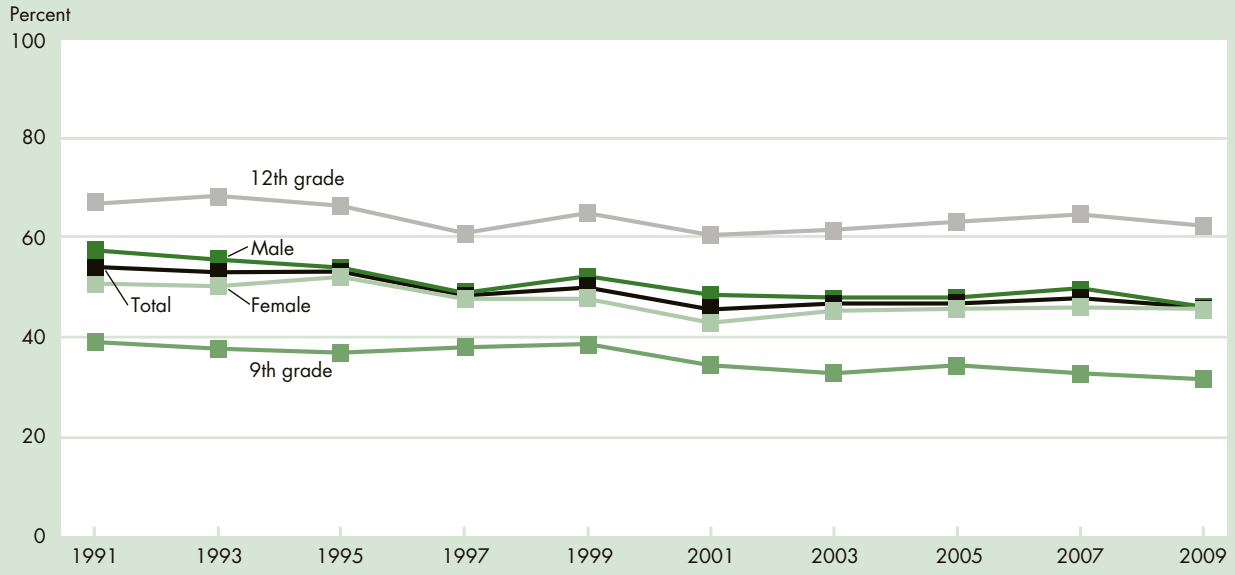
Bullets contain references to data that can be found in Table BEH3 on page 154. Endnotes begin on page 75.

Sexual Activity

Early sexual activity is associated with emotional[100] and physical health risks. Youth who engage in sexual activity are at risk of contracting sexually transmitted infections (STIs) and becoming pregnant. STIs, including HIV, can infect a person for a lifetime and have consequences including disability and early death. Meanwhile, delaying sexual initiation is associated with a decrease in the number of lifetime sexual partners,[101] and decreasing the number of lifetime partners is associated with a decrease in the rate of STIs.[102,103] Additionally, teen pregnancy is associated with a number of negative risk factors, not only for the mother but also for her child (see FAM6).

Indicator BEH4

Percentage of high school students who reported ever having had sexual intercourse by gender and selected grades, selected years 1991–2009



NOTE: Students were asked, "Have you ever had sexual intercourse?" Data are collected biennially.

SOURCE: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Youth Risk Behavior Surveillance System.

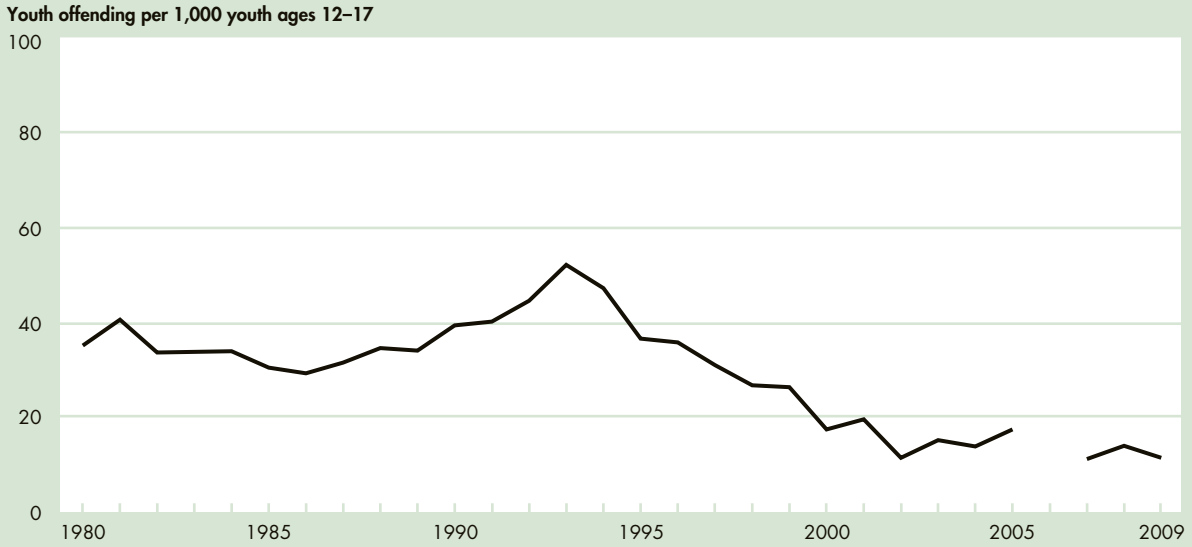
- In 2009, 46 percent of high school students reported ever having had sexual intercourse.
- The proportion of students who reported ever having had sexual intercourse declined significantly from 1991 (54 percent) to 2001 (46 percent) and remained relatively stable from 2001 to 2009.
- The percentage of students who reported ever having had sexual intercourse differed by grade. In 2009, 32 percent of 9th-grade students reported ever having had sexual intercourse, compared with 62 percent of 12th-grade students.
- Trends differed by race and ethnicity. The percentage of White, non-Hispanic students who reported ever having had sexual intercourse declined from 50 percent in 1991 to 43 percent in 2001, and remained between 42 percent and 44 percent from 2003 to 2009. The percentage also declined among Black, non-Hispanic students, from 82 percent in 1991 to 67 percent in 2003, and remained relatively stable from 2003 to 2009. There was no statistically significant change among Hispanic students between 1991 and 2009 (when the percentage was 49 percent).
- Overall, rates of sexual intercourse did not differ by gender, though they did differ by gender within some racial and ethnic groups. In 2009, 72 percent of Black, non-Hispanic male students reported ever having had sexual intercourse, compared with 58 percent of Black, non-Hispanic female students; 53 percent of Hispanic male students reported ever having had sexual intercourse, compared with 45 percent of Hispanic female students.[104]
- In 2009, 20 percent of students who had sexual intercourse in the past 3 months reported that they or their partner had used birth control pills before their last sexual intercourse, and 61 percent reported condom use. Of particular note is that condom use has increased since 1991 (from 46 percent) among high school students.

Bullets contain references to data that can be found in Tables BEH4.A and BEH4.B on page 155. Endnotes begin on page 75.

Youth Perpetrators of Serious Violent Crimes

The level of youth violence in society can be viewed as an indicator of youths' ability to control their behavior and the adequacy of socializing agents such as families, peers, schools, and religious institutions to supervise or channel youth behavior to acceptable norms. One measure of serious violent crimes committed by juveniles is the extent to which the victim perceives that at least one juvenile offender was involved in the crime.

Indicator BEH5 **Rate of serious violent crimes by youth perpetrators ages 12–17, 1980–2005 and 2007–2009**



NOTE: The offending rate is the ratio of the number of crimes (aggravated assault, rape, and robbery, i.e., stealing by force or threat of violence) reported to the National Crime Victimization Survey that involved at least one offender perceived by the victim to be 12–17 years of age, plus the number of homicides reported to the police that involved at least one juvenile offender, to the number of juveniles in the population. Homicide data were not available for 2009 at the time of publication. The number of homicides for 2008 is included in the overall total for 2009. In 2008, homicides represented less than 1 percent of serious violent crime, and the total number of homicides by juveniles has been relatively stable over the last decade. Because of changes made in the victimization survey, data prior to 1992 are adjusted to make them comparable with data collected under the redesigned methodology. Data from 2006 are not included because, due to changes in methodology, 2006 crime perpetration rates are not comparable to other years and cannot be used for yearly trend comparisons. See *Criminal Victimization, 2006,* http://bjs.ojp.usdoj.gov/index.cfm?ty=pbdetail&iid=765.

SOURCE: Bureau of Justice Statistics, National Crime Victimization Survey and Federal Bureau of Investigation, Uniform Crime Reporting Program, Supplementary Homicide Reports.

- In 2009, the serious violent crime offending rate was 11 crimes per 1,000 juveniles ages 12–17, with a total of 276,000 such crimes involving juveniles. This is similar to the rate in 2008, but it is substantially lower than the 1993 peak rate of 52 crimes per 1,000 juveniles ages 12–17.
- Since 1980, serious violent crime involving juvenile offenders has ranged from 19 percent of all serious violent crimes in 1982 to 26 percent in 1993, the peak year for youth violence. In 2009, 19 percent of all such victimizations reportedly involved a juvenile offender.
- In over half of all serious violent juvenile crimes reported by victims in 2009, more than one offender was involved in the incident. Because insufficient information exists to determine the ages of each individual offender when a crime is committed by more than one perpetrator, the number of additional juvenile offenders cannot be determined. Therefore, this rate of serious violent crime offending does not represent the number of juvenile offenders in the population, but rather the rate of crimes involving a juvenile.

Bullets contain references to data that can be found in Table BEH5 on page 156.

Indicators Needed

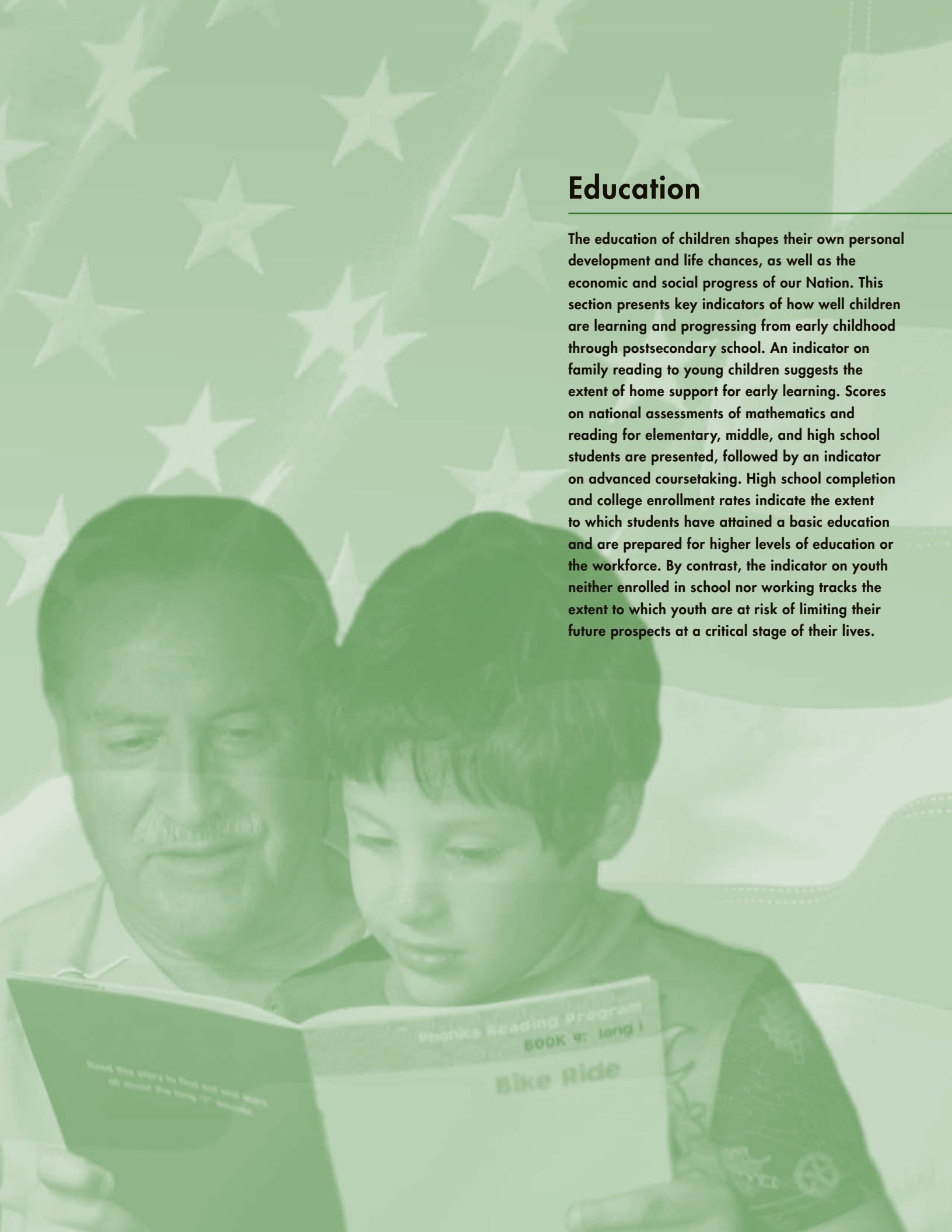
Behavior

A broader set of indicators than those presented in this section is needed to adequately monitor the behaviors of youth. Additional behavioral measures are needed on:

- *Activities promoting health and development.* The participation of youth in a broad range of activities (e.g., volunteering, part-time employment, after-school activities) has been linked to positive developmental outcomes. However, additional research is needed to ascertain how and under what circumstances such activities relate to success in later life. The Forum has presented "Youth Employment While in School" and "Participation in Volunteer Activities" as special features in past *America's Children* reports. However, we currently lack regular indicators on youth involvement in various organized activities, as well as data to monitor specific health-promoting behaviors such as exercise.
- *Youth in the justice system.* The youth perpetrators of serious violent crime indicator does not provide critical information on the involvement of youth in the juvenile and criminal justice systems, including the characteristics of youthful offenders and the number and characteristics of youth arrestees and detainees, those prosecuted in juvenile and adult courts, and those incarcerated in the Nation's jails, prisons, and juvenile facilities. Additional work is needed to produce a more comprehensive and useful picture of the number, experiences, and characteristics of youth within the criminal justice system.

Education

The education of children shapes their own personal development and life chances, as well as the economic and social progress of our Nation. This section presents key indicators of how well children are learning and progressing from early childhood through postsecondary school. An indicator on family reading to young children suggests the extent of home support for early learning. Scores on national assessments of mathematics and reading for elementary, middle, and high school students are presented, followed by an indicator on advanced coursetaking. High school completion and college enrollment rates indicate the extent to which students have attained a basic education and are prepared for higher levels of education or the workforce. By contrast, the indicator on youth neither enrolled in school nor working tracks the extent to which youth are at risk of limiting their future prospects at a critical stage of their lives.

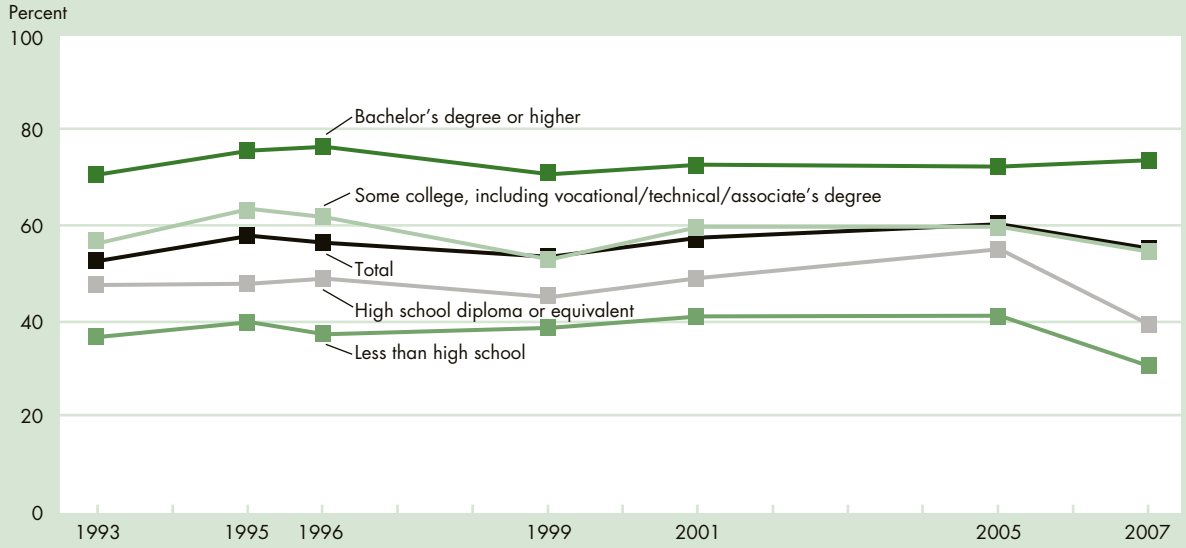


Family Reading to Young Children

Reading to young children promotes language acquisition and is linked with literacy development and, later on, with achievement in reading comprehension and overall success in school.[105] The percentage of young children read to daily by a family member is one indicator of how well young children are being prepared for school.

Indicator ED1

Percentage of children ages 3–5 who were read to every day in the last week by a family member by mother's education, selected years 1993–2007



NOTE: Data are available for 1993, 1995, 1996, 1999, 2001, 2005, and 2007. Estimates are based on children ages 3–5 who have yet to enter kindergarten. Children without mothers in the home are not included in estimates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Surveys Program.

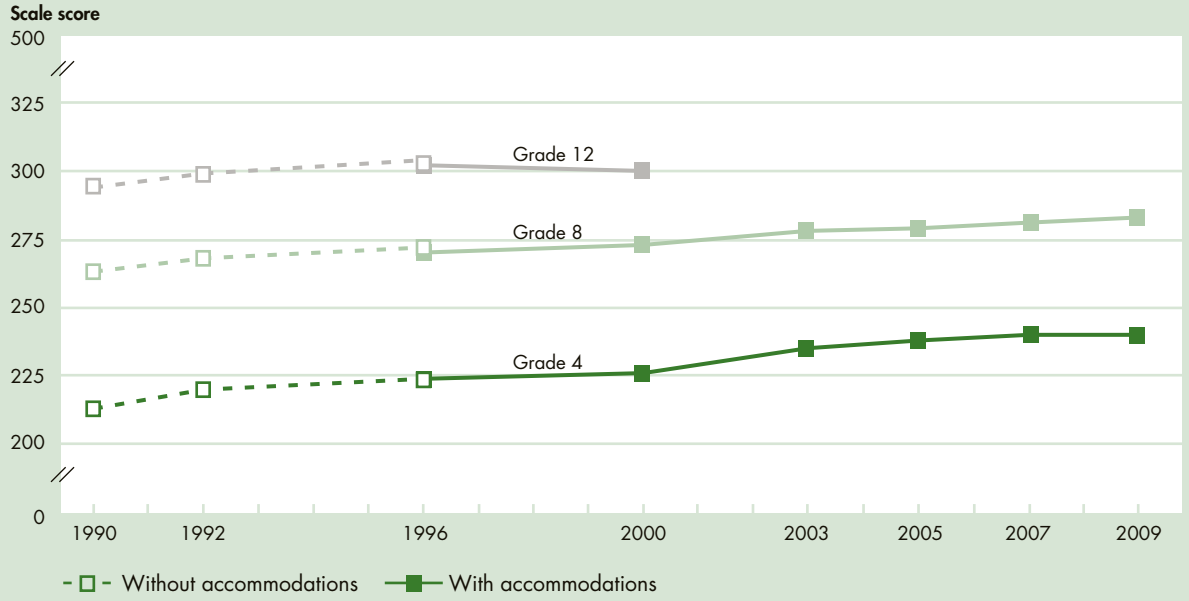
- Fifty-five percent of children ages 3–5 who were not yet in kindergarten were read to daily by a family member in 2007. This rate is slightly higher than the rate in 1993 (53 percent), but the rate fluctuated in intervening years.
- In 2007, 74 percent of children whose mothers had at least a bachelor's degree were read to every day. In comparison, daily reading occurred for 55 percent of children whose mothers had some college education, 39 percent of children whose mothers had a high school diploma or equivalent but no further education, and 31 percent of children whose mothers had less than a high school diploma.
- A higher percentage of White, non-Hispanic and Asian, non-Hispanic children than either Black, non-Hispanic or Hispanic children were read to every day in 2007. Sixty-seven percent of White, non-Hispanic children, 60 percent of Asian, non-Hispanic children, 35 percent of Black, non-Hispanic children, and 37 percent of Hispanic children were read to every day by a family member.
- In 2007, the percentage of children in families with incomes 200 percent or more of the poverty level who were read to daily by a family member (64 percent) was higher than the percentages of children in families with incomes below the poverty level (40 percent) and those in families with incomes 100–199 percent of the poverty level (50 percent).
- A higher percentage of children from two-parent households than children from single-parent households were read to every day in 2007. Fifty-nine percent of children in two-parent households and 43 percent of children living with one parent were read to every day.
- The percentages of children who were read to daily by a family member in the Northeast and the Midwest (59 percent each) were not statistically different from those in the West (54 percent) and the South (52 percent) in 2007.

Bullets contain references to data that can be found in Table ED1 on page 157. Endnotes begin on page 75.

Mathematics and Reading Achievement

The extent and content of students' knowledge, as well as their ability to think, learn, and communicate, affect their likelihood of becoming productive adults and active citizens. Mathematics and reading achievement test scores are important measures of students' skills in these subject areas and good indicators of overall achievement in school. To assess progress in mathematics and reading, the National Assessment of Educational Progress (NAEP) measures national trends in the academic performance of students in grades 4, 8, and 12.

Indicator ED2.A **Average mathematics scale scores for students in grades 4, 8, and 12, selected years 1990–2009**

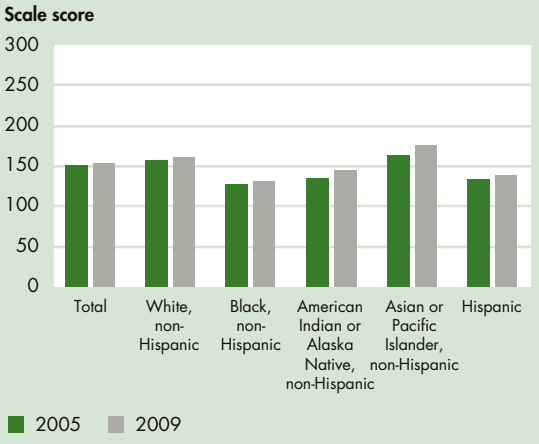


NOTE: Data are available for 1990, 1992, 1996, 2000, 2003, 2005, 2007, and 2009, although the 2003 and 2007 assessments only included grades 4 and 8. After 2000, assessment results for grade 12 are not comparable with those from previous assessment years. In early years of the assessment, testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted. In 1996, scores are shown for both the assessments with and without accommodations to show comparability across the assessments.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress.

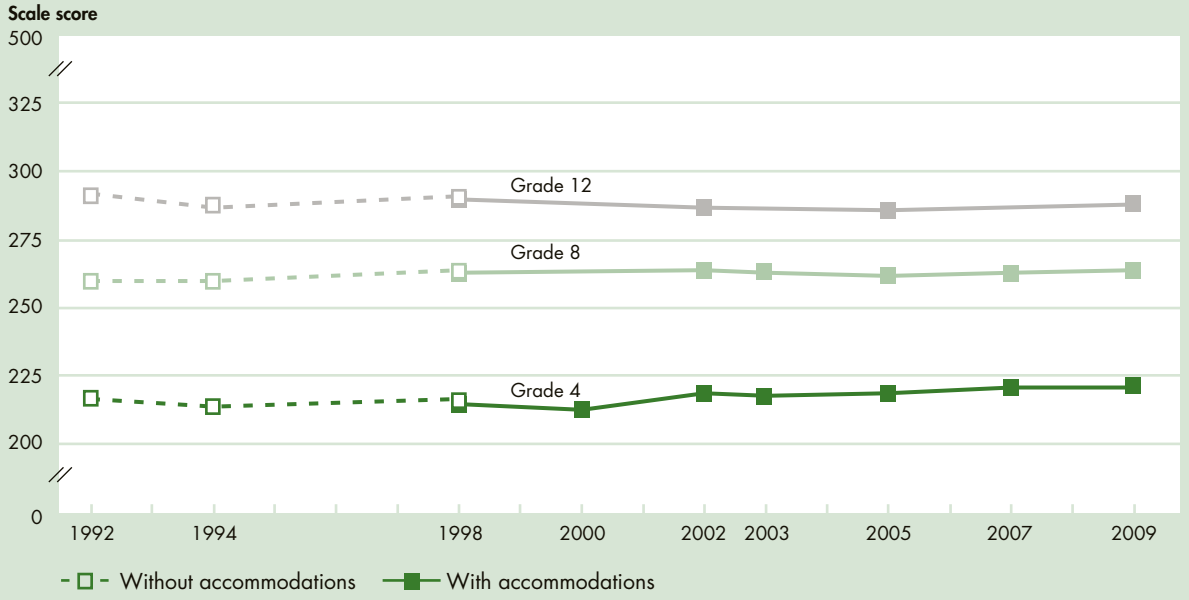
- In 2009, the average 4th-grade NAEP mathematics score was higher than the score in 1990 but unchanged from the score in 2007. The average 8th-grade mathematics score in 2009 was higher than the scores in all previous assessment years and 2 points higher than the score in 2007.
- The framework for the 12th-grade mathematics assessment was revised in 2005; as a result, the 2005 and 2009 results cannot be compared with those from previous years.[106] Between 2005 and 2009, the average 12th-grade mathematics score increased by 3 points, from 150 to 153 (on a scale of 0–300).
- For all racial and ethnic groups, average 12th-grade mathematics scores were higher in 2009 than in 2005.

Indicator ED2.B **Average mathematics scale scores for students in grade 12 by race and Hispanic origin,[107] 2005 and 2009**



SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress.

Indicator ED2.C **Average reading scale scores for students in grades 4, 8, and 12, selected years 1992–2009**



NOTE: Data are available for 1992, 1994, 1998, 2000, 2002, 2003, 2005, 2007, and 2009, although the 2000 assessment only included grade 4, and the 2003 and 2007 assessments only included grades 4 and 8. In early years of the assessment, testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted. In 1998, scores are shown for both the assessments with and without accommodations to show comparability across the assessments.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress.

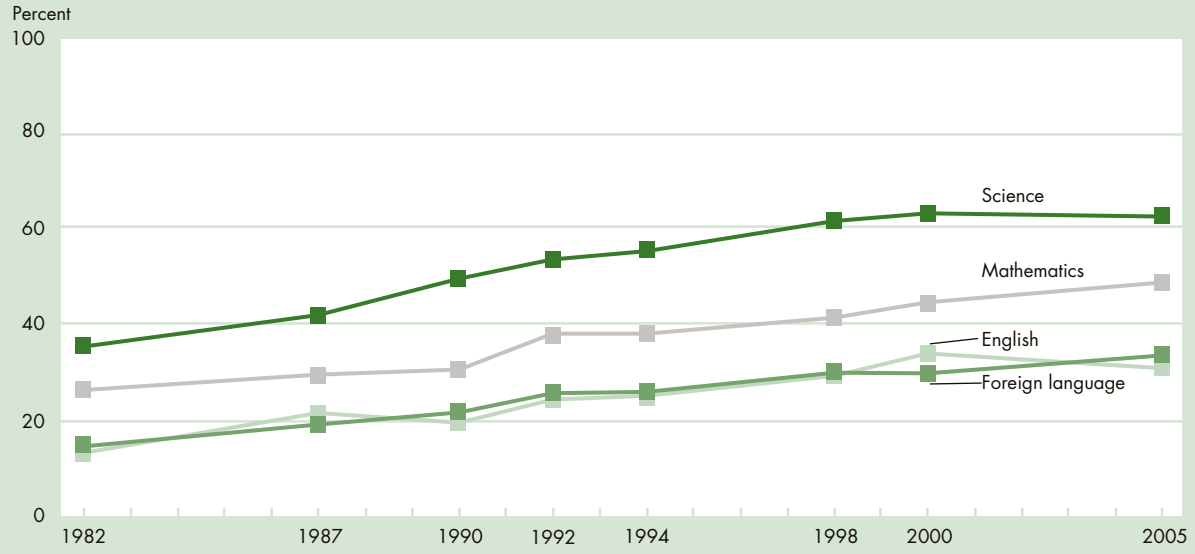
- At grade 4, the average NAEP reading score increased by 4 points between 1992 and 2009 but was unchanged from the average score in 2007. At grade 8, the average reading score in 2009 was 4 points higher than the score in 1992 and 1 point higher than the score in 2007. At grade 12, the average reading score decreased by 4 points between 1992 and 2009 but was not significantly different from the average score in 2005.
- In 2009, at grade 4, Asian or Pacific Islander students had the highest reading scores, on average, of all the racial and ethnic groups; also White, non-Hispanic 4th-graders scored higher, on average, than their Black, non-Hispanic, American Indian or Alaska Native, and Hispanic peers. At grades 8 and 12, the average reading scores of Asian or Pacific Islander and White, non-Hispanic students were higher than those of their Black, non-Hispanic, American Indian or Alaska Native, and Hispanic peers.
- At each grade in 2009, Asian or Pacific Islander students had the highest mathematics scores, on average. White, non-Hispanic students scored higher than their peers in the remaining racial and ethnic groups. In addition, at grade 4, Hispanics scored higher than Black, non-Hispanic students in mathematics; at grade 8, Hispanic and American Indian or Alaska Native students scored higher than Black, non-Hispanic students. At grade 12, American Indian or Alaska Native students scored higher than Hispanic students, who scored higher than Black, non-Hispanic students.
- In 2009, at each grade tested, females scored higher, on average, than males in reading but lower than males in mathematics.
- For students in grades 8 and 12, higher parental education levels were associated with higher average reading and mathematics scores in 2009.[108]

Bullets contain references to data that can be found in Tables ED2.A/B and ED2.C on pages 158–161. Endnotes begin on page 75.

High School Academic Coursetaking

Since *A Nation at Risk* was published in 1983, school reforms have emphasized increasing the number of academic courses students take in high school. More recent reforms have emphasized increasing the rigor, as well as the number, of courses taken. Research suggests a positive relationship between the level of difficulty of courses students take and their performance on assessments.[109,110]

Indicator ED3 **Percentage of high school graduates who had completed advanced coursework in mathematics, science, English, and foreign language, selected years 1982–2005**



NOTE: Data for 1982 and 1992 are from a series of longitudinal studies, whereas data for 1987, 1990, 1994, 1998, 2000, and 2005 are from the National Assessment of Educational Progress High School Transcript Studies. Due to differences in survey methodology among the data collections, users should use caution when comparing data across the years. Advanced coursework includes the following: mathematics: courses above Algebra II; science: chemistry, physics, or advanced biology; English: some courses at the honors level; and foreign language: a year 3, year 4, or advanced placement course.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Studies: High School and Beyond Study, National Education Longitudinal Study of 1988, and National Assessment of Educational Progress Transcript Study.

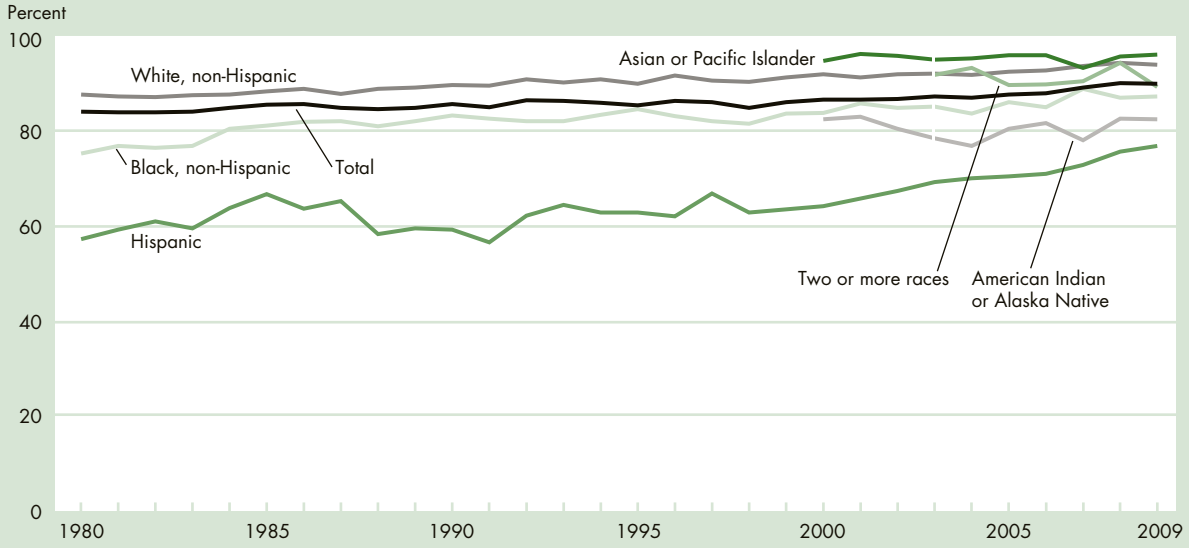
- The percentage of 2005 high school graduates who had taken at least one advanced mathematics course (defined as a course above Algebra II) was higher than the corresponding percentage for 1982 graduates (49 vs. 26 percent). Four percent of those who graduated in 2005 had taken a nonacademic or low-level academic course as their most advanced mathematics course, compared with 24 percent in 1982.
- Sixty-three percent of all 2005 high school graduates had taken a chemistry, physics, or advanced biology course, compared with 35 percent of the graduates in 1982 who had taken this level of science course. The percentage of graduates whose most advanced science course was classified as a low-level academic course dropped from 27 percent in 1982 to 7 percent in 2005.
- In English, 31 percent of all 2005 high school graduates had taken honors-level courses, an increase from 13 percent in 1982. There was no measurable difference between the percentages of 1982 and 2005 graduates who had taken low-level academic courses in English (10 and 12 percent, respectively).
- In foreign languages, the percentage of high school graduates who had taken a year 3, year 4, or advanced placement course doubled from 15 percent in 1982 to 33 percent in 2005. Sixteen percent of 2005 high school graduates had not taken any foreign language course, compared with 46 percent of 1982 graduates.
- In 2005, scores on the National Assessment of Educational Progress were highest for those graduates who had completed the most challenging mathematics and science courses.[111]

Bullets contain references to data that can be found in Tables ED3.A–ED3.D on pages 162–165. Endnotes begin on page 75.

High School Completion

Attainment of a high school diploma or its equivalent is an indicator that a person has acquired the basic reading, writing, and mathematics skills needed to function in modern society. The percentage of young adults ages 18–24 with a high school diploma or an equivalent credential is a measure of the extent to which young adults have completed a basic prerequisite for many entry-level jobs and for higher education.

Indicator ED4 **Percentage of young adults ages 18–24 who have completed high school by race and Hispanic origin, 1980–2009**



NOTE: Percentages are based only on those not currently enrolled in high school or below. Prior to 1992, this indicator was measured as completing 4 or more years of high school rather than the actual attainment of a high school diploma or equivalent. For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Those reporting more than one race were classified as "Two or more races." For continuity purposes, respondents who reported being Asian or Native Hawaiian or Other Pacific Islander were combined. Beginning in 2003, those in a given racial category represent those reporting only that race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

SOURCE: U.S. Census Bureau, Current Population Survey, School Enrollment Supplement.

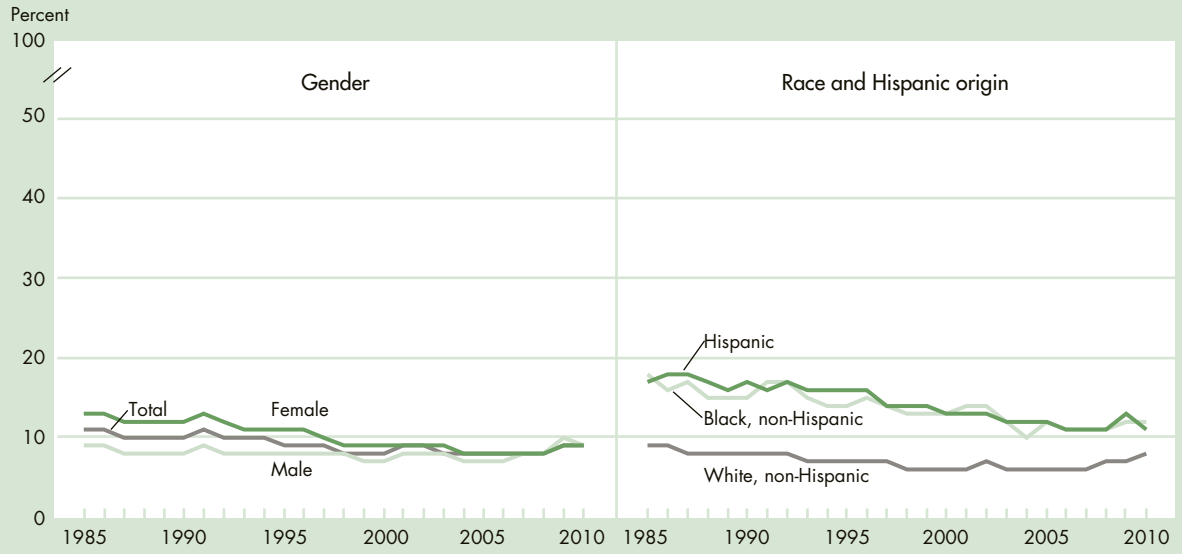
- In 2009, 90 percent of young adults ages 18–24 had completed high school with a diploma or an alternative credential such as a General Educational Development (GED) certificate. The high school completion rate has increased slightly since 1980, when it was 84 percent.
- The rate at which Black, non-Hispanic young adults completed high school increased from 75 percent to 87 percent between 1980 and 2009. Among White, non-Hispanics, the high school completion rate increased from 88 percent in 1980 to 94 percent in 2009.
- Hispanic young adults have had a consistently lower high school completion rate than White, non-Hispanic and Black, non-Hispanic young adults. Nonetheless, the high school completion rate for Hispanic young adults increased from 57 percent in 1980 to 77 percent in 2009.
- In 2009, higher percentages of White, non-Hispanic and Asian or Pacific Islander young adults (94 and 96 percent, respectively) had completed high school, compared with young adults of two or more races (89 percent), Black, non-Hispanic young adults (87 percent), American Indian or Alaska Native young adults (82 percent), and Hispanic young adults (77 percent).

Bullets contain references to data that can be found in Table ED4 on page 166.

Youth Neither Enrolled in School nor Working

Youth ages 16–19 who are neither in school nor working are detached from these core activities, both of which play an important role in one's transition from adolescence to adulthood. Such detachment, particularly if it lasts for several years, decreases a youth's opportunity to build a work history that contributes to future higher wages and employability.[112] The percentage of youth who are not enrolled in school and not working is one measure of the proportion of young people who are at risk of limiting their future prospects.

Indicator ED5 **Percentage of youth ages 16–19 who are neither enrolled in school nor working by gender and race and Hispanic origin, 1985–2010**



NOTE: Data relate to the labor force and enrollment status of persons ages 16–19 in the civilian noninstitutionalized population during an "average" week of the school year. School refers to both high school and college. For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Beginning in 2003, those in each racial category represent those reporting only one race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

SOURCE: Bureau of Labor Statistics, Current Population Survey.

- In an average week during the 2010 school year, 9 percent of youth ages 16–19 were neither enrolled in school nor working. Black, non-Hispanic youth and Hispanic youth are more likely than White, non-Hispanic youth to be neither enrolled in school nor working. In 2010, 11 percent of Hispanic youth and 12 percent of Black, non-Hispanic youth were neither in school nor working, compared with 8 percent of White, non-Hispanic youth.
- Older youth ages 18–19 are five times as likely to be detached from school and work activities as youth ages 16–17. In 2010, 15 percent of youth ages 18–19 were neither enrolled in school nor working, compared with 3 percent of youth ages 16–17.
- Sixty-six percent of youth were enrolled in school and not employed in 2010. This proportion has been trending up since 2000, when it was 48 percent.[113]
- In 2010, 18 percent of youth were both enrolled in school and employed, down from 31 percent in 1998.

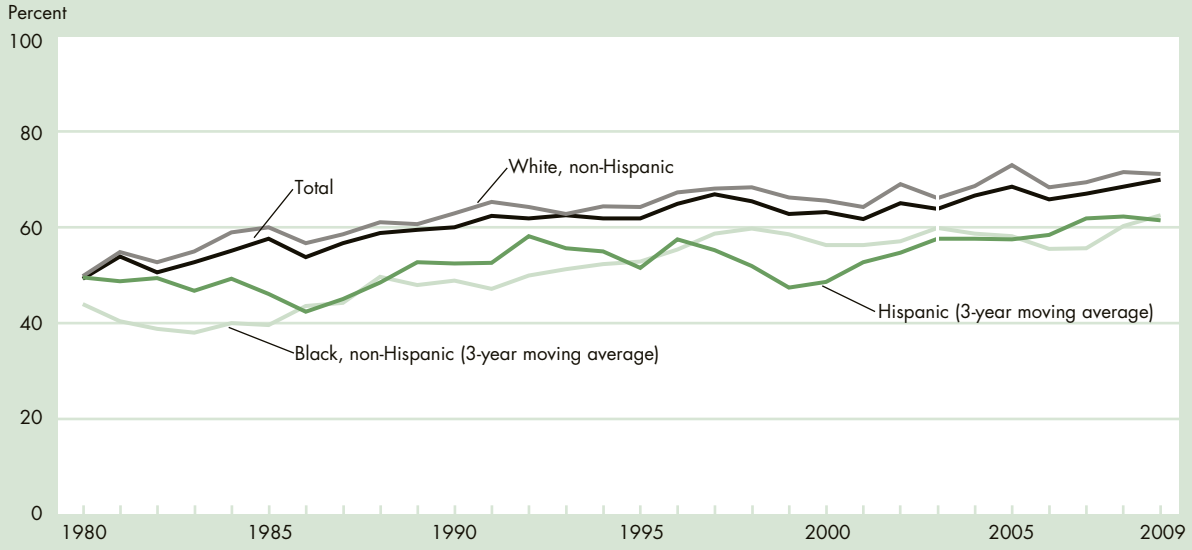
Bullets contain references to data that can be found in Tables ED5.A and ED5.B on pages 167–168. Endnotes begin on page 75.

College Enrollment

A college education generally enhances a person's employment prospects and increases his or her earning potential.[114] The percentage of high school completers who enroll in college in the fall immediately after high school is one measure of the accessibility and perceived value of a college education by high school completers.[115]

Indicator ED6

Percentage of high school completers who were enrolled in college the October immediately after completing high school by race and Hispanic origin, 1980–2009



NOTE: Enrollment in college as of October of each year for individuals ages 16–24 who completed high school during the preceding 12 months. High school completion includes General Educational Development (GED) recipients. A 3-year moving average is the average of the estimates for the year prior to the reported year, the reported year, and the following year. For 2009, a 2-year moving average is used, reflecting an average of the 2008 and 2009 estimates. For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2003, those in a given racial category represent those reporting only that race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

SOURCE: U.S. Census Bureau, Current Population Survey, School Enrollment Supplement.

- In 2009, 70 percent of high school completers enrolled immediately in a 2-year or 4-year college.
- Between 1980 and 2009, the rate of immediate college enrollment has trended upward from 49 percent to 70 percent; however, the rate has fluctuated from year to year.
- In 1980, 50 percent of White, non-Hispanic high school completers immediately enrolled in college; this rate increased to 69 percent by 1998 and decreased to 64 percent by 2001. Although this rate fluctuated between 2001 and 2009, the immediate college enrollment rate for White, non-Hispanics was higher in 2009 (71 percent) than in 2001.
- Among Blacks and Hispanics, estimates of immediate college enrollment rates have fluctuated over time, very likely due to small sample sizes. For this reason, 3-year moving averages are used to measure the trends. In 1980, the immediate enrollment rate for Black, non-Hispanics was 44 percent; this rate increased to 63 percent in 2009. Since 1999, the moving average for Hispanics has increased steadily, from 47 percent in 1999 to 62 percent in 2009.
- From 1980 to 2009, the immediate enrollment rate for male high school completers increased from 47 percent to 66 percent, while for female high school completers the rate increased from 52 percent to 74 percent.
- In many of the years between 1980 and 2009, there were no statistically significant differences in the immediate enrollment rates for males and females. In the years when there were differences (1991, 1996–1998, 2000, 2002–2004, 2008, and 2009), the female rate was higher than the male rate.

Bullets contain references to data that can be found in Table ED6 on page 169. Endnotes begin on page 75.

Indicator Needed

Education

Regular, periodic data collections are needed to provide information on young children's cognitive, social, and emotional development.

- *Early childhood development.* Although this report offers indicators of young children's exposure to reading and early childhood education, a regular source of data is needed to measure specific cognitive, emotional, and social skills of preschoolers over time. One assessment of kindergartners' skills and knowledge was presented as a special feature in *America's Children, 2000.* The Forum's Research and Innovation committee is working to strengthen our understanding of how to best conceptualize, define, and measure aspects of early childhood socioemotional development.

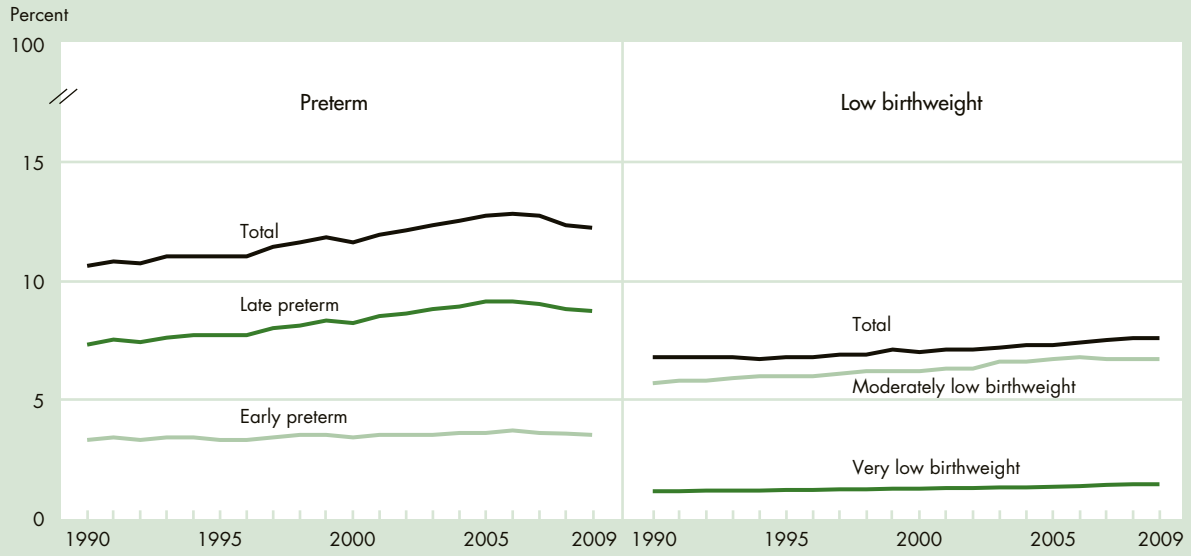
Health

The World Health Organization defines health as a "state of complete physical, mental, and social well-being, and not merely the absence of disease or infirmity." This section presents indicators of several important aspects or determinants of child health. Some of the indicators in this section relate to birth outcomes such as low birthweight, preterm birth, and infant mortality. Other indicators describe key health conditions, including emotional or behavioral difficulties, adolescent depression, obesity, and asthma. An indicator on the quality of children's diets compares children's dietary intake to recommended national dietary guidelines. The indicator on activity limitation presents a global measure that gauges the effect of chronic health conditions on children's functioning.

Preterm Birth and Low Birthweight

Infants born preterm (less than 37 completed weeks of gestation) or with low birthweight (less than 2,500 grams or 5 lbs. 8 oz.) are at higher risk of early death and long-term health and developmental issues than infants born later in pregnancy or at higher birthweights.[9,116,117] Many, but not all, preterm infants are also low birthweight, and vice versa. In 2008, infants born preterm accounted for two-thirds of all low birthweight infants, and over 40 percent of preterm infants were low birthweight.[6] Preterm infants born at less than 34 weeks (early preterm) are at high risk for poor outcomes, including chronic health conditions, long-term disability, and death. The majority of preterm births are infants born at 34–36 weeks (late preterm). Late preterm infants are at lower risk of poor outcomes than infants born earlier but are at higher risk than infants delivered at term or later.[9] Disorders related to preterm birth and low birthweight are the second leading cause of infant death in the United States.[9]

Indicator HEALTH1.A **Percentage of infants born preterm and percentage of infants born with low birthweight, 1990–2009**

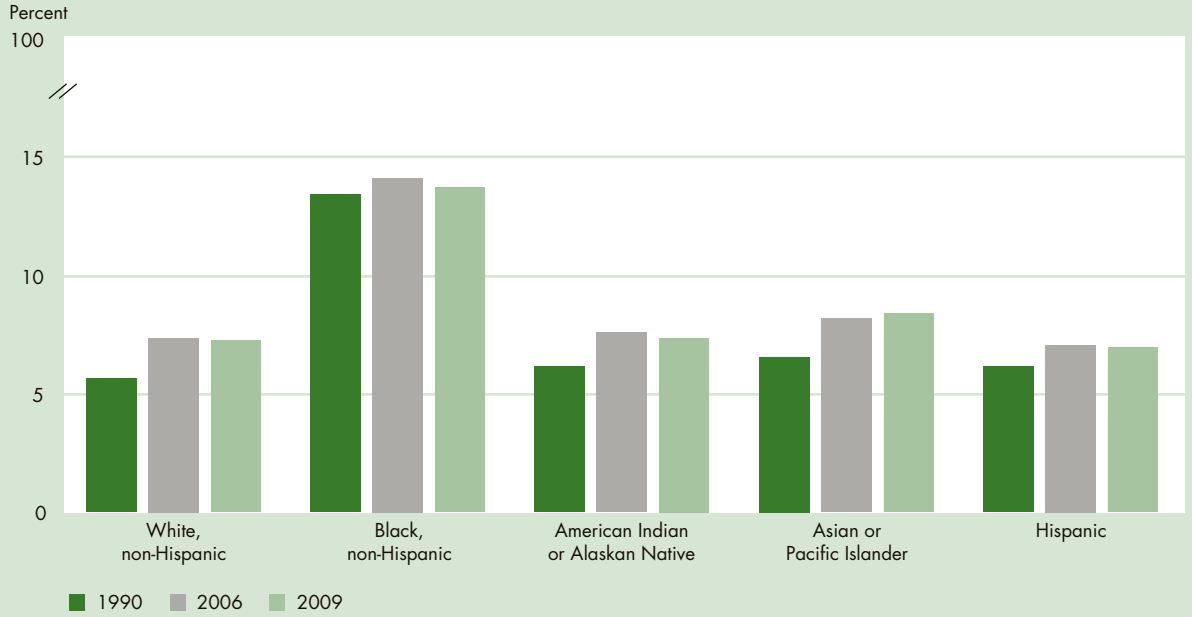


NOTE: Data for 2009 are preliminary. Late preterm infants are born at 34–36 weeks of gestation; early preterm infants are born at less than 34 weeks of gestation. Moderately low birthweight infants weigh 1,500–2,499 grams at birth; very low birthweight infants weigh less than 1,500 grams at birth.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

- The percentage of infants born preterm declined for the third straight year in 2009, to 12.2 percent, down from a high of 12.8 percent in 2006. The percentage of infants born with low birthweight did not change between 2008 and 2009; in both years it remained at 8.2 percent, down from 8.3 percent in 2006.
- The percentage of infants born preterm had been on the rise for several decades. From 1990 to 2006, the percentage of preterm births rose from 10.6 to 12.8 percent. The increase in late preterm births (from 7.3 to 9.1 percent) accounted for most of this change. The percentage of births that were early preterm rose from 3.3 to 3.7 percent over this period.
- The percentage of infants born with low birthweight rose from 7.0 percent of all births in 1990 to 8.3 percent in 2006. In 2009, 1.5 percent of infants were very low birthweight, up from 1.3 percent in 1990. The percentage of moderately low birthweight infants rose from 5.7 percent in 1990 to 6.8 percent in 2006, but declined to 6.7 percent in 2007 and remained there in 2008 and 2009.
- The increasing multiple birth rate was a contributing factor to the rise in preterm birth and low birthweight between 1990 and 2006. However, both the percentage of preterm births and low birthweight infants rose substantially among singleton births as well.[118] Since 2006, declines in singleton preterm birth and low birthweight rates are similar to those for all preterm and low birthweight births.

Indicator HEALTH1.B **Percentage of infants born with low birthweight by race and Hispanic origin of mother, 1990, 2006, and 2009**



NOTE: Data for 2009 are preliminary. Race refers to mother's race. The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. Although state reporting of birth certificate data is transitioning to comply with the 1997 OMB standard for race and ethnicity statistics, 2006 and 2009 data from states reporting multiple races were bridged to the single-race categories of the 1977 OMB standards for comparability with other states. Data on race and Hispanic origin are collected and reported separately. Persons of Hispanic origin may be of any race.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

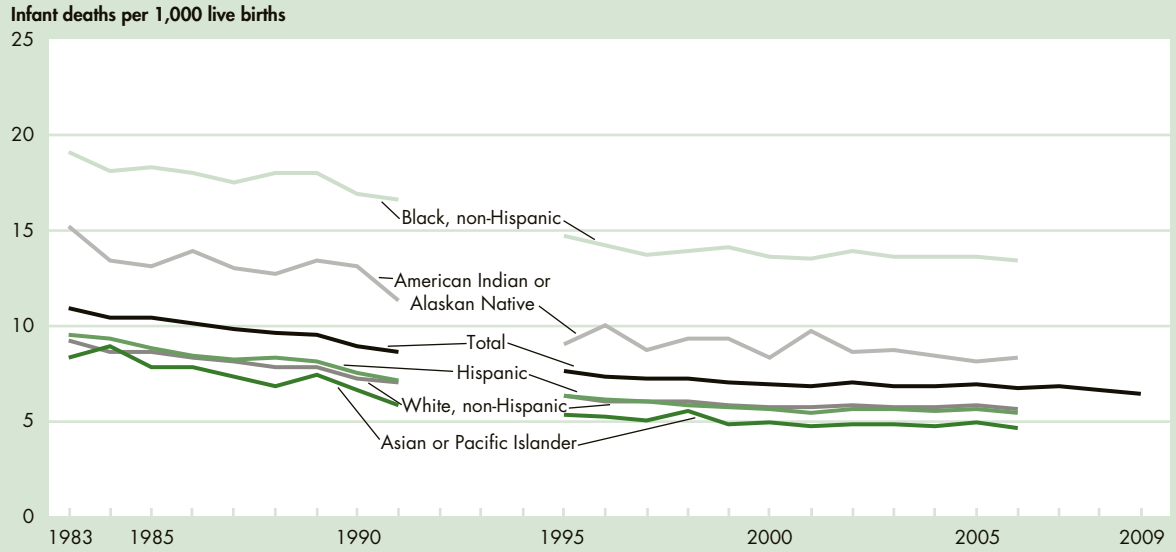
- The percentage of Black, non-Hispanic infants born with low birthweight was higher than that of other racial or ethnic groups. The Black, non-Hispanic percentage was 13.3 in 1990, declined to a low of 13.1 percent in 1996 and 1997, rose to 14.0 percent in 2006, and declined to 13.6 percent in 2009. Among White, non-Hispanic infants, the percentage of low birthweight infants rose from 5.6 percent in 1990 to 7.3 percent in 2006, and it was 7.2 percent in 2009. The percentage of low birthweight Hispanic infants rose between 1990 and 2006 (from 6.1 to 7.0 percent), and it was 6.9 percent in 2009.
- Between 1990 and 2006, low birthweight percentages increased for American Indian or Alaskan Native infants (from 6.1 to 7.5 percent) and Asian or Pacific Islander infants (from 6.5 to 8.1 percent). In 2009, 7.3 percent of American Indian or Alaskan Native infants were low birthweight, which was not significantly different from the percentages in 2006, 2007, or 2008. The percentage of Asian or Pacific Islander infants who were low birthweight increased from 8.1 percent in 2006 to 8.3 percent in 2009.
- In 2009, as in earlier years, a higher percentage of Black, non-Hispanic infants were born preterm (18 percent), compared with White, non-Hispanic (11 percent) and Hispanic (12 percent) infants.
- The percentage of Black, non-Hispanic infants born preterm declined from 19.0 percent in 1991 to 17.4 percent in 2000, rose to 18.5 percent in 2006, and declined from 18.3 percent in 2007 to 17.5 percent in 2009. From 1990 to 2006, the percentage of preterm births increased steadily for White, non-Hispanic infants (from 8.5 to 11.7 percent), then declined from 2007 to 2009 (reaching 10.9 percent in 2009). The percentage of preterm Hispanic infants increased from 11.0 to 12.3 percent between 1990 and 2007 but declined to 12.0 in 2009.

Bullets contain references to data that can be found in Tables HEALTH1.A and HEALTH1.B on pages 170–171. Endnotes begin on page 75.

Infant Mortality

Infant mortality is defined as the death of an infant before his or her first birthday. Infant mortality is related to the underlying health of the mother, public health practices, socioeconomic conditions, and availability and use of appropriate health care for infants and pregnant women.[119] In the United States, about two-thirds of infant deaths occur in the first month after birth and are due mostly to health problems of the infant, such as birth defects, or problems related to the pregnancy, such as preterm delivery.

Indicator HEALTH2 **Death rates among infants by race and Hispanic origin of mother, 1983–1991 and 1995–2009**



NOTE: Infant deaths are deaths before an infant's first birthday. Data from the file linking live births to infant deaths are available for 1983–1991 and 1995–2006 only. The mortality rate for 2007 was obtained from unlinked death records from the National Vital Statistics System (NVSS); the rates for 2008 and 2009 were obtained from preliminary unlinked death records of the NVSS. These data are not currently available from the National Linked Files of Live Births and Infant Deaths. Race refers to mother's race. The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. Although state reporting of birth certificate data is transitioning to comply with the 1997 OMB standard for race and ethnicity statistics, data from states reporting multiple races were bridged to the single-race categories of the 1977 OMB standards for comparability with other states. Data on race and Hispanic origin are collected and reported separately. Persons of Hispanic origin may be of any race. Trends for the Hispanic population are affected by an expansion in the number of registration areas that included an item on Hispanic origin on the birth certificate.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

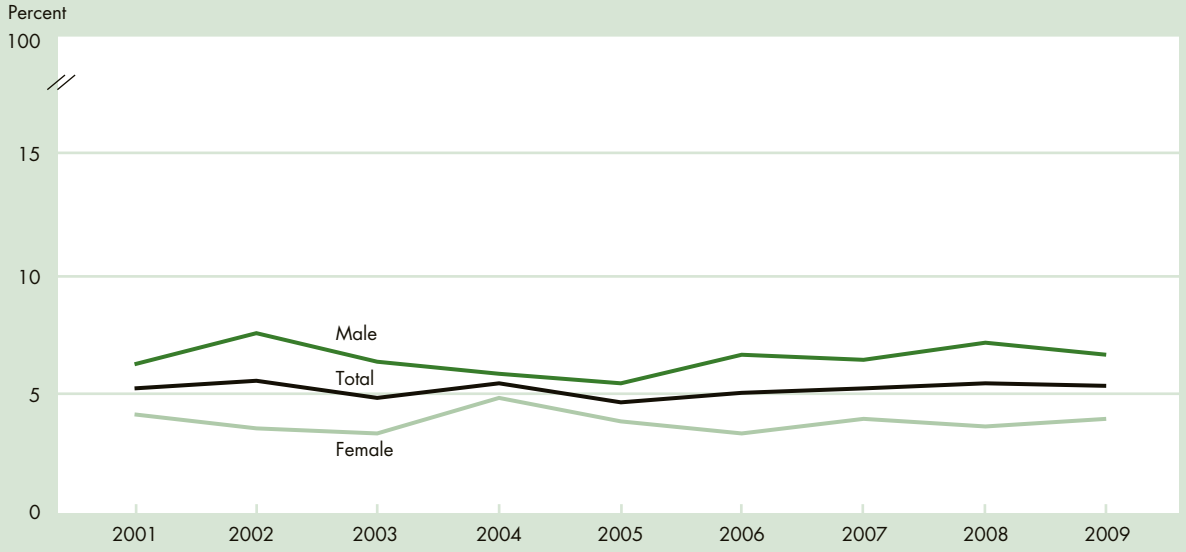
- The infant mortality rate declined to 6.4 deaths per 1,000 live births in 2009 from 6.6 in 2008 and 6.8 in 2007.
- Substantial racial and ethnic disparities in infant mortality continue. Black, non-Hispanic and American Indian or Alaskan Native infants have consistently had higher infant mortality rates than those of other racial or ethnic groups. For example, in 2006, the Black, non-Hispanic infant mortality rate was 13.4 infant deaths per 1,000 live births and the American Indian or Alaskan Native rate was 8.3 per 1,000 live births; both rates were higher than the rates among White, non-Hispanic (5.6 per 1,000 live births), Hispanic (5.4 per 1,000 live births), and Asian or Pacific Islander (4.6 per 1,000 live births) infants.
- Infant mortality rates also vary within racial and ethnic populations. For example, among Hispanics in the United States, the infant mortality rate for 2006 ranged from a low of 4.5 deaths per 1,000 live births for infants of Central and South American origin to a high of 8.0 per 1,000 live births for Puerto Rican infants.

Bullets contain references to data that can be found in Table HEALTH2 on page 172. Endnotes begin on page 75.

Emotional and Behavioral Difficulties

Good emotional and behavioral health enhances a child's sense of well-being, supports satisfying social relationships at home and with peers, and facilitates achievement of full academic potential.[120] Children with emotional or behavioral difficulties may have problems managing their emotions, focusing on tasks, and/or controlling their behavior. These difficulties, which may persist throughout a child's development and can lead to lifelong problems, are usually noticed first by parents.[121] Parents play a crucial role in informing health professionals about a child's emotional and behavioral difficulties and obtaining mental health services.[122]

Indicator HEALTH3 **Percentage of children ages 4–17 reported by a parent to have serious emotional or behavioral difficulties by gender, 2001–2009**



NOTE: Children with serious emotional or behavioral difficulties are defined as those whose parent responded "yes, definite" or "yes, severe" to the following question on the Strengths and Difficulties Questionnaire (SDQ):[123] "Overall, do you think that (child) has difficulties in any of the following areas: emotions, concentration, behavior, or being able to get along with other people?" Response choices were: (1) no; (2) yes, minor difficulties; (3) yes, definite difficulties; (4) yes, severe difficulties. These difficulties may be similar to but do not equate with the Federal definition of serious emotional disturbances (SED), used by the Federal government for planning purposes.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

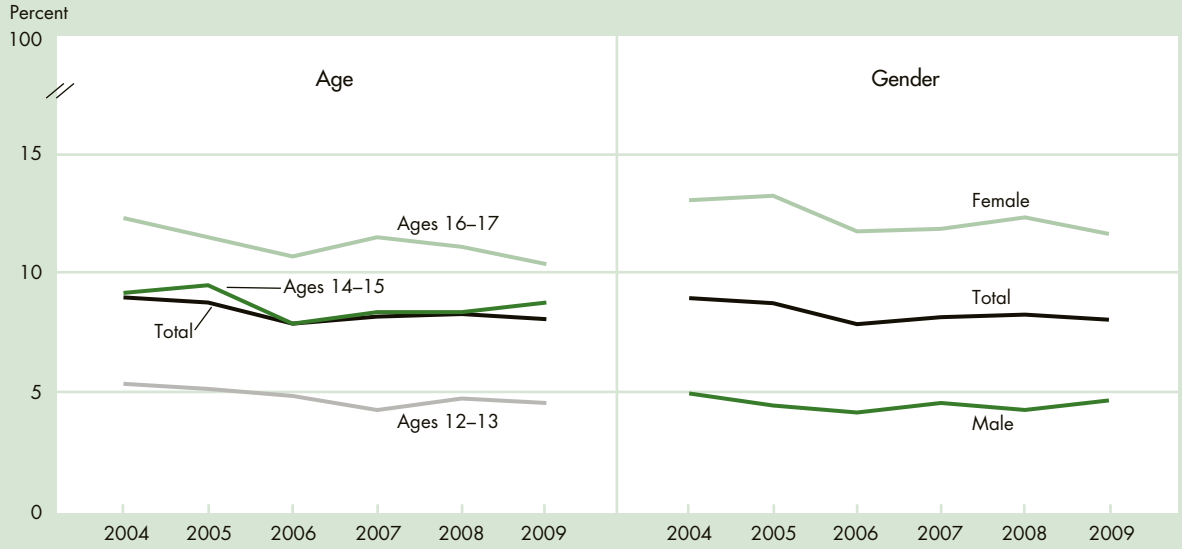
- In 2009, slightly more than 5 percent of children ages 4–17 were reported by a parent to have serious difficulties with emotions, concentration, behavior, or being able to get along with other people.
- Between 2001 and 2009, the percentage of children with serious emotional or behavioral difficulties remained stable at about 5 percent.
- In 2009, the percentage of children with serious emotional or behavioral difficulties differed by gender. More males (7 percent) than females (4 percent) ages 4–17 years were reported by a parent to have such difficulties.
- In 2009, 8 percent of children living below the poverty level and 7 percent of children in families with incomes 100–199 percent of the poverty level had serious emotional or behavioral difficulties, compared with 4 percent of children with family incomes 200 percent or more of the poverty level.
- Among the parents of children with serious difficulties, 26 percent reported that their child received special education services for emotional or behavioral difficulties, 40 percent reported that they had contacted a general doctor about their child's emotional or behavioral difficulties, and 45 percent reported that they had contact with a mental health professional about their child's difficulties.

Bullets contain references to data that can be found in Tables HEALTH3.A and HEALTH3.B on pages 173–175. Endnotes begin on page 75.

Adolescent Depression

Depression has a significant impact on adolescent development and well being. Adolescent depression can adversely affect school and work performance, impair peer and family relationships, and exacerbate the severity of other health conditions such as asthma and obesity.[124,125,126] Depressive episodes often persist, recur, or continue into adulthood.[127] Youth who have had a Major Depressive Episode (MDE) in the past year are at greater risk for suicide and are more likely than other youth to initiate alcohol and other drug use, experience concurrent substance use disorders, and smoke daily.[128,129,130]

Indicator HEALTH4 **Percentage of youth ages 12–17 who experienced a Major Depressive Episode (MDE) in the past year by age and gender, 2004–2009**



NOTE: Major Depressive Episode (MDE) is defined as a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities plus at least four additional symptoms of depression (such as problems with sleep, eating, energy, concentration, and feelings of self-worth) as described in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)*.

SOURCE: Substance Abuse and Mental Health Services Administration, National Survey on Drug Use and Health.

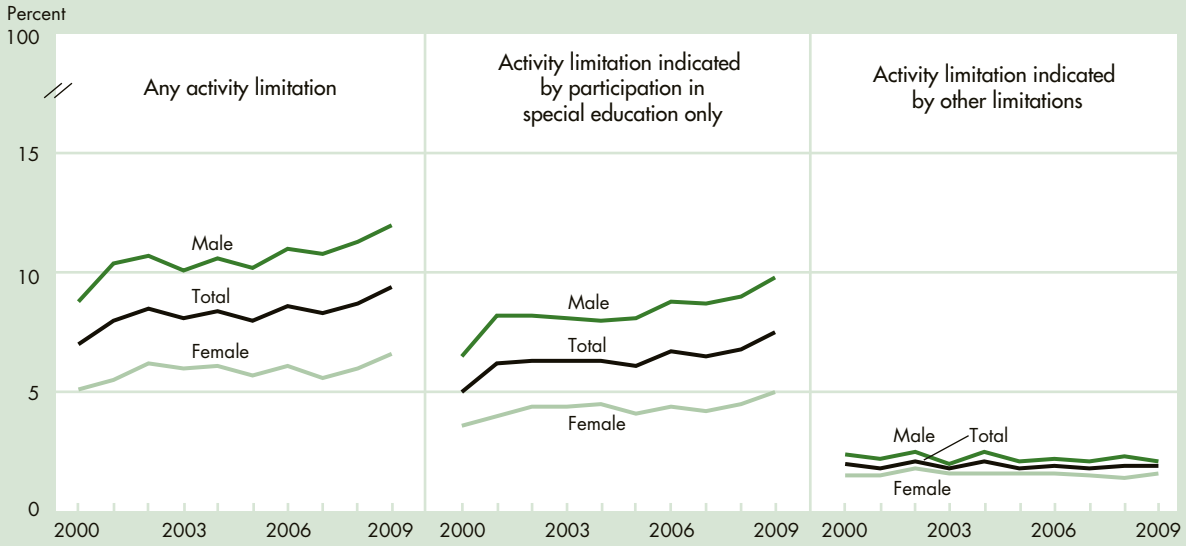
- In 2009, 8 percent of the population ages 12–17 had a Major Depressive Episode (MDE) during the past year, a lower rate than that reported in 2004 (9 percent).
- In each year between 2004 and 2009, the prevalence of MDE among youth was more than twice as high among females (12 percent to 13 percent) as among males (4 percent to 5 percent).
- The past-year prevalence of MDE in 2009 was lowest in youth ages 12–13 (5 percent), compared with youth ages 14–15 (9 percent) and youth ages 16–17 (10 percent).
- In 2009, 72 percent of youth with MDE (5.8 percent of the population ages 12–17) reported that the MDE caused severe problems in at least one major role domain (home, school/work, family relationships, social life).
- The percentage of youth with MDE receiving treatment for depression, defined as seeing or talking to a medical doctor or other professional about the depressive episode and/or using prescription medication for depression in the past year, declined from 40 percent in 2004 to 35 percent in 2009.

Bullets contain references to data that can be found in Tables HEALTH4.A–HEALTH4.C on pages 176–178. Endnotes begin on page 75.

Activity Limitation

Activity limitation refers to a person's inability, due to a chronic physical, mental, emotional, or behavioral condition, to participate fully in age-appropriate activities. Age-appropriate activities for children ages 5–17 consist of a child's ability to complete regular school work and perform other activities, including self-care and walking. Activity limitation is a broad measure of health and functioning affected by a variety of chronic health conditions. The causes of activity limitation most often reported by parents of children ages 5–17 include learning disabilities, speech problems, and other mental, emotional, and behavioral problems.[131]

Indicator HEALTH5 **Percentage of children ages 5–17 with activity limitation resulting from one or more chronic health conditions by gender, 2000–2009**



NOTE: Children are identified as having activity limitation by asking parents (1) whether children receive special education services and (2) whether they are limited in their ability to walk, care for themselves, or participate in other activities. "Activity limitation indicated by participation in special education" only includes children identified solely by their use of special education services. "Activity limitation indicated by all other limitations" includes limitations in self-care, walking, or other activities; children in this category may also receive special education services. Chronic health conditions are conditions that once acquired are not cured or have a duration of 3 months or more.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

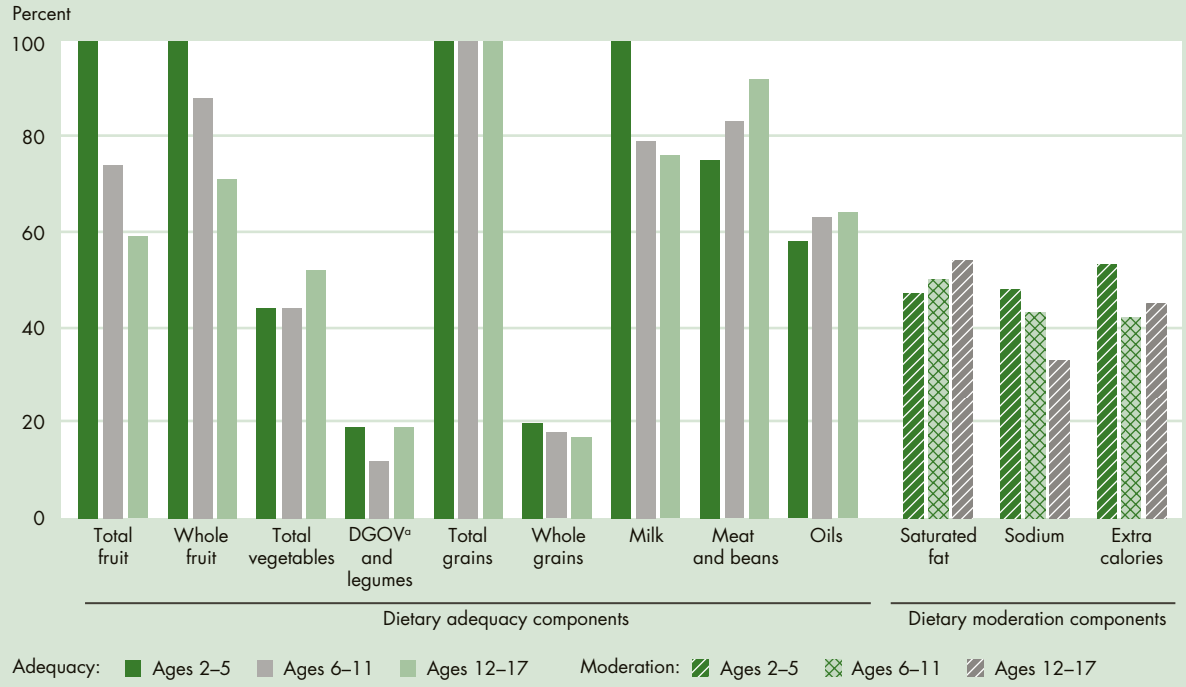
- In 2009, 9 percent of children ages 5–17 were reported by parents to have activity limitation due to chronic conditions. Eight percent of children ages 5–17 were identified as having activity limitation solely by their participation in special education, and 2 percent had limitations in their ability to walk, care for themselves, or participate in other activities.
- Activity limitation, particularly when identified only by participation in special education, was reported more often for male (10 percent) children than for female (5 percent) children.
- In 2009, approximately 12 percent of children living below the poverty level and 11 percent of children living in families with incomes 100–199 percent of the poverty level had activity limitation, compared with 8 percent of children with family incomes 200 percent or more of the poverty level.
- Among children of different racial and ethnic origins, Hispanic (8 percent) children were less likely than White, non-Hispanic and Black, non-Hispanic (10 percent each) children to have a parental report of activity limitation.

Bullets contain references to data that can be found in Table HEALTH5 on page 179. Endnotes begin on page 75.

Diet Quality

The diet quality of children and adolescents is of concern. Poor eating patterns in childhood are major contributors to childhood obesity (see HEALTH 7) and contribute to chronic diseases starting in childhood, such as type 2 diabetes,[132] and those that emerge throughout the life cycle, such as cardiovascular disease.[133] The Healthy Eating Index-2005 (HEI-2005) is a dietary assessment tool comprising the 12 components shown below. The HEI-2005 measures quality in terms of how well diets meet the recommendations of the 2005 *Dietary Guidelines for Americans* and MyPyramid, USDA's food guidance system (www.MyPyramid.gov).[134,135,136] The HEI-2005 component scores are averages across all children and reflect usual dietary intakes.[137] Nine components of the HEI-2005 address nutrient adequacy. The remaining three components assess saturated fat, sodium, and extra calories, all of which should be consumed in moderation. The diet quality scores of children would be improved by increasing the intake of vegetables, especially dark green and orange vegetables (DGOV) and beans and peas (legumes); fruits; and whole grains and by decreasing the intake of saturated fat, sodium (salt), and extra calories from solid fats and added sugars.

Indicator HEALTH6 **Average diet scores for children ages 2–17, expressed as a percentage of Federal diet quality standards, by age group, 2007–2008**



[a] DGOV means dark green and orange vegetables.

NOTE: HEI-2005 scores are expressed as percentages of recommended dietary intake levels. A score corresponding to 100 percent indicates that the recommendation was met or exceeded on average. A score below 100 percent indicates that average intake does not meet the recommendations for that component. For the adequacy components, higher scores reflect higher intakes. For the moderation components, higher scores reflect lower intakes because lower intakes are more desirable. For all components, a higher percentage indicates a higher quality diet. "Extra calories" refers to calories from solid fats (i.e., sources of saturated fats and *trans* fats) and added sugars (i.e., sugars not naturally occurring).

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 2007–2008 and U.S. Department of Agriculture, Center for Nutrition Policy and Promotion MyPyramid Equivalents Database 2007–2008 (preliminary).

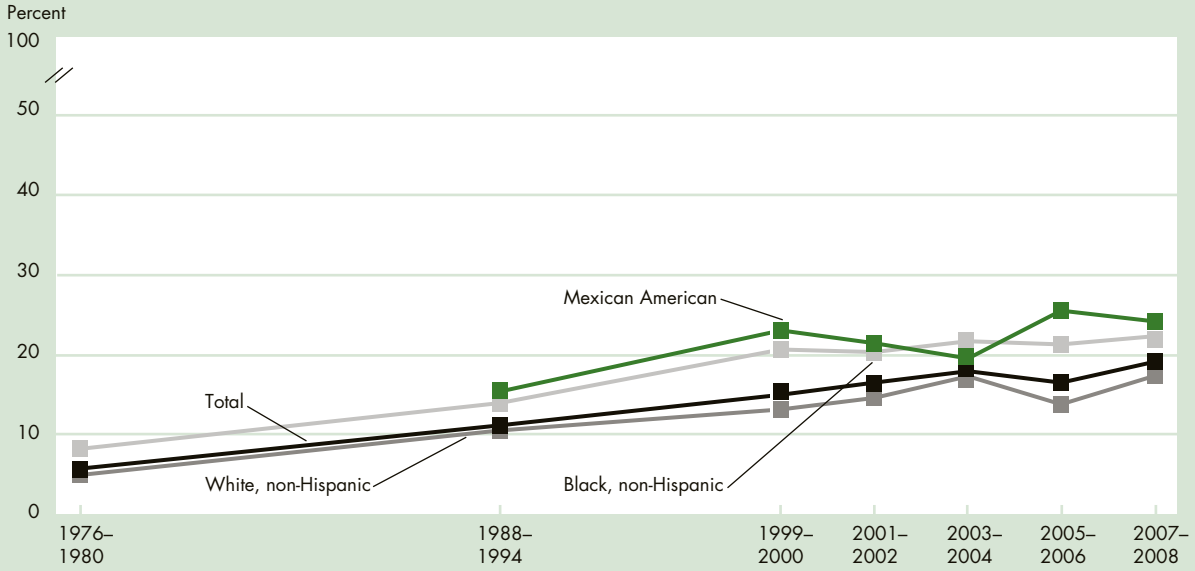
- In 2007–2008, the average diet quality score for all age groups met or exceeded the standards only for total grains, and only the youngest children (ages 2–5) met or exceeded the standards for total fruit, whole fruit, and milk. All other diet quality components did not meet standards.
- On average, the diet quality of the youngest children was better than older children for total fruit, whole fruit, milk, sodium, and extra calories from solid fats and added sugars. The diet quality of the oldest children (ages 12–17) was better than younger children for total vegetables, meat and beans, and saturated fat.

Bullets contain references to data that can be found in Table HEALTH6 on page 180. Endnotes begin on page 75.

Obesity

Obese adolescents often become obese adults, with increased risks for a wide variety of poor health outcomes, including diabetes, stroke, heart disease, arthritis, and certain cancers.[138,139] The immediate consequences of obesity in childhood are often psychosocial, but also include cardiovascular risk factors such as high blood pressure, high cholesterol, and the precursors to diabetes.[140] The prevalence of obesity among U.S. children changed relatively little from the early 1960s through 1980; however, after 1980 it increased sharply.[141] Between 1999 and 2008, the prevalence of obesity was stable in both boys and girls.[142] Recent national estimates indicate that only about 18 percent of adolescents meet current physical activity recommendations of 1 hour of physical activity a day and only about 22 percent eat five or more servings of fruits and vegetables per day.[143] In addition to individual factors such as these, social, economic, and environmental forces (e.g., advances in technology and trends in eating out) may have contributed to the high prevalence of obesity.

Indicator HEALTH7 **Percentage of children ages 6–17 who are obese by race and Hispanic origin, selected years 1976–2008**



NOTE: Previously a body mass index (BMI) at or above the 95th percentile of the sex-specific BMI growth charts was termed overweight (http://www.cdc.gov/growthcharts). Beginning with *America's Children, 2010*, a BMI at or above the 95th percentile is termed obese to be consistent with other NCHS publications. Estimates of obesity are comparable to estimates of overweight in past reports.[144] All estimates have a relative standard error of less than 30 percent and meet agency standards for publication. Observed differences between 2-year estimates for race/ethnic groups are not statistically significant unless noted. From 1976 to 1994, the 1977 Office of Management and Budget (OMB) Standards were used to classify persons into one of four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. For 1999–2008, the revised 1997 OMB Standards were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Included in the total are racial groups not shown separately. Beginning in 1999, racial categories represent persons reporting only one race. Data from 1999 onward are not directly comparable with data from earlier years. Persons of Mexican origin may be of any race. From 1976 to 2006, the NHANES sample was designed to provide estimates specifically for persons of Mexican origin. In 2007, NHANES allowed for reporting of total Hispanics and for Mexican Americans; however, estimates reported here are for Mexican Americans to be consistent with earlier years.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

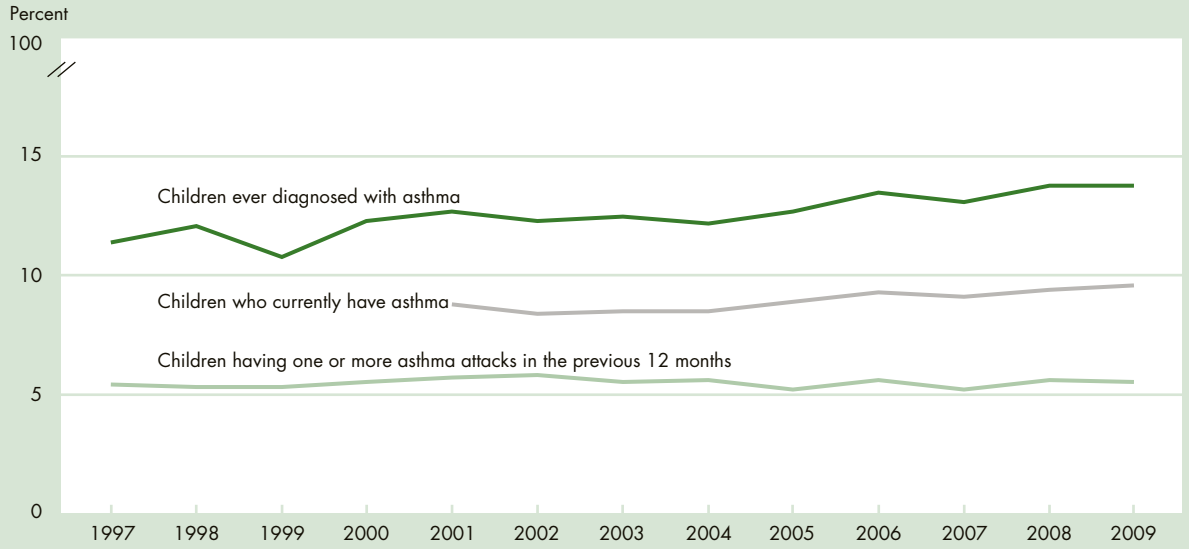
- In 1976–1980, only 6 percent of children ages 6–17 were obese. This percentage rose to 11 percent in 1988–1994 and to 17 percent in 2005–2006. In 2007–2008, 19 percent of children ages 6–17 were obese, which was not statistically different from the percentage in 2005–2006.
- Combined data for the years 2005–2008 indicate that Mexican American and Black, non-Hispanic children were more likely to be obese than White, non-Hispanic children.[145]
- In 2007–2008, 20 percent of children ages 6–11 were obese and 19 percent of adolescents ages 12–17 were obese. There was no statistical difference between the percentages of the younger and older age groups.
- In 2007–2008, there was no statistical difference between boys and girls in the percentage of children who were obese.

Bullets contain references to data that can be found in Table HEALTH7 on page 181. Endnotes begin on page 75.

Asthma

Asthma is a disease of the lungs that can cause wheezing, difficulty in breathing, and chest pain. It is one of the most common chronic diseases among children and is costly in both health and monetary terms. Asthma varies greatly in severity. Some children who have been diagnosed with asthma may not experience any serious respiratory effects. Other children may have mild symptoms or may respond well to management of their asthma, typically through the use of medication. Some children with asthma may, however, suffer serious attacks that greatly limit their activities, result in visits to emergency rooms or hospitals, or, in rare cases, cause death. Environmental factors such as air pollution and secondhand tobacco smoke, along with infections, exercise, and allergens, can trigger asthma attacks in children who have the disease.[54,55,58,146,147,148]

Indicator HEALTH8 **Percentage of children ages 0–17 with asthma, 1997–2009**



NOTE: Children are identified as ever diagnosed with asthma by asking parents, "Has a doctor or other health professional EVER told you that your child has asthma?" If the parent answers YES to this question, they are then asked (1) "Does your child still have asthma?" and (2) "During the past 12 months, has your child had an episode of asthma or an asthma attack?" The question "Does your child still have asthma?" was introduced in 2001 and identifies children who currently have asthma.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

- In 2009, about 14 percent of children had been diagnosed with asthma at some time in their lives.
- About 10 percent of children were reported to currently have asthma in 2009. These include children with active asthma symptoms and those whose asthma is well controlled.
- Approximately 5 percent of all children had one or more asthma attacks in the previous 12 months. These children have ongoing asthma symptoms that could put them at risk for poorer health outcomes, including hospitalizations and death. About 3 children out of 5 who currently have asthma have ongoing asthma symptoms.
- In 2009, about 17 percent of Black, non-Hispanic children were reported to currently have asthma, compared with 9 percent of White, non-Hispanic and 8 percent of Hispanic children. Disparities exist within the Hispanic population such that 16 percent of Puerto Rican children were reported to currently have asthma, compared with 7 percent of children of Mexican origin.
- From 2001 to 2009, there was an increasing trend in the percentage of children reported to currently have asthma. Between 1980 and 1995, childhood asthma more than doubled (from about 4 percent in 1980 to approximately 8 percent in 1995). Methods for measurement of childhood asthma changed in 1997, so earlier data cannot be compared to data from 1997–2009.

Bullets contain references to data that can be found in Tables HEALTH8.A and HEALTH8.B on page 182. Endnotes begin on page 75.

Indicator Needed

Health

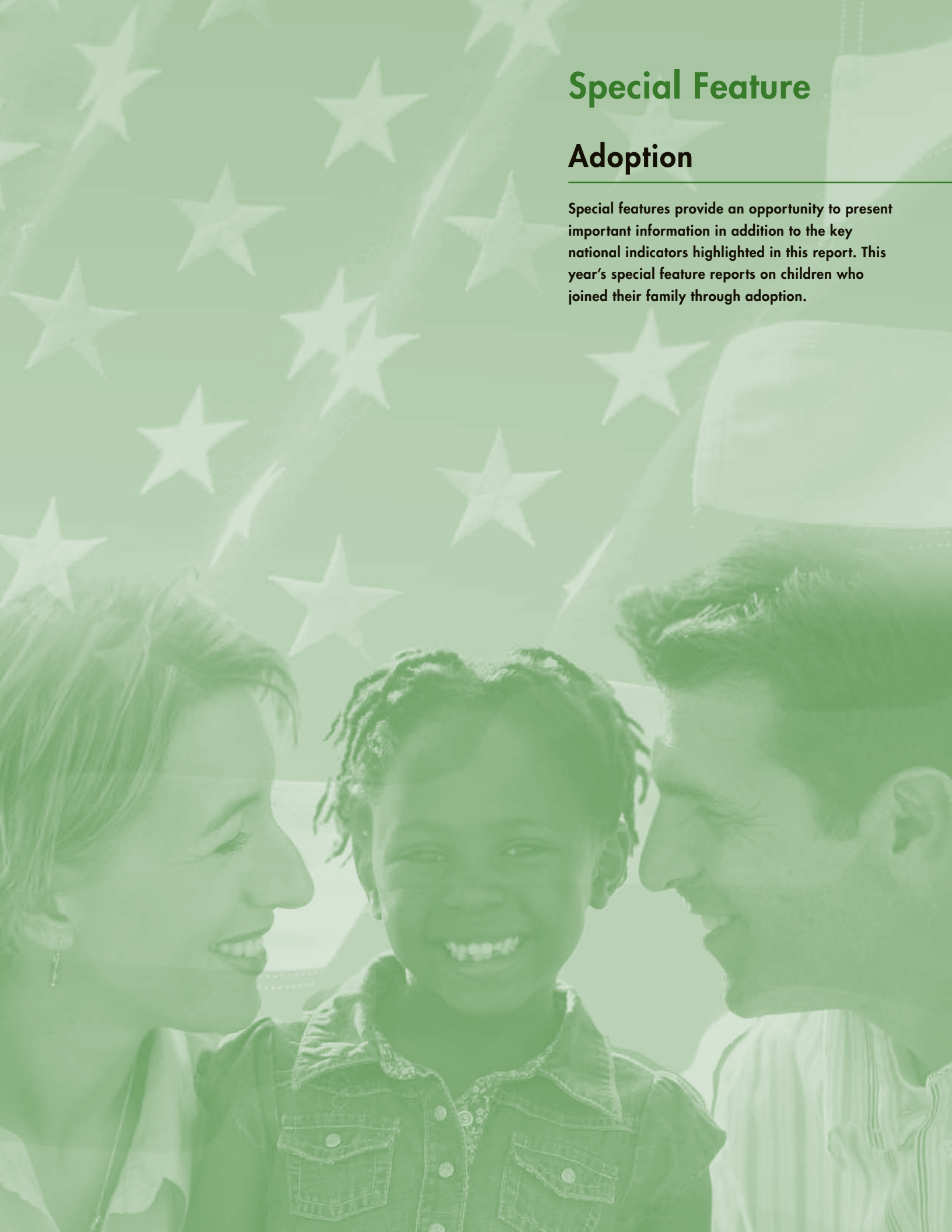
National indicators on several key dimensions of health are not yet available because of the difficulties in reaching consensus on relevant definitions and measurements. The following health-related area has been identified as a priority for indicator development:

- *Disability.* The Forum has had a longstanding interest in developing an improved measure of child disability based on the functional difficulties experienced by children. The *International Classification of Functioning, Disability, and Health for Children and Youth* (ICF-CY) provides a broad conceptual framework and terminology that may be a useful guide for the development of a new measure of child disability. Currently, there is little agreement about which domains of functioning should be included in a child disability measure and how functioning difficulties within these domains should be measured for children of different ages. However, recent progress in the development of an adult disability measure derived from regularly collected survey data is encouraging and underscores the need to devise a similarly concise measure of child disability.

Special Feature

Adoption

Special features provide an opportunity to present important information in addition to the key national indicators highlighted in this report. This year's special feature reports on children who joined their family through adoption.

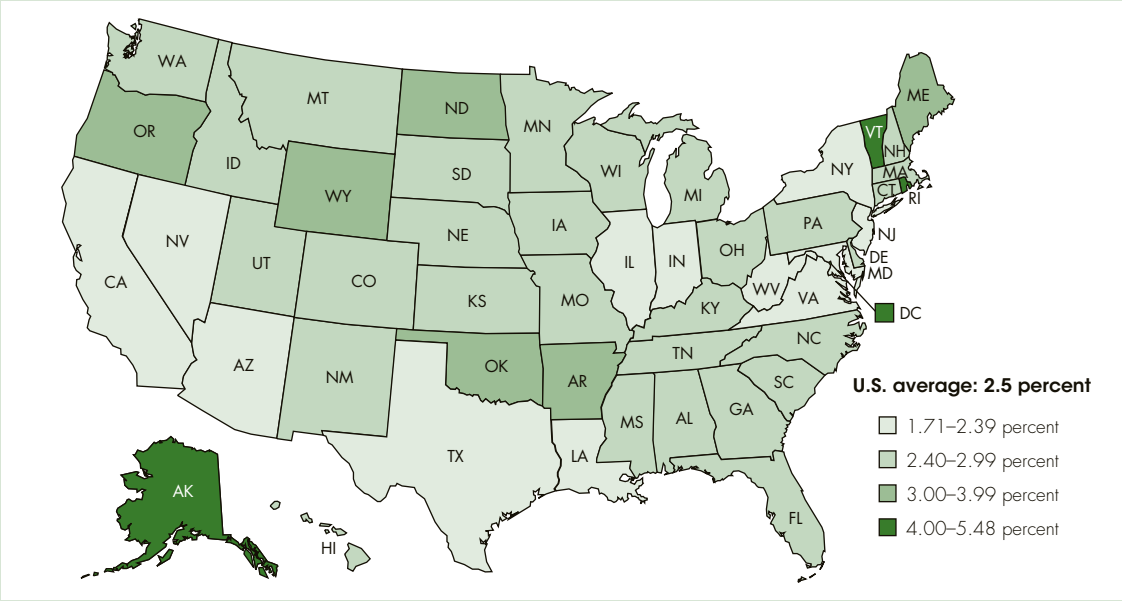


Adoption

Because children develop best in the context of families, adoptive families are sought for children whose birth families cannot care for them. Adoption has long been and continues to be preferred over alternatives such as long term foster care or congregate care such as group homes, emergency shelters, and orphanages. Yet children who are adopted, particularly those adopted beyond the first months of life, experience disruptions in parenting that can have longstanding implications for their development and well-being. Even children adopted as infants face challenges with identity development and issues of loss and grief regarding birth parents. In addition, more than half (52 percent) of adopted children nationally have parents who think it likely that their adopted child was prenatally exposed to alcohol or other drugs, a figure that is several times higher than national statistics for alcohol and drug use during pregnancy.[149,150] Those adopted at older ages may also suffer consequences of maltreatment or deprivation and trauma in the months or years prior to the adoption. Adopted children are at elevated risk for physical disabilities, adjustment problems, externalizing behaviors, conduct disorders, and attachment disorders.[151] Even so, most adopted children thrive, and most adoptive parents report both that they would make the same adoption decisions again and that their children also feel positive about their adoption.[152]

This special feature provides data on adopted children, focusing on their number, their geographic distribution, and several indicators relevant to their well-being. The data for this section come from three nationally representative surveys. The American Community Survey is a large annual survey of the U.S. population, providing estimates of a variety of groups and their characteristics, including state-specific estimates. In 2007, the National Survey of Children's Health surveyed households with a focal child age of 0–17 about their children's physical, emotional, and behavioral health and their experiences with the health care system. The National Survey of Adoptive Parents surveyed a subset of respondents to the children's health survey (those who reported that the focal child had been adopted) regarding their characteristics, needs, and adoption-specific experiences. Together, the data from these surveys provide a detailed look at adopted children.

Indicator SPECIAL1.A **Percentage of children ages 0–17 who are adopted by state, 2008**



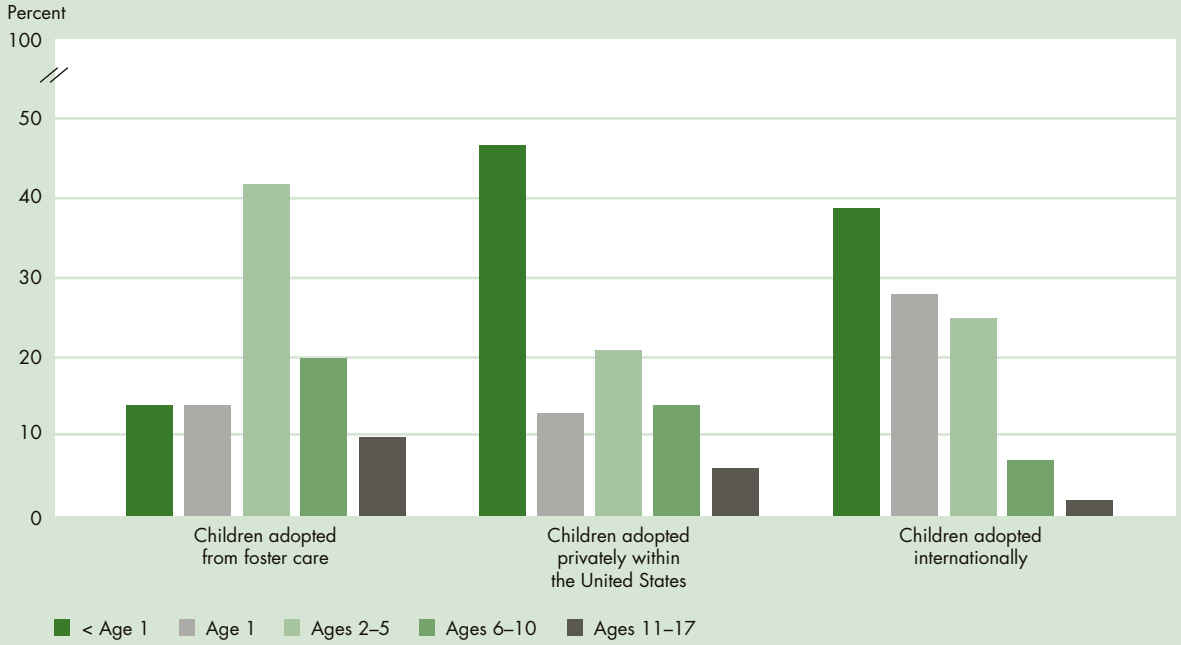
NOTE: For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/Downloads/data_documentation/Accuracy/accuracy2008.pdf.

SOURCE: U.S. Census Bureau, American Community Survey.

- As of 2008, approximately 2.5 percent of U.S. children joined their families through adoption, including adoptions from foster care, private domestic adoptions, international adoptions, and stepparent adoptions.[153]
- The formation of families through adoption occurs throughout the nation. In 2008, the proportion of children in each state who were adopted ranged from 1.7 percent to 5.5 percent. In most states, the percentage of adopted children was near the national average of 2.5 percent.

The following pages depict sociodemographic characteristics of adopted children and adoptive parents and the prevalence of transracial adoption in states. Transracial adoption raises concerns about how the affected children feel about their racial and ethnic identity. In addition, differences between all children and adopted children by selected measures of well-being and also by the presence of moderate to severe health problems are shown across different types of adoptions.

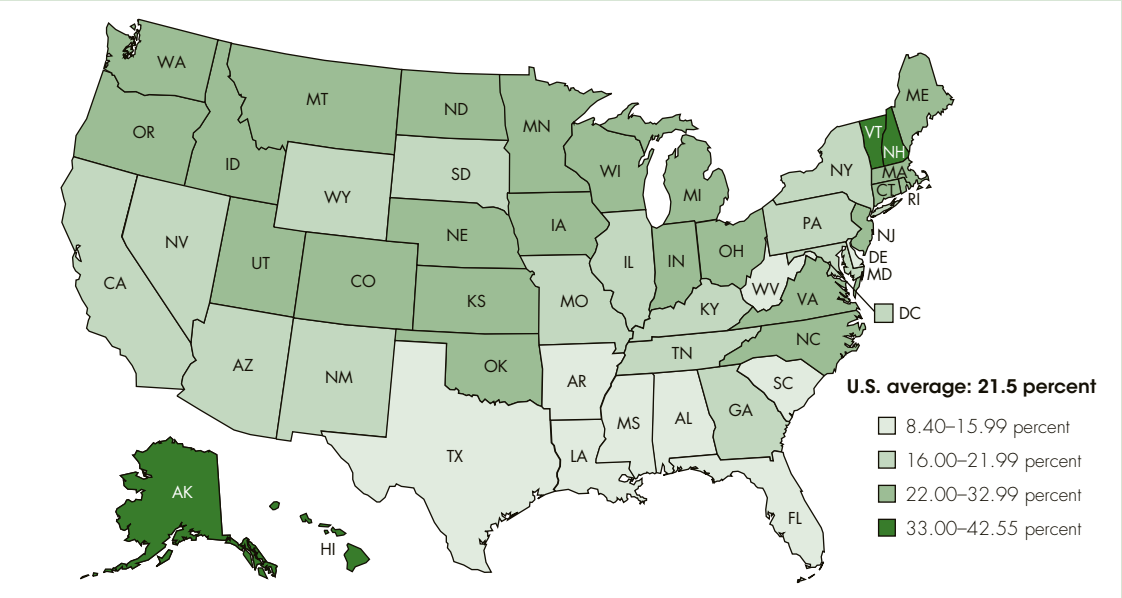
Indicator SPECIAL1.B **Percentage of adopted children ages 0–17 by adoption type and age at adoption, 2007**



SOURCE: Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Administration for Children and Families and National Center for Health Statistics, State and Local Area Integrated Telephone Survey, National Survey of Adoptive Parents.

- In 2007, approximately 1.8 million children lived with adoptive rather than biological parents. Their adoptions may have been arranged privately within the United States (38 percent of adoptions into households without a biological parent), or their adoptions have been made from foster care (37 percent) or from international sources (25 percent).
- More children adopted from foster care were adopted at older ages than were children adopted through other adoption types. Sixty-seven percent of international adoptions and 59 percent of private domestic adoptions occurred before the child was age 2, compared with only 28 percent of foster care adoptions.
- Adopted children, when compared with all children, were less likely to be White, non-Hispanic (37 vs. 56 percent) or Hispanic (15 vs. 22 percent) and were more likely to be Black, non-Hispanic (23 vs. 14 percent) or Asian, non-Hispanic (15 vs. 4 percent). However, adoptive parents were more likely than all adults to be White, non-Hispanic.[154] Overall, 73 percent of adoptive parents were White, compared with 67 percent among all adults.
- By adoption type, White, non-Hispanic parents made up 63 percent of those who adopted from foster care, 71 percent of those who adopted privately within the U.S., and 92 percent of those who adopted internationally.
- Family income varied by adoption type: 93 percent of children adopted internationally lived in families with incomes over 200 percent of the poverty level, compared with 53 percent of children adopted from foster care and 65 percent of children adopted privately within the United States.

Indicator SPECIAL1.C **Percentage of adopted children ages 0–17 who are of a different race than their adoptive parent by state, 2008**

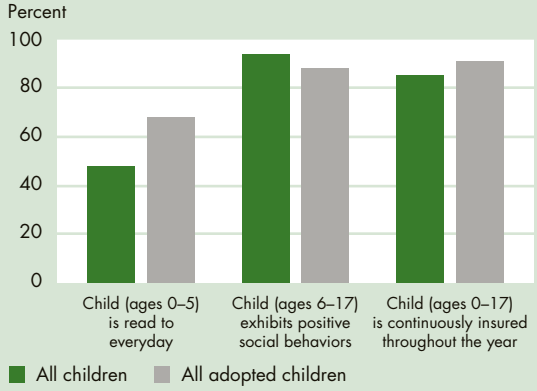


NOTE: For information on confidentiality protection, sampling error, nonsampling error, and definitions, see www.census.gov/acs/www/Downloads/data_documentation/Accuracy/accuracy2008.pdf. Persons of Hispanic origin may be of any race. Shown are adopted children whose householder/parent is reported to be of a different race group from the adopted child; the race groups are White alone, Black alone, American Indian or Alaska Native alone, Asian alone or Native Hawaiian or Pacific Islander alone, Some other race alone, White and Black, White and American Indian or Alaska Native, White and Asian or Native Hawaiian or Pacific Islander, White and Some other race, or either the adopted child or householder/parent reports a multiple race group combination not listed above.

SOURCE: U.S. Census Bureau, American Community Survey.

- Nationally, in 2008, 21.5 percent of adopted children were of a different race than their adoptive parent.[155] These are known as transracial adoptions. The prevalence of transracial adoption varied significantly among states, from 8.4 percent of adopted children in West Virginia to 42.5 percent of adopted children in Alaska.
- The percentage of adopted children in the South who were of a different race than their adoptive parent (17 percent) was lower than in the other regions (about 23 to 25 percent).
- Adopted children can be compared to all children in certain measures of well-being. In 2007, adopted children ages 0–5 were more likely to be read to every day than were all children in this age group (68 percent vs. 48 percent).
- Among adopted children, there were differences in measures of well-being by adoption type. Positive social behaviors were exhibited by 83 percent of children adopted from foster care, compared with 91 percent of children adopted privately within the United States. Ninety-four percent of children adopted from foster care were continuously insured throughout the year, compared with 88 percent of children adopted privately within the United States.

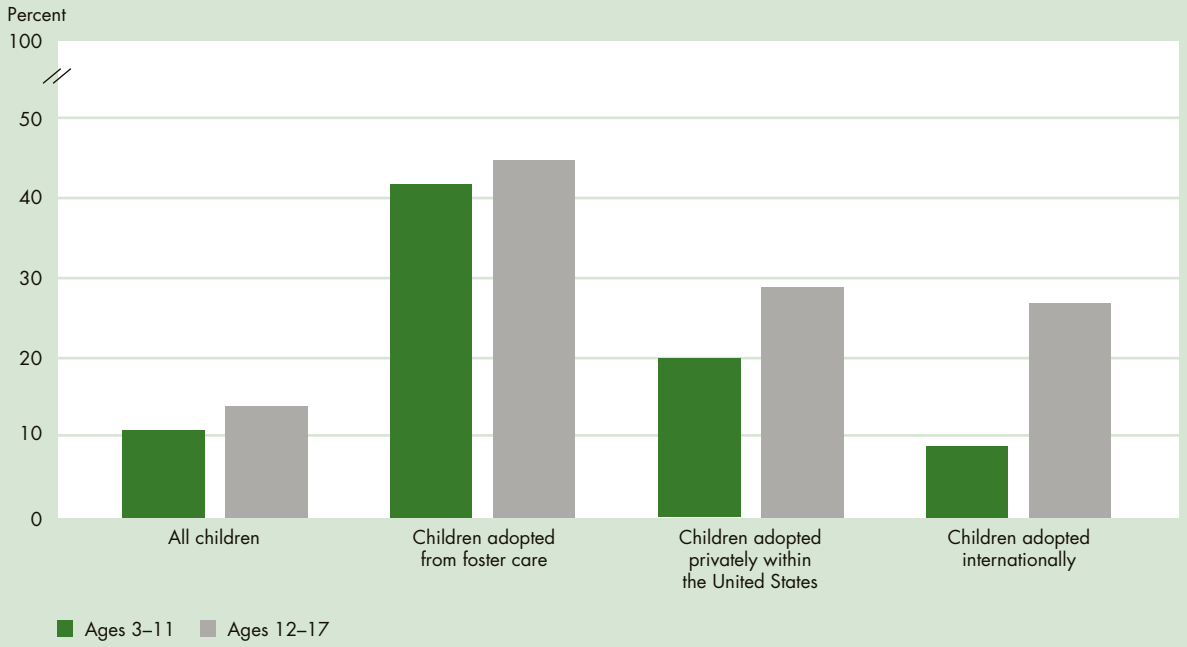
Indicator SPECIAL1.D **Percentage of children with selected well-being measures by adoptive status, 2007**



NOTE: Children are classified as exhibiting positive social behaviors if their parent reported that their child "usually" or "always" engaged in all four of the following behaviors: "[shows] respect for teachers and neighbors," "[gets] along well with other children," "[tries] to understand other people's feelings," and "[tries] to resolve conflicts with classmates, family, or friends."

SOURCE: Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Administration for Children and Families and National Center for Health Statistics (NCHS), State and Local Area Integrated Telephone Survey (SLAITS), National Survey of Adoptive Parents; and Maternal and Child Health Bureau and NCHS, SLAITS, National Survey of Children's Health.

Indicator SPECIAL1.E **Percentage of children ages 3–17 with moderate to severe health problems by age, adoptive status, and adoption type, 2007**



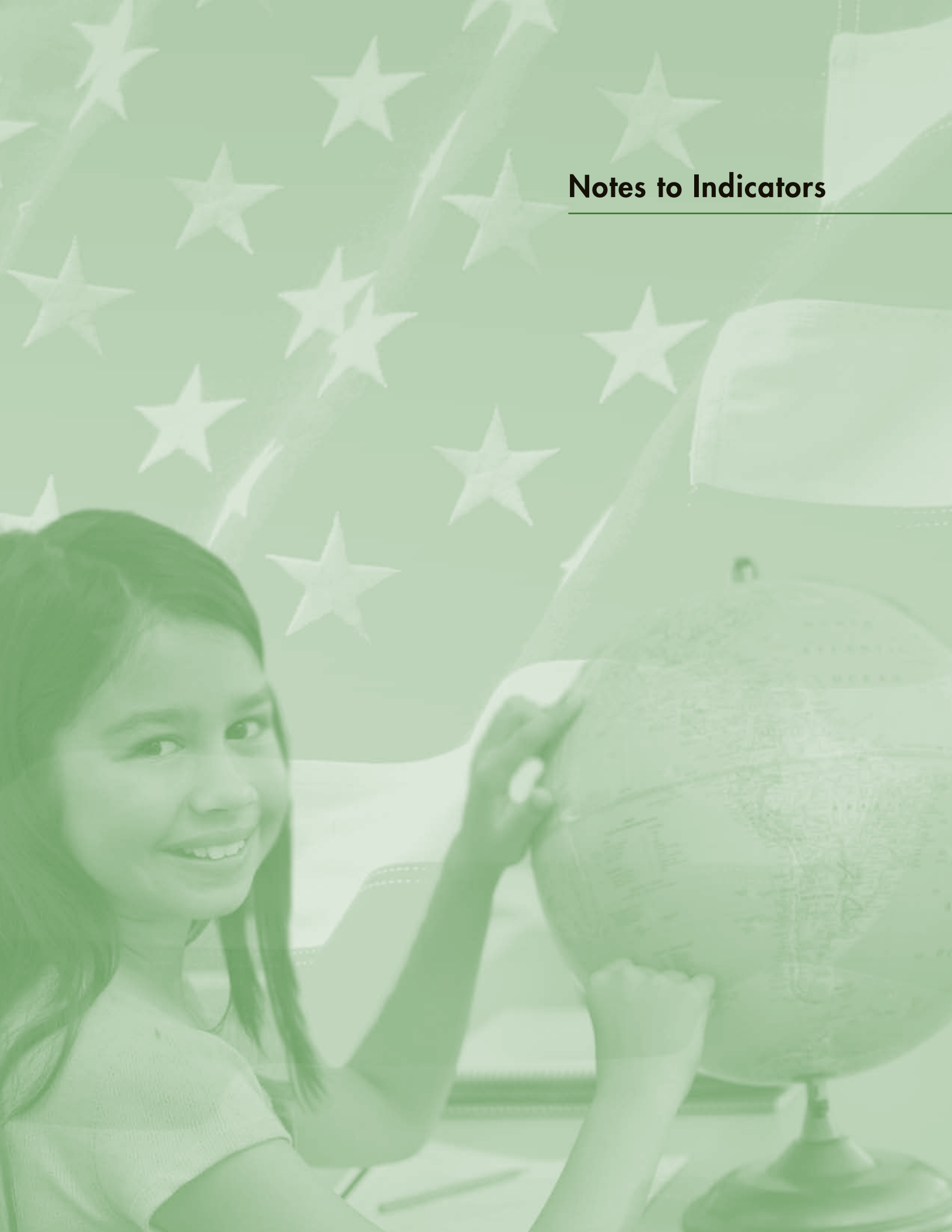
NOTE: Children are considered to have moderate to severe health problems if their parent reported that a doctor had ever told them that their child had one of 16 health conditions included in the survey, and the parent characterized that condition as being either moderate or severe at the time of the interview. The specific health conditions include: learning disabilities; Attention Deficit Disorder or Attention Deficit with Hyperactivity Disorder; depression, anxiety problems, behavior or conduct problems; Autism or Autism Spectrum Disorder; developmental delay; speech problems such as stuttering or stammering; asthma, diabetes, Tourette Syndrome, epilepsy or other seizure disorder; hearing problems; vision problems that cannot be corrected with glasses or contact lenses; bone, joint or muscle problems; and brain injury or concussion. Some conditions were not assessed for children under age 3. In addition, relatively small samples and low prevalence of conditions among children ages 3–5 made a separate breakout of this age group infeasible.

SOURCE: Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Administration for Children and Families and National Center for Health Statistics (NCHS), State and Local Area Integrated Telephone Survey (SLAITS), National Survey of Adoptive Parents; and Maternal and Child Health Bureau and NCHS, SLAITS, National Survey of Children's Health.

- In 2007, 29 percent of adopted children had moderate to severe health problems, compared with 12 percent of all children. Children who had been adopted from foster care had a higher percentage with one or more moderate to severe health problems than did children adopted from other sources. For instance, among 12- to 17-year olds, the age group with the highest prevalence of such problems, 45 percent of foster care adoptees had one or more moderate to severe health problems, compared with 29 percent of children adopted privately within the United States and 27 percent of children adopted internationally.
- The most common moderate to severe health problems experienced by adopted children were learning disabilities (experienced by 12 percent of all adopted children), Attention Deficit Disorder or Attention Deficit with Hyperactivity Disorder (12 percent), and behavior/conduct problems (8 percent).

Bullets contain references to data that can be found in Tables SPECIAL1.A–SPECIAL1.E on pages 183–186. Endnotes begin on page 75.

Notes to Indicators



Notes to Indicators

[1] The majority of children who live with neither of their parents are living with grandparents or other relatives. Others who live with neither parent live with foster parents or other nonrelatives.

[2] Federal surveys now give respondents the option of reporting more than one race. Therefore, two basic ways of defining a race group are possible. A group such as Black may be defined as those who reported Black and no other race (the race-alone or single-race concept) or as those who reported Black regardless of whether they also reported another race (the race-alone-or-in-combination concept). This indicator shows data using the first approach (race alone). Use of the single-race population does not imply that it is the preferred method of presenting or analyzing data. The U.S. Census Bureau uses a variety of approaches. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[3] For more information, refer to America's Families and Living Arrangements 2010 detailed tables, available at http://www.census.gov/population/www/socdemo/hh-fam/cps2010.html.

[4] National Center for Health Statistics. (1995). *Report to Congress on out-of-wedlock childbearing.* Hyattsville, MD: Author.

[5] McLanahan, S. (1995). The consequences of nonmarital childbearing for women, children, and society. In National Center for Health Statistics, *Report to Congress on out-of-wedlock childbearing.* Hyattsville, MD: National Center for Health Statistics.

[6] Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Mathews, T.J., and Osterman, M.J.K. (2010). Births: Final data for 2008. *National Vital Statistics Reports 59*(1). Hyattsville, MD: National Center for Health Statistics.

[7] Ventura, S.J. (1995). Births to unmarried mothers: United States, 1980–1992. *Vital and Health Statistics, 53*(21). Hyattsville, MD: National Center for Health Statistics.

[8] Ventura, S.J., and Bachrach, C.A. (2000). Nonmarital childbearing in the United States, 1940–1999. *National Vital Statistics Reports, 48*(16). Hyattsville, MD: National Center for Health Statistics.

[9] Mathews, T.J., and MacDorman, M.F. (2010). Infant mortality statistics from the 2006 period linked birth/infant death data set. *National Vital Statistics Reports, 58*(17). Hyattsville, MD: National Center for Health Statistics.

[10] Hamilton, B.E., Martin, J.A., and Ventura, S.J. (2010). Births: Preliminary data for 2009. *National Vital Statistics Reports, 59*(3). Hyattsville, MD: National Center for Health Statistics.

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[18] To provide a comprehensive picture of the child care arrangements parents use to care for their preschoolers, this indicator draws on the strengths of two different Federal data sets—the National Household Education Surveys Program (NHES) and the Survey of Income and Program Participation (SIPP). Using NHES (FAM3.B) data, the percentage of children in each type of arrangement is shown, to provide total usage rates. Because some children are cared for by more than one type of provider, the numerator is the number of children in the particular arrangement and the denominator is all children. Using SIPP (FAM3.A) data, the historical trend of the primary child care provider is shown because there is an interest in the care arrangement that is used by employed mothers for the greatest number of hours each week. In this case, the numerator is the number of children of employed mothers who spend the greatest number of hours in the particular arrangement each week and the denominator is all children of employed mothers.

[19] Center-based care includes day care centers, nursery schools, preschools, and Head Start programs. Home-based care or other nonrelative care includes family day care providers, babysitters, nannies, friends, neighbors, and other nonrelatives providing care in either the child's or provider's home. Other relatives include siblings and other relatives. Mother care includes care by the mother while she worked. To see trends in individual child care arrangement types, refer to Laughlin, L. (2010). Who's minding the kids? Child care arrangements: Summer 2005/Summer 2006. *Current Population Reports,* U.S. Census Bureau, Washington, DC, 70–121.

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[23] Adult respondents were asked if the children in the household spoke a language other than English at home and how well they could speak English. Categories used for reporting how well children could speak English were "Very well," "Well," "Not well," and "Not at all." All those who were reported to speak English less than "Very well" were considered to have difficulty speaking English based on an evaluation of the English-speaking ability of a sample of children in the 1980s.

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[36] Official poverty estimates for children are compiled in two ways—estimates for all children for whom poverty status can be determined and estimates for related children. Related children are related to the householder by birth, marriage, or adoption and are not themselves householders, spouses, or reference persons. In 2009, all children included an additional 1.2 million children who were not related to the householder.

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[82] The estimates are based on Homeless Management Information System (HMIS) data submitted by a nationally representative sample of communities, as well as volunteer Continuums of Care nationwide. The volunteer Continuums, unlike sample sites, represent only themselves in the national estimates, meaning that their data are not weighted to represent other communities. Client-level data in HMIS systems enable unduplicated counts across Continuum service providers of persons who used an emergency shelter or transitional housing program during a 12-month reporting period (October–September). Raw counts from each community are adjusted at the local level to account for programs that do not participate in HMIS. In total, the 2009 national estimates are based on data from 334 communities and represent over 570,000 person-records. See U.S. Department of Housing and Urban Development, Office of Community Planning and Development. (2010). *Annual homeless assessment report.* Washington, DC: Author.

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[153] Stepparent adoptions are included in Figures SPECIAL 1.A and 1.C and Table SPECIAL 1.A/C, which are based on the 2008 American Community Survey. They are not included in the remaining figures and tables, which are based on the 2007 National Survey of Adoptive Parents and the 2007 National Survey of Children's Health.

[154] Adults refer to all persons ages 15 and over.

[155] In Figure SPECIAL 1.C, race is categorized without respect to Hispanic ethnicity. Shown are adopted children whose householder/parent is reported to be of a different race group from their adopted child.

Appendices

Appendix A: Detailed Tables

Tables include data from 1950–2010, when available. Due to space limitations in this printed publication, selected years of data are shown where applicable. Full tables, including data from intervening years, are available on the Forum's Web site at http://childstats.gov.

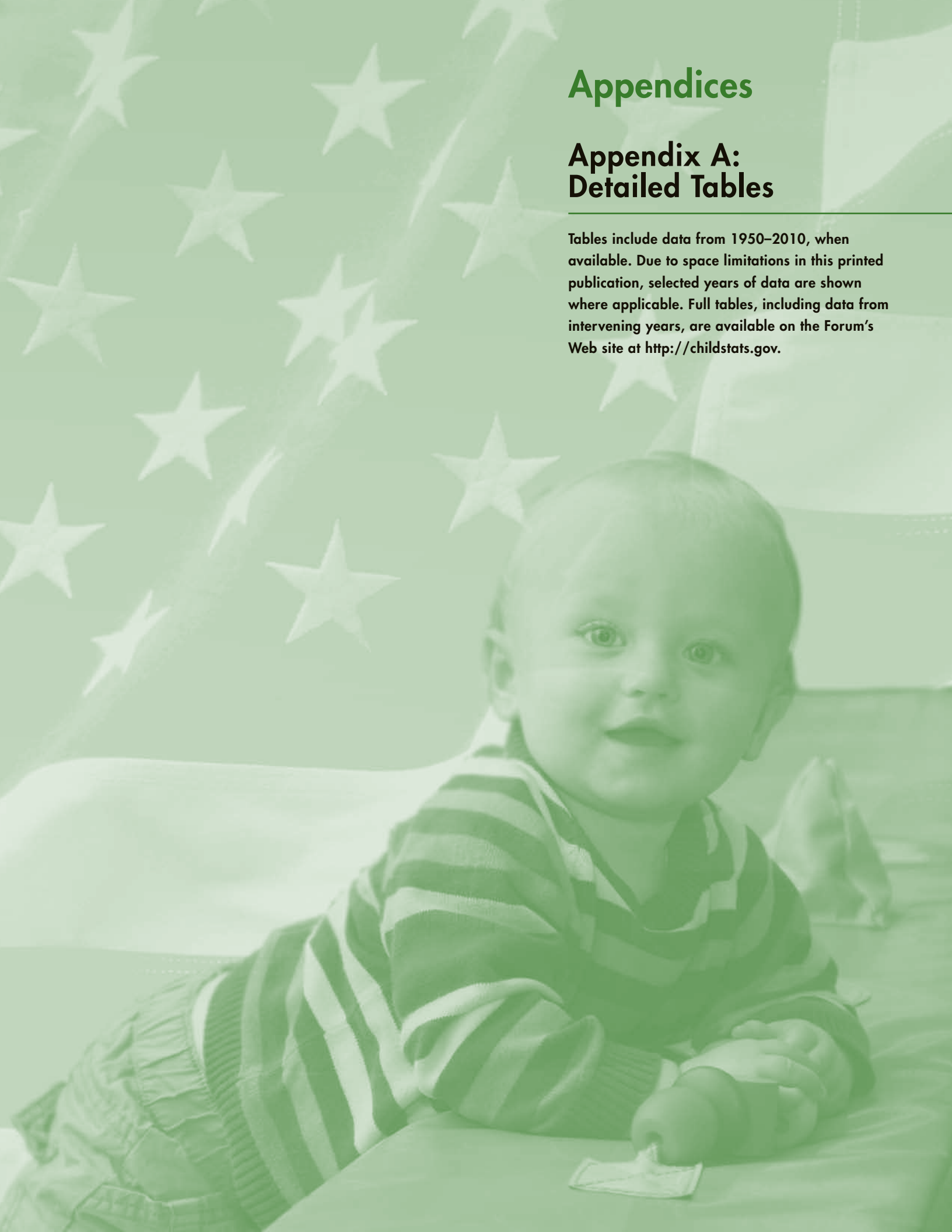

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Table POP1 **Child population: Number of children (in millions) ages 0–17 in the United States by age, selected years 1950–2010 and projected 2030–2050**

	Estimated											Projected	
Number (in millions)	**1950**	**1960**	**1970**	**1980**	**1990**	**2000**	**2006**	**2007**	**2008**	**2009**	**2010**	**2030**	**2050**
All children	47.3	64.5	69.8	63.7	64.2	72.4	74.0	74.3	74.4	74.5	74.2	87.8	101.6
Age													
Ages 0–5	19.1	24.3	20.9	19.6	22.5	23.2	24.7	25.0	25.3	25.5	//	29.0	33.8
Ages 6–11	15.3	21.8	24.6	20.8	21.6	25.0	23.8	23.9	24.1	24.3	//	29.6	34.0
Ages 12–17	12.9	18.4	24.3	23.3	20.1	24.2	25.5	25.4	25.1	24.8	//	29.2	33.8

// Not available at publication time.

NOTE: Population projections are based on the Census 2000 counts.

SOURCE: U.S. Census Bureau, *Current Population Reports,* Estimates of the population of the United States by single years of age, color, and sex: 1900 to 1959 (Series P-25, No. 311); Estimates of the population of the United States, by age, sex, and race: April 1, 1960, to July 1, 1973 (Series P-25, No. 519); Preliminary estimates of the population of the United States by age, sex, and race: 1970 to 1981 (Series P-25, No. 917); and intercensal estimates for 1980–1989 and 1990–1999. The data for 2000 to 2009 are based on the population estimates released for July 1, 2009. Data for 2010 are from the 2010 decennial census. The data for 2030 and 2050 are derived from the national population projections released in August 2008.

Table POP2

Children as a percentage of the population: Persons in selected age groups as a percentage of the total U.S. population, and children ages 0–17 as a percentage of the dependent population, selected years 1950–2010 and projected 2030–2050

	Estimated											Projected	
Age	**1950**	**1960**	**1970**	**1980**	**1990**	**2000**	**2006**	**2007**	**2008**	**2009**	**2010**	**2030**	**2050**
Percentage of total population													
Ages 0–17	31.0	36.0	34.0	28.0	26.0	25.7	24.8	24.7	24.5	24.3	24.0	23.5	23.1
Ages 18–64	61.0	55.0	56.0	61.0	62.0	61.9	62.8	62.8	62.8	62.8	62.9	57.2	56.7
Ages 65 and older	8.0	9.0	10.0	11.0	13.0	12.4	12.5	12.6	12.7	12.9	13.0	19.3	20.2
Children ages 0–17 as a percentage of the dependent population[a]													
Ages 0–17	79.0	79.0	78.0	71.0	67.0	67.4	66.5	66.3	65.7	65.3	64.8	54.9	53.4

[a] The dependent population includes all persons ages 17 and under and all persons 65 and over.

NOTE: Population projections are based on the Census 2000 counts.

SOURCE: U.S. Census Bureau, *Current Population Reports,* Estimates of the population of the United States by single years of age, color, and sex: 1900 to 1959 (Series P-25, No. 311); Estimates of the population of the United States, by age, sex, and race: April 1, 1960, to July 1, 1973 (Series P-25, No. 519); Preliminary estimates of the population of the United States by age, sex, and race: 1970 to 1981 (Series P-25, No. 917); and intercensal estimates for 1980–1989 and 1990–1999. The data for 2000 to 2009 are based on the population estimates released for July 1, 2009. Data for 2010 are from the 2010 decennial census. The data for 2030 and 2050 are derived from the national population projections released in August 2008.

Table POP3 **Racial and ethnic composition: Percentage of children ages 0–17 in the United States by race and Hispanic origin, selected years 1980–2010 and projected 2030–2050**

	Estimated											Projected	
Race and Hispanic origin[a]	**1980**	**1985**	**1990**	**1995**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2030**	**2050**
White[b]	—	—	—	—	76.8	76.2	76.0	75.9	75.7	75.6	//	74.6	73.0
White, non-Hispanic[c]	74	72	69	66	61.2	58.0	57.3	56.6	55.9	55.3	53.5	46.4	38.0
Black	—	—	—	—	15.6	15.3	15.3	15.2	15.2	15.1	14.0	13.7	12.8
Black, non-Hispanic[c]	15	15	15	15	—	—	—	—	—	—	—	—	—
American Indian or Alaskan Native[c]	1	1	1	1	—	—	—	—	—	—	—	—	—
Asian	—	—	—	—	3.6	4.1	4.1	4.2	4.3	4.4	4.3	5.3	6.3
Asian or Pacific Islander[c]	2	3	3	4	—	—	—	—	—	—	—	—	—
All other races[d]	—	—	—	—	4.0	4.4	4.5	4.6	4.7	4.9	5.2	6.4	7.9
Hispanic[e]	9	10	12	14	17.2	20.0	20.6	21.3	21.9	22.5	23.1	31.1	38.8

— Not available.

// Not available at publication time.

[a] For race and Hispanic-origin data in this table: In 1980 and 1990, following the 1977 OMB standards for collecting and presenting data on race, the decennial census asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2000, following the 1997 OMB standards for collecting and presenting data on race, the decennial census asked respondents to choose one or more races from the following: White, Black or African American, Asian, American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander. In addition, a "Some other race" category was included with OMB approval. Those who chose more than one race were classified as "Two or more races." Except for the "All other races" category, all race groups discussed in this table from 2000 onward refer to people who indicated only one racial identity within the racial categories presented. (Those who were "Two or more races" were included in the "All other races" category, along with American Indians or Alaska Natives and Native Hawaiians or Other Pacific Islanders.) People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Data from 2000 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately; Hispanics may be of any race. The Hispanic percentage added to each non-Hispanic race group totals 100 percent.

[b] Due to data collection and processing differences, the 2010 census count of the White population is not directly comparable to population estimates.

[c] Excludes persons in this race group who are of Hispanic origin.

[d] Includes American Indian, Eskimo and Aleut, Native Hawaiian and Other Pacific Islander, and all multiple race ("Two or more races").

[e] Persons of Hispanic origin may be of any race.

SOURCE: These data are available on the Census Bureau website at the Population Estimates or Projections site. The data for 1980 to 1989 are intercensal estimates and incorporate the 1980 and 1990 censuses as benchmarks. The 1990 to 1999 data are also intercensal estimates and incorporate the 1990 and 2000 censuses as benchmarks. The data for 2000 to 2009 are based on the population estimates released for July 1, 2009. The data for 2010 are from the 2010 census. The data for 2030 and 2050 are derived from the national population projections released in August 2008.

Table FAM1.A **Family structure and children's living arrangements: Percentage of children ages 0–17 by presence of parents in household and race and Hispanic origin,[a] selected years 1980–2010**

Race and Hispanic origin and family structure	1980	1985	1990	1995	2000	2005[b]	2006[b]	2007[b]	2008[b]	2009[b]	2010[b]
Total											
Two parents	—	—	—	—	—	—	—	70.7	69.9	69.8	69.4
Two married parents	77	74	73	69	69	67.3	67.4	67.8	66.7	66.8	65.7
Mother only	18	21	22	23	22	23.4	23.3	22.6	22.8	22.8	23.1
Father only	2	2	3	4	4	4.8	4.7	3.2	3.5	3.4	3.4
No parent	4	3	3	4	4	4.5	4.6	3.5	3.8	4.0	4.1
White, non-Hispanic											
Two married parents	—	—	81	78	77	—	—	—	—	—	—
Mother only	—	—	15	16	16	—	—	—	—	—	—
Father only	—	—	3	3	4	—	—	—	—	—	—
No parent	—	—	2	3	3	—	—	—	—	—	—
White-alone, non-Hispanic											
Two parents	—	—	—	—	—	—	—	78.6	77.8	78.1	77.5
Two married parents	—	—	—	—	—	75.9	75.9	76.2	75.4	75.8	75.0
Mother only	—	—	—	—	—	16.4	16.0	15.3	15.5	15.3	15.5
Father only	—	—	—	—	—	4.8	4.8	3.6	4.1	3.8	3.8
No parent	—	—	—	—	—	2.9	3.2	2.5	2.6	2.8	3.1
Black											
Two married parents	42	39	38	33	38	—	—	—	—	—	—
Mother only	44	51	51	52	49	—	—	—	—	—	—
Father only	2	3	4	4	4	—	—	—	—	—	—
No parent	12	7	8	11	9	—	—	—	—	—	—
Black-alone											
Two parents	—	—	—	—	—	—	—	39.8	37.5	38.7	39.7
Two married parents	—	—	—	—	—	35.0	34.6	36.8	34.5	35.4	35.1
Mother only	—	—	—	—	—	50.2	51.2	49.8	51.1	49.8	49.3
Father only	—	—	—	—	—	5.0	4.8	3.5	3.3	3.3	3.6
No parent	—	—	—	—	—	9.8	9.4	6.8	8.1	8.2	7.4
Hispanic											
Two parents	—	—	—	—	—	—	—	69.8	69.7	68.7	67.0
Two married parents	75	68	67	63	65	64.7	65.9	65.5	64.2	63.7	60.9
Mother only	20	27	27	28	25	25.4	25.0	24.5	24.1	24.9	26.3
Father only	2	2	3	4	4	4.8	4.1	2.1	2.4	2.5	2.7
No parent	3	3	3	4	5	5.1	5.0	3.6	3.9	3.9	4.0

— Not available.

[a] For race and Hispanic-origin data in this table: From 1980 to 2002, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the Current Population Survey (CPS) asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2003, following the 1997 OMB standards for collecting and presenting data on race, the CPS asked respondents to choose one or more races from the following: White, Black, Asian, American Indian or Alaska Native, and Native Hawaiian or Other Pacific Islander. All race groups discussed in this table from 2003 onward refer to people who indicated only one racial identity within the racial categories presented. People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[b] Beginning with March 2001, data are from the expanded CPS sample and use population controls based on Census 2000.

NOTE: Data for 2010 exclude the nearly 290,000 household residents under age 18 who were listed as family reference persons or spouses. Prior to 2007, CPS data identified only one parent on the child's record. This meant that a second parent could only be identified if they were married to the first parent. In 2007, a second parent identifier was added to the CPS. This permits identification of two coresident parents, even if the parents are not married to each other. In this table, "two parents" reflects all children who have both a mother and father identified in the household, including biological, step, and adoptive parents. Before 2007, "mother only" and "father only" included some children who lived with two unmarried parents. Beginning in 2007, "mother only" and "father only" refer to children for whom only one parent in the household has been identified, whether biological, step, or adoptive.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements. U.S. Census Bureau, Families and Living Arrangements reports and detailed tables (from 1994) are available on the U.S. Census Bureau Web site at http://www.census.gov/population/www/socdemo/hh-fam.html.

Table FAM1.B **Family structure and children's living arrangements: Detailed living arrangements of children by gender, race and Hispanic origin, age, parent's education, and poverty status, 2010**

		Two parents[a]			
		Two biological/adoptive parents		Biological/adoptive parent and stepparent	
Characteristic	Total	Married	Cohabiting	Married	Cohabiting
Total (in thousands)	74,718	45,056	2,350	4,050	367
Percent of total	100.0	60.3	3.1	5.4	0.5
Percent by number of parents	100.0	86.9	4.5	7.8	0.7
Gender					
Male	51.1	51.2	51.6	50.1	53.1
Female	48.9	48.8	48.4	49.9	46.9
Race and Hispanic origin[b]					
White	77.9	84.1	74.4	83.0	80.7
White, non-Hispanic	55.0	62.8	35.5	62.5	51.8
Black	15.4	7.8	19.7	13.5	15.8
Black, non-Hispanic	14.2	6.9	17.1	12.4	13.6
Asian	1.1	0.7	3.0	1.0	1.1
All other races[b]	5.6	7.5	2.9	2.5	2.7
Hispanic (of any race)	22.7	21.2	39.0	19.2	28.3
Age					
Ages 0–5	34.1	36.6	70.4	9.0	20.4
Ages 6–14	48.9	48.3	24.7	59.4	61.0
Ages 15–17	16.9	15.1	4.9	31.6	18.5
Father's education					
Father not present	27.2	—	—	—	—
Less than high school	9.7	12.6	27.6	13.3	18.8
High school graduate	20.8	26.5	43.6	35.6	37.1
Some college	18.1	23.9	22.4	32.1	34.3
Bachelor's degree or more	24.1	36.9	6.3	18.9	9.8
Mother's education					
Mother not present	7.5	—	—	—	—
Less than high school	13.1	11.7	24.1	12.4	23.4
High school graduate	24.1	22.4	36.6	30.7	34.6
Some college	27.5	27.5	29.7	35.9	31.9
Bachelor's degree or more	27.9	38.4	9.6	20.9	10.4
Poverty status					
Below 100% poverty	21.1	10.7	48.0	12.7	31.9
100–199% poverty	21.4	18.2	24.7	23.2	31.3
200% poverty and above	57.5	71.1	27.2	64.1	37.1

See notes at end of table.

Table FAM1.B (cont.) **Family structure and children's living arrangements: Detailed living arrangements of children by gender, race and Hispanic origin, age, parent's education, and poverty status, 2010**

	One parent			
	Mother		Father	
Characteristic	Not cohabiting	Cohabiting	Not cohabiting	Cohabiting
Total (in thousands)	15,505	1,780	2,065	507
Percent of total	20.8	2.4	2.8	0.7
Percent by number of parents	78.1	9.0	10.4	2.6
Gender				
Male	50.2	49.4	57.1	53.6
Female	49.8	50.6	42.8	46.5
Race and Hispanic origin[b]				
White	61.7	75.8	77.2	84.0
White, non-Hispanic	35.0	53.9	59.0	66.3
Black	34.4	19.4	16.9	12.6
Black, non-Hispanic	32.1	18.3	15.9	11.6
Asian	1.3	2.0	1.7	1.2
All other races[b]	2.7	2.8	4.1	2.2
Hispanic (of any race)	26.4	20.7	18.3	17.0
Age				
Ages 0–5	32.5	27.2	21.1	33.7
Ages 6–14	49.4	58.0	55.1	48.7
Ages 15–17	18.1	14.8	23.8	17.6
Father's education				
Father not present	100.0	100.0	—	—
Less than high school	—	—	12.6	17.2
High school graduate	—	—	37.8	43.0
Some college	—	—	30.8	30.4
Bachelor's degree or more	—	—	18.8	9.5
Mother's education				
Mother not present	—	—	100.0	100.0
Less than high school	19.0	20.8	—	—
High school graduate	32.6	33.4	—	—
Some college	34.0	33.5	—	—
Bachelor's degree or more	14.3	12.2	—	—
Poverty status				
Below 100% poverty	41.7	49.8	19.7	29.4
100–199% poverty	27.8	24.6	25.5	32.3
200% poverty and above	30.4	25.6	54.8	38.5

See notes at end of table.

Table FAM1.B (cont.)

Family structure and children's living arrangements: Detailed living arrangements of children by gender, race and Hispanic origin, age, parent's education, and poverty status, 2010

Characteristic	No parents				
	Grandparent	Other relatives only—no grandparent	Nonrelative only—not foster	Foster parent(s)	All other[c]
Total (in thousands)	1,655	650	395	200	138
Percent of total	2.2	0.9	0.5	0.3	0.2
Percent by number of parents	54.5	21.4	13.0	6.6	4.5
Gender					
Male	49.1	56.2	49.9	51.5	49.3
Female	50.9	43.8	50.1	48.0	50.7
Race and Hispanic origin[b]					
White	63.8	56.6	80.8	74.0	73.2
White, non-Hispanic	41.8	30.2	58.7	51.0	51.4
Black	31.7	32.9	12.9	21.5	14.5
Black, non-Hispanic	30.7	30.9	11.1	21.5	14.5
Asian	2.6	6.2	2.3	3.0	4.3
All other races[b]	1.9	4.2	4.1	1.5	8.7
Hispanic (of any race)	19.9	29.5	21.5	20.5	21.0
Age					
Ages 0–5	27.3	22.2	20.8	38.5	38.4
Ages 6–14	53.4	47.5	43.0	41.5	39.1
Ages 15–17	19.2	30.3	36.2	19.5	23.2
Father's education					
Father not present	100.0	100.0	100.0	100.0	100.0
Less than high school	—	—	—	—	—
High school graduate	—	—	—	—	—
Some college	—	—	—	—	—
Bachelor's degree or more	—	—	—	—	—
Mother's education					
Mother not present	100.0	100.0	100.0	100.0	100.0
Less than high school	—	—	—	—	—
High school graduate	—	—	—	—	—
Some college	—	—	—	—	—
Bachelor's degree or more	—	—	—	—	—
Poverty status					
Below 100% poverty	27.8	28.2	98.7	100.0	42.0
100–199% poverty	28.3	29.5	1.0	—	31.9
200% poverty and above	43.9	42.3	0.5	—	26.1

— Not available.

[a] This category also includes children living with two stepparents.

[b] For race and Hispanic-origin data in this table: Following the 1997 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the Survey of Income and Program Participation (SIPP) asked respondents to choose one or more races from the following: White, Black or African American, Asian, American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander. The Census Bureau also offered an "Other" category. Those who chose more than one race were classified as "Two or more races." Except for the "All other races" category, all race groups discussed in this table refer to people who indicated only one racial identity within the racial categories presented. (Those who were "Two or more races" were included in the "All other races" category, along with American Indians or Alaska Natives, Native Hawaiians or Other Pacific Islanders, and those who chose "Other.") People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[c] The category "All other" includes children who live with both relatives (other than grandparents) and nonrelatives.

NOTE: Data exclude the nearly 290,000 household residents under age 18 who were listed as family reference persons or spouses. "Cohabiting" means the parent is cohabiting with an unmarried partner. Relatives are anyone who is reported as related to the householder by blood, marriage, or adoption.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement.

Table FAM2.A **Births to unmarried women: Birth rates for unmarried women by age of mother, selected years 1980–2009**

(Live births to unmarried women per 1,000 in specified age group)

Age of mother	1980	1985	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Total ages 15–44	29.4	32.8	43.8	44.3	44.1	44.9	46.1	47.5	50.6	52.3	52.5	50.6
Age												
Ages 15–17	20.6	22.4	29.6	30.1	23.9	20.3	20.1	19.7	20.4	20.8	20.6	//
Ages 18–19	39.0	45.9	60.7	66.5	62.2	57.6	57.7	58.4	61.8	63.9	61.9	//
Ages 20–24	40.9	46.5	65.1	68.7	72.2	71.2	72.5	74.9	79.5	80.6	79.2	//
Ages 25–29	34.0	39.9	56.0	54.3	58.5	65.7	68.6	71.1	74.9	76.9	76.1	//
Ages 30–34	21.1	25.2	37.6	38.9	39.3	44.0	47.0	50.0	54.8	57.9	59.0	//
Ages 35–39	9.7	11.6	17.3	19.3	19.7	22.3	23.5	24.5	26.8	28.7	30.4	//
Ages 40–44	2.6	2.5	3.6	4.7	5.0	5.8	6.0	6.2	6.5	6.8	7.5	//

// Not available at publication time.

NOTE: The 2009 rate for total ages 15–44 is preliminary. 2009 data for specific age groups are not yet available. The birth rate for all ages, 15–44, for 2007 has been revised since previous publication in *America's Children.* Births to unmarried women were somewhat underreported in Michigan and Texas during the years 1989–1993; data since 1994 have been reported on a complete basis.

SOURCE: National Center for Health Statistics, National Vital Statistics System. Hamilton, B.E., Martin, J.A., and Ventura, S.J. (2010). Births: Preliminary data for 2009. *National Vital Statistics Reports, 59*(3). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Mathews, T.J., and Osterman, M.J.K. (2010). Births: Final data for 2008. *National Vital Statistics Reports, 59*(1). Hyattsville, MD: National Center for Health Statistics. Hamilton, B.E., Sutton, P.D., and Ventura, S.J. (2003). Revised birth and fertility rates for the 1990s: United States, and new rates for Hispanic populations, 2000 and 2001. *National Vital Statistics Reports, 51*(12). Hyattsville, MD: National Center for Health Statistics. Ventura, S.J., and Bachrach, C.A. (2000). Nonmarital childbearing in the United States, 1940–99. *National Vital Statistics Reports, 48*(16). Hyattsville, MD: National Center for Health Statistics.

Table FAM2.B **Births to unmarried women: Percentage of all births that are to unmarried women by age of mother, selected years 1980–2009**

Age of mother	1980	1985	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
All ages	18.4	22.0	28.0	32.2	33.2	34.6	35.8	36.9	38.5	39.7	40.6	41.0
Age												
Under age 15	88.7	91.8	91.6	93.5	96.5	97.1	97.4	98.0	98.3	98.8	99.1	99.0
Ages 15–17	61.5	70.9	77.7	83.7	87.7	89.7	90.3	90.9	91.9	92.8	93.7	94.2
Ages 18–19	39.8	50.7	61.3	69.8	74.3	77.3	78.7	79.7	80.6	82.2	83.5	84.2
Ages 20–24	19.3	26.3	36.9	44.7	49.5	53.2	54.7	56.2	57.9	59.6	60.9	62.1
Ages 25–29	9.0	12.7	18.0	21.5	23.5	26.4	27.8	29.3	31.0	32.2	33.2	33.8
Ages 30–34	7.4	9.7	13.3	14.7	14.0	15.1	16.1	17.0	18.3	19.3	20.2	20.7
Ages 35–39	9.4	11.2	13.9	15.7	14.3	14.8	15.2	15.7	16.4	17.3	18.2	19.0
Ages 40 and older	12.1	14.0	17.0	18.1	16.8	17.9	18.2	18.8	19.4	20.0	20.8	21.4

NOTE: Data for 2009 are preliminary.

SOURCE: National Center for Health Statistics, National Vital Statistics System. Ventura, S.J., and Bachrach, C.A. (2000). Nonmarital childbearing in the United States, 1940–99. *National Vital Statistics Reports, 48*(16). Martin, J.A., Hamilton, B.E., Ventura, S.J., Menacker, F., and Park, M.M. (2002). Births: Final data for 2000. *National Vital Statistics Reports, 50*(5). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Ventura, S.J., Menaker, F., Park, M.M., and Sutton, P.D. (2002). Births: Final data for 2001. *National Vital Statistics Reports, 51*(2). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Menacker, F., and Munson, M.L. (2003). Births: Final data for 2002. *National Vital Statistics Reports, 52*(10). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Menacker, F., and Munson, M.L. (2005). Births: Final Data for 2003. *National Vital Statistics Reports 54*(2). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Menacker, F., and Kirmeyer, S. (2006). Births: Final data for 2004. *National Vital Statistics Reports 55*(1). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Menacker, F., Kirmeyer, S., and Munson, M.L. (2007). Births: Final data for 2005. *National Vital Statistics Reports 56*(6). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Menacker, F., Kirmeyer, S., and Mathews, T.J. (2009). Births: Final data for 2006. *National Vital Statistics Reports 57*(7). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Mathews, T.J., Kirmeyer, S., and Osterman, M.J.K. (2010). Births: Final Data for 2007. *National Vital Statistics Reports 58*(24). Hyattsville, MD: National Center for Health Statistics. Hamilton, B.E., Martin, J.A., and Ventura, S.J. (2010). Births: Preliminary data for 2009. *National Vital Statistics Reports, 59*(3) Hyattsville, MD: National Center for Health Statistics.

Table FAM3.A **Child care: Primary child care arrangements for children ages 0–4 with employed mothers by selected characteristics, selected years 1985–2010**

Type of child care (during mother's work hours)	1985	1988	1990	1991	1993	1995	1997	1999	2002	2005	2010
Percent											
Total											
Mother care[a]	8.1	7.6	6.4	8.7	6.2	5.4	3.2	3.0	3.2	4.4	4.4
Father care[a]	15.7	15.1	16.5	20.0	15.9	16.6	17.7	17.1	17.5	17.3	18.6
Grandparent care	15.9	13.9	14.3	15.8	17.0	15.9	17.5	19.7	18.6	19.6	19.4
Other relative care[b]	8.2	7.2	8.8	7.7	9.0	5.5	7.4	8.0	6.2	6.6	5.8
Center-based care[c]	23.1	25.8	27.5	23.1	29.9	25.1	20.4	21.0	24.3	23.8	23.7
Other nonrelative care[d]	28.2	28.9	25.1	23.3	21.6	28.4	20.2	18.8	17.2	16.0	13.5
Other[e]	0.8	1.6	1.3	1.6	1.1	2.9	13.7	12.4	13.0	12.0	14.1
Poverty status											
Below 100% poverty											
Mother care[a]	—	11.3	—	9.5	8.1	4.5	3.9	2.9	4.1	7.8	3.9
Father care[a]	—	15.0	—	26.7	16.2	20.1	18.7	14.5	19.9	19.8	16.2
Grandparent care	—	19.4	—	16.3	20.0	22.4	20.7	23.8	19.7	19.8	23.3
Other relative care[b]	—	11.3	—	11.4	15.8	7.0	12.3	13.5	10.0	8.8	9.2
Center-based care[c]	—	21.6	—	21.1	21.0	25.8	14.9	18.3	15.9	18.2	15.4
Other nonrelative care[d]	—	21.1	—	15.1	18.8	16.5	14.7	18.0	12.6	11.8	12.1
Other[e]	—	0.8	—	2.7	1.2	3.5	14.6	8.8	17.6	13.7	18.9
100% poverty and above											
Mother care[a]	—	7.3	—	8.5	5.9	5.5	3.1	2.9	3.1	3.8	4.5
Father care[a]	—	15.1	—	19.4	16.0	16.4	17.7	17.6	17.3	17.1	19.0
Grandparent care	—	13.4	—	15.6	16.0	15.1	17.2	19.3	18.7	19.7	18.7
Other relative care[b]	—	6.8	—	7.3	8.0	5.3	6.8	7.3	5.7	6.2	5.2
Center-based care[c]	—	27.8	—	25.1	32.3	24.8	21.2	21.1	25.1	24.8	25.6
Other nonrelative care[d]	—	29.6	—	24.2	21.8	29.9	20.9	19.4	18.4	16.7	13.9
Other[e]	—	1.6	—	1.5	1.1	2.8	12.9	12.2	11.7	11.4	12.7
Region[f]											
Northeast											
Mother care[a]	—	—	—	—	—	5.3	2.7	2.3	2.9	3.5	2.0
Father care[a]	—	—	—	—	—	22.4	19.0	21.5	21.4	19.3	18.1
Grandparent care	—	—	—	—	—	12.9	19.2	18.7	18.8	20.6	18.0
Other relative care[b]	—	—	—	—	—	8.0	9.9	7.3	4.4	5.0	4.1
Center-based care[c]	—	—	—	—	—	24.4	15.9	18.4	24.5	23.2	24.1
Other nonrelative care[d]	—	—	—	—	—	23.9	19.9	17.9	14.7	15.9	16.2
Other[e]	—	—	—	—	—	3.0	13.2	13.7	13.1	12.3	17.0
South											
Mother care[a]	—	—	—	—	—	4.3	3.0	3.3	2.1	4.2	2.8
Father care[a]	—	—	—	—	—	9.3	13.9	12.9	13.4	14.1	14.5
Grandparent care	—	—	—	—	—	17.1	18.1	21.8	20.9	20.9	22.3
Other relative care[b]	—	—	—	—	—	5.3	5.7	7.6	7.8	6.5	5.1
Center-based care[c]	—	—	—	—	—	30.7	27.7	26.8	28.0	28.0	28.3
Other nonrelative care[d]	—	—	—	—	—	30.0	18.2	18.1	15.9	13.0	10.6
Other[e]	—	—	—	—	—	3.1	13.4	9.3	11.8	13.1	16.2
Midwest											
Mother care[a]	—	—	—	—	—	6.3	3.3	2.0	3.5	5.4	5.6
Father care[a]	—	—	—	—	—	19.1	22.2	20.3	21.6	18.7	22.3
Grandparent care	—	—	—	—	—	15.4	15.6	16.3	15.9	17.1	17.3
Other relative care[b]	—	—	—	—	—	5.0	8.0	6.6	3.6	6.5	6.1
Center-based care[c]	—	—	—	—	—	21.1	16.8	19.9	20.7	21.7	22.0
Other nonrelative care[d]	—	—	—	—	—	30.9	22.2	24.0	22.6	19.4	15.8
Other[e]	—	—	—	—	—	2.0	11.7	10.9	11.9	11.0	10.2

See notes at end of table.

Table FAM3.A (cont.) **Child care: Primary child care arrangements for children ages 0–4 with employed mothers by selected characteristics, selected years 1985–2010**

Type of child care (during mother's work hours)	1985	1988	1990	1991	1993	1995	1997	1999	2002	2005	2010
Region[f]—continued											
West											
Mother care[a]	—	—	—	—	—	5.6	3.8	3.9	4.9	4.3	7.3
Father care[a]	—	—	—	—	—	18.5	17.9	17.0	17.8	19.9	21.8
Grandparent care	—	—	—	—	—	17.5	17.9	21.4	18.3	19.5	17.7
Other relative care[b]	—	—	—	—	—	4.1	7.6	10.5	8.1	8.1	8.0
Center-based care[c]	—	—	—	—	—	23.1	17.4	15.5	19.9	19.7	18.0
Other nonrelative care[d]	—	—	—	—	—	27.2	20.7	16.7	17.1	17.5	13.6
Other[e]	—	—	—	—	—	3.8	14.6	14.8	14.0	10.9	12.8
Race and Hispanic origin of mother[g]											
White											
Mother care[a]	—	—	—	—	—	5.8	3.7	3.2	3.5	4.8	4.2
Father care[a]	—	—	—	—	—	17.8	18.7	18.1	18.4	18.4	19.0
Grandparent care	—	—	—	—	—	15.5	16.5	17.7	17.9	19.2	19.4
Other relative care[b]	—	—	—	—	—	4.5	6.5	7.6	4.9	5.5	5.6
Center-based care[c]	—	—	—	—	—	24.3	19.8	20.1	23.2	22.4	23.2
Other nonrelative care[d]	—	—	—	—	—	29.0	21.2	20.9	18.4	17.1	14.2
Other[e]	—	—	—	—	—	2.9	13.6	12.1	13.5	12.4	13.9
White, non-Hispanic											
Mother care[a]	—	—	—	—	—	6.1	4.0	3.2	3.7	4.9	4.3
Father care[a]	—	—	—	—	—	17.6	18.9	18.1	19.1	19.3	18.9
Grandparent care	—	—	—	—	—	15.4	15.3	17.0	16.5	17.5	17.8
Other relative care[b]	—	—	—	—	—	4.0	5.7	6.2	3.6	3.8	4.0
Center-based care[c]	—	—	—	—	—	24.8	21.0	22.2	24.3	24.5	24.9
Other nonrelative care[d]	—	—	—	—	—	29.4	21.1	21.3	19.6	17.7	15.3
Other[e]	—	—	—	—	—	2.7	13.9	12.0	13.3	12.0	14.4
Black											
Mother care[a]	—	—	—	—	—	2.1	0.7	1.8	1.2	3.1	4.1
Father care[a]	—	—	—	—	—	8.8	11.9	12.9	13.5	12.3	14.3
Grandparent care	—	—	—	—	—	16.0	23.7	25.1	21.6	19.5	20.3
Other relative care[b]	—	—	—	—	—	9.9	13.2	10.6	12.6	10.9	8.1
Center-based care[c]	—	—	—	—	—	32.5	25.8	27.0	27.4	29.6	26.5
Other nonrelative care[d]	—	—	—	—	—	28.3	14.3	13.1	14.3	13.3	11.2
Other[e]	—	—	—	—	—	2.3	10.2	9.4	9.2	11.1	15.0
Black, non-Hispanic											
Mother care[a]	—	—	—	—	—	2.2	0.8	1.9	1.2	3.3	3.9
Father care[a]	—	—	—	—	—	8.9	11.7	12.4	13.2	11.9	13.9
Grandparent care	—	—	—	—	—	15.7	23.9	24.4	22.9	19.5	21.5
Other relative care[b]	—	—	—	—	—	10.1	13.0	10.9	12.0	11.3	8.4
Center-based care[c]	—	—	—	—	—	33.2	26.4	27.5	27.0	29.5	27.2
Other nonrelative care[d]	—	—	—	—	—	27.9	13.9	13.5	13.7	13.2	9.6
Other[e]	—	—	—	—	—	1.9	10.3	9.3	9.9	11.2	15.2
Hispanic											
Mother care[a]	—	—	—	—	—	3.6	1.3	2.6	2.7	3.4	3.4
Father care[a]	—	—	—	—	—	19.0	17.5	18.6	15.1	14.7	19.7
Grandparent care	—	—	—	—	—	17.0	23.2	21.9	23.9	27.0	25.9
Other relative care[b]	—	—	—	—	—	8.7	12.6	14.0	12.0	12.8	11.7
Center-based care[c]	—	—	—	—	—	20.8	12.4	10.9	19.8	14.2	15.2
Other nonrelative care[d]	—	—	—	—	—	25.0	21.7	18.2	13.9	14.2	11.5
Other[e]	—	—	—	—	—	5.8	11.4	13.6	12.6	13.7	11.7

See notes at end of table.

Table FAM3.A (cont.) **Child care: Primary child care arrangements for children ages 0–4 with employed mothers by selected characteristics, selected years 1985–2010**

Type of child care (during mother's work hours)	1985	1988	1990	1991	1993	1995	1997	1999	2002	2005	2010
Educational attainment of mother											
Less than high school											
Mother care[a]	—	—	—	—	—	6.3	3.6	1.7	4.1	5.4	2.1
Father care[a]	—	—	—	—	—	18.2	17.5	14.4	19.2	22.3	24.3
Grandparent care	—	—	—	—	—	21.2	18.4	23.4	15.5	16.7	17.8
Other relative care[b]	—	—	—	—	—	10.8	15.2	20.7	12.0	15.4	15.8
Center-based care[c]	—	—	—	—	—	16.9	12.7	16.3	17.5	12.0	8.0
Other nonrelative care[d]	—	—	—	—	—	20.8	17.3	13.5	17.4	11.7	13.9
Other[e]	—	—	—	—	—	4.8	15.2	9.9	14.2	16.2	17.0
High school diploma or equivalent											
Mother care[a]	—	—	—	—	—	5.6	2.1	3.5	2.5	4.1	3.7
Father care[a]	—	—	—	—	—	16.6	19.0	20.3	19.7	16.6	21.3
Grandparent care	—	—	—	—	—	20.5	20.3	23.5	23.2	25.7	22.7
Other relative care[b]	—	—	—	—	—	5.4	7.8	7.9	6.0	9.4	7.7
Center-based care[c]	—	—	—	—	—	25.7	18.1	18.8	20.0	18.4	18.2
Other nonrelative care[d]	—	—	—	—	—	23.2	19.0	14.2	14.5	13.0	11.7
Other[e]	—	—	—	—	—	2.6	13.6	11.7	13.9	12.7	14.1
Some college, including vocational/technical/ associate's degree											
Mother care[a]	—	—	—	—	—	4.9	3.5	1.9	3.2	4.3	6.1
Father care[a]	—	—	—	—	—	18.4	19.3	16.7	19.3	17.7	19.4
Grandparent care	—	—	—	—	—	14.2	18.5	20.1	20.8	21.9	21.6
Other relative care[b]	—	—	—	—	—	5.8	7.1	7.4	7.5	6.6	5.1
Center-based care[c]	—	—	—	—	—	25.6	22.1	18.6	23.2	23.8	22.4
Other nonrelative care[d]	—	—	—	—	—	27.7	16.6	21.1	15.3	15.5	10.0
Other[e]	—	—	—	—	—	3.1	12.8	14.1	10.6	10.1	14.8
Bachelor's degree or higher											
Mother care[a]	—	—	—	—	—	5.2	3.7	4.0	3.5	4.6	3.5
Father care[a]	—	—	—	—	—	14.4	14.9	15.7	13.7	16.6	15.6
Grandparent care	—	—	—	—	—	11.4	13.5	14.4	13.9	13.1	15.5
Other relative care[b]	—	—	—	—	—	3.4	5.0	4.0	3.4	2.7	4.0
Center-based care[c]	—	—	—	—	—	26.0	23.5	27.5	29.9	30.5	30.3
Other nonrelative care[d]	—	—	—	—	—	36.9	26.6	24.4	22.6	19.9	17.7
Other[e]	—	—	—	—	—	2.3	12.6	9.9	13.0	12.7	12.9

See notes at end of table.

Table FAM3.A (cont.) **Child care: Primary child care arrangements for children ages 0–4 with employed mothers by selected characteristics, selected years 1985–2010**

Type of child care (during mother's work hours)	1985	1988	1990	1991	1993	1995	1997	1999	2002	2005	2010
Family structure											
Two married parents											
Mother care[a]	—	—	—	—	—	6.2	3.7	3.4	3.5	4.9	5.1
Father care[a]	—	—	—	—	—	18.7	20.6	19.9	20.6	19.5	20.9
Grandparent care	—	—	—	—	—	14.4	14.7	16.4	17.3	17.6	16.5
Other relative care[b]	—	—	—	—	—	4.8	6.0	6.4	4.7	4.8	4.1
Center-based care[c]	—	—	—	—	—	23.0	19.6	20.7	22.7	24.0	24.0
Other nonrelative care[d]	—	—	—	—	—	29.4	20.9	19.7	17.2	16.3	13.7
Other[e]	—	—	—	—	—	3.1	14.4	13.4	13.8	12.7	15.1
Mother only											
Mother care[a]	—	—	—	—	—	2.8	1.5	1.9	2.5	3.0	2.5
Father care[a]	—	—	—	—	—	10.4	9.1	10.1	9.8	12.1	13.3
Grandparent care	—	—	—	—	—	20.5	26.6	29.1	22.7	24.5	26.0
Other relative care[b]	—	—	—	—	—	7.2	12.3	12.2	10.2	11.0	10.1
Center-based care[c]	—	—	—	—	—	30.3	23.1	21.5	27.0	23.4	23.0
Other nonrelative care[d]	—	—	—	—	—	26.1	17.7	17.6	18.4	15.6	13.0
Other[e]	—	—	—	—	—	2.4	9.5	7.4	9.2	10.2	11.5

— Not available.

[a] Mother and father care each refer to care while the mother worked.

[b] Other relatives include siblings and other relatives.

[c] Center-based care includes day care centers, nursery schools, preschools, and Head Start programs.

[d] Other nonrelative care includes family day care providers, in-home babysitters, and other nonrelatives providing care in either the child's or provider's home.

[e] Other for 1985–1993 includes children in kindergarten or grade school, in a school-based activity, or in self-care. In 1995, it also includes children with no regular arrangement. Beginning in 1997, Other includes children in kindergarten or grade school, self-care, and with no regular arrangement, but does not include school-based activities, as they were deleted as categorical choices for preschoolers.

[f] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

[g] For race and Hispanic-origin data in this table: From 1995 to 2002, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the Survey of Income and Program Participation (SIPP) asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2004, following the 1997 OMB standards for collecting and presenting data on race, the SIPP asked respondents to choose one or more races from the following: White, Black or African American, Asian, American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander. The Census Bureau also offered an "Other" category. All race groups discussed in this table from 2004 onward refer to people who indicated only one racial identity within the racial categories presented. People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Data from 2004 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

NOTE: Employed mothers are those with wage and salary employment or other employment arrangements, including contingent work and self-employment. Data for years 1995 to 2010 were proportionately redistributed to account for tied responses for the primary arrangement so that they total to 100 percent and are comparable to earlier years.

SOURCE: U.S. Census Bureau, Survey of Income and Program Participation.

Table FAM3.B **Child care: Percentage of children ages 3–6, not yet in kindergarten, in center-based care arrangements by child and family characteristics, selected years 1995–2007**

Characteristic	1995	2001	2005	2007
Total	55.0	56.3	57.1	55.3
Race and Hispanic origin[a]				
White, non-Hispanic	56.9	58.9	59.0	58.4
Black, non-Hispanic	59.5	63.0	66.5	65.2
Asian	58.6	61.9	70.4	63.9
Hispanic	37.2	39.8	43.5	38.9
Poverty status				
Below 100% poverty	45.6	46.6	47.2	40.6
100–199% poverty	43.2	48.7	46.5	45.1
200% poverty and above	65.8	64.0	66.2	65.3
Family type				
Two parents[b]	54.8	56.5	56.9	55.2
Two parents, married	—	57.3	58.3	56.8
Two parents, unmarried	—	46.4	42.8	37.7
One parent	56.0	55.8	57.7	55.0
No parents	50.5	55.9	59.6	57.2
Mother's highest level of education[c]				
Less than high school	34.8	38.0	34.9	28.7
High school diploma or equivalent	47.6	47.3	48.6	43.1
Some college, including vocational/technical/associate's degree	56.8	61.4	56.2	54.4
Bachelor's degree or higher	74.5	70.0	72.9	71.3
Mother's employment status[c]				
35 hours or more per week	60.2	62.9	63.7	65.5
Less than 35 hours per week	62.1	61.4	60.8	61.6
Looking for work	51.8	46.2	42.0	37.8
Not in the labor force	46.5	46.9	50.2	43.9
Region[d]				
Northeast	56.3	63.8	67.0	66.3
South	58.4	59.1	56.4	55.0
Midwest	53.8	55.5	54.4	55.8
West	49.9	47.4	54.2	47.6

— Not available.

[a] In 1995 and 2001, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. For data from 2005 and 2007, the revised 1997 OMB standards were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native and respondents with "Two or more races." For continuity purposes, in 2005 and 2007, respondents who reported the child being Asian or Native Hawaiian or Other Pacific Islander were combined. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[b] Refers to adults' relationship to child and does not indicate marital status.

[c] Children without a mother in the home are excluded from estimates of mother's highest level of education and mother's employment status.

[d] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

NOTE: Center-based programs include day care centers, prekindergartens, nursery schools, Head Start programs, and other early childhood education programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Surveys Program.

Table FAM3.C **Child care: Child care arrangements of grade school children ages 5–14 with employed mothers, selected years 1995–2010**

Type of child care (during mother's work hours)	1995	1997	1999	2002	2005	2010
Ages 5 to 8						
Mother care[a]	6.4	5.5	4.8	3.8	6.4	7.3
Father care[a]	27.5	30.0	28.5	22.0	25.4	29.5
Grandparent care	20.2	24.0	25.5	20.3	20.7	21.6
Other relative care	6.9	10.4	9.2	7.7	6.8	7.8
Center-based care[b]	8.7	16.6	15.2	14.0	14.0	12.4
Enrichment activities[c]	25.8	15.8	18.6	15.6	16.2	14.4
Other nonrelative care[d]	26.3	20.7	20.0	14.2	11.2	11.0
Self care	4.8	4.3	3.1	2.8	2.2	2.2
Ages 9 to 11						
Mother care[a]	5.9	5.3	4.5	4.2	5.7	6.0
Father care[a]	25.9	26.9	25.6	19.9	22.2	25.1
Grandparent care	17.2	19.9	19.7	16.1	15.2	17.9
Other relative care	6.5	7.9	6.3	5.8	6.5	6.3
Center-based care[b]	—	5.4	5.9	4.4	6.2	3.4
Enrichment activities[c]	38.6	25.3	25.1	21.6	18.3	20.9
Other nonrelative care[d]	15.8	15.9	14.8	9.9	8.7	8.2
Self care	17.0	21.1	15.8	15.1	11.2	10.5
Ages 12 to 14						
Mother care[a]	3.7	3.6	3.9	3.6	4.2	4.9
Father care[a]	20.1	20.5	20.6	16.2	17.0	20.2
Grandparent care	8.0	12.6	11.6	9.7	8.9	9.8
Other relative care	3.4	4.9	4.1	3.5	3.5	4.0
Center-based care[b]	—	1.0	1.3	1.2	1.6	1.4
Enrichment activities[c]	41.9	23.0	24.0	20.2	15.3	18.9
Other nonrelative care[d]	3.6	6.8	4.9	3.9	4.3	4.0
Self care	43.0	48.2	42.9	39.3	37.2	35.7

— Not available.

[a] Mother and father care refer to care while the mother worked or was in school.

[b] Center-based care includes day care centers, nursery schools, preschools, and Head Start.

[c] Enrichment activities include sports, lessons, clubs, and before- and after-school programs.

[d] Other nonrelative includes family day care providers, in-home babysitters, and others providing care in the child's or provider's home.

NOTE: Employed mothers are those with wage and salary employment or other employment arrangements, including contingent work and self-employment. The sum of children by arrangement may exceed 100 percent because of multiple arrangements.

SOURCE: U.S. Census Bureau, Survey of Income and Program Participation.

Table FAM4

Children of at least one foreign-born parent: Percentage of children ages 0–17 by nativity of child and parents,[a] parent's education, poverty status, and other characteristics, selected years 1994–2010[b]

Characteristic	1994			1998			2002		
	Native child and parents	Foreign-born parent		Native child and parents	Foreign-born parent		Native child and parents	Foreign-born parent	
		Native child	Foreign-born child		Native child	Foreign-born child		Native child	Foreign-born child
Number of children ages 0–17 living with one or both parents (in thousands)	56,338	8,176	2,160	56,237	9,883	2,298	55,264	11,518	2,654
Percent of all children[c]	82	12	3	80	14	3	76	16	4
Gender of child									
Male	—	—	—	—	—	—	51	51	52
Female	—	—	—	—	—	—	49	49	48
Age of child									
Age < 1	—	—	—	—	—	—	6	7	1
Ages 1–2	—	—	—	—	—	—	11	14	3
Ages 3–5	—	—	—	—	—	—	16	19	10
Ages 6–8	—	—	—	—	—	—	17	17	14
Ages 9–11	—	—	—	—	—	—	18	17	20
Ages 12–14	—	—	—	—	—	—	18	14	25
Ages 15–17	—	—	—	—	—	—	17	11	28
Race and Hispanic origin of child[d]									
White	—	—	—	—	—	—	80	72	70
White, non-Hispanic	—	—	—	—	—	—	73	21	17
Black	—	—	—	—	—	—	17	9	9
Asian	—	—	—	—	—	—	1	17	20
Hispanic	—	—	—	—	—	—	8	55	55
Education of parent[e]									
Less than high school	14	38	48	12	37	45	10	36	41
High school graduate	35	21	20	34	23	22	31	23	21
Some college or associate's degree	28	19	11	30	18	11	32	18	12
Bachelor's degree or greater	23	22	21	23	23	22	27	23	27
Poverty status[f]									
Below 100% poverty	20	28	41	17	25	39	14	20	27
100% poverty and above	80	72	59	83	75	61	—	—	—
100–199% poverty	—	—	—	—	—	—	20	29	33
200% poverty and above	—	—	—	—	—	—	66	51	40
Area of residence									
Central city of MSA[g]	27	43	48	26	43	49	26	41	42
Outside central city, in MSA[g]	48	51	47	51	50	45	54	52	51
Outside metropolitan area	25	6	6	22	7	6	21	7	7
Presence of parents									
Two married parents present[h]	70	82	78	69	82	78	69	81	81
Living with mother only	26	16	19	26	15	20	26	16	16
Living with father only	4	2	3	5	3	3	5	3	4
Presence of adults other than parents									
Other relatives only	17	25	36	17	26	29	17	26	31
Nonrelatives only	5	5	5	6	4	4	6	5	5
Both relatives and nonrelatives	1	1	3	1	1	2	1	2	3
No other relatives or nonrelatives	78	68	56	77	68	65	77	68	61

See notes at end of table.

Table FAM4 (cont.)

Children of at least one foreign-born parent: Percentage of children ages 0–17 by nativity of child and parents,[a] parent's education, poverty status, and other characteristics, selected years 1994–2010[b]

Characteristic	2006			2008			2010		
	Native child and parents	Foreign-born parent		Native child and parents	Foreign-born parent		Native child and parents	Foreign-born parent	
		Native child	Foreign-born child		Native child	Foreign-born child		Native child	Foreign-born child
Number of children ages 0–17 living with one or both parents (in thousands)	54,976	12,706	2,599	54,993	13,755	2,538	54,613	14,640	2,424
Percent of all children[c]	75	17	4	74	19	3	73	20	3
Gender of child									
Male	51	52	52	51	51	52	51	51	49
Female	49	49	49	49	49	48	49	49	51
Age of child									
Age < 1	6	7	1	6	8	1	6	7	1
Ages 1–2	11	15	4	11	14	4	11	14	4
Ages 3–5	16	19	10	16	19	10	17	20	10
Ages 6–8	16	16	15	16	17	14	17	19	13
Ages 9–11	16	16	20	16	15	20	16	15	19
Ages 12–14	17	15	22	17	14	24	16	14	25
Ages 15–17	18	12	28	18	13	27	17	12	29
Race and Hispanic origin of child[d]									
White-alone	79	72	68	79	72	66	78	71	60
White-alone, non-Hispanic	70	18	16	69	18	15	68	17	13
White-alone or in combination with one or more races	82	75	69	82	75	66	82	74	60
Black-alone	16	9	10	16	9	10	16	10	13
Black-alone or in combination with one or more races	18	9	11	18	10	10	18	11	13
Asian-alone	1	15	19	1	14	22	1	14	26
Asian-alone or in combination with one or more races	1	17	19	1	16	22	2	16	26
Hispanic	10	57	55	10	58	53	12	59	50
All remaining single races and all race combinations	4	5	3	5	5	2	5	5	2
Education of parent[e]									
Less than high school	10	33	39	7	26	29	6	26	32
High school graduate	30	24	24	24	25	25	23	24	21
Some college or associate's degree	32	19	11	32	19	12	33	20	14
Bachelor's degree or greater	29	25	27	38	30	34	38	31	34

See notes at end of table.

Table FAM4 (cont.)

Children of at least one foreign-born parent: Percentage of children ages 0–17 by nativity of child and parents,[a] parent's education, poverty status, and other characteristics, selected years 1994–2010[b]

Characteristic	2006			2008			2010		
	Native child and parents	Foreign-born parent		Native child and parents	Foreign-born parent		Native child and parents	Foreign-born parent	
		Native child	Foreign-born child		Native child	Foreign-born child		Native child	Foreign-born child
Poverty status[f]									
Below 100% poverty	15	20	30	16	21	30	18	26	33
100–199% poverty	19	28	31	19	29	28	19	27	30
200% poverty and above	65	52	39	66	50	42	63	47	37
Presence of parents									
Two parents present[h]	68	82	80	70	84	79	69	83	79
Living with mother only	27	15	16	26	14	19	27	16	19
Living with father only	5	3	3	4	2	2	4	2	2
Presence of adults other than parents									
Other relatives only	17	25	31	19	25	27	20	28	34
Nonrelatives only	6	4	3	4	3	3	4	3	4
Both relatives and nonrelatives	1	2	1	1	1	1	1	2	2
No other relatives or nonrelatives	75	70	64	76	72	68	75	67	60

— Not available.

[a] Native parents means that all of the parents that the child lives with are native-born, while foreign-born means that at least one of the child's parents is foreign-born. Anyone with U.S. citizenship at birth is considered native, which includes persons born in the United States and in U.S. outlying areas, and persons born abroad with at least one American parent.

[b] Beginning with March 2001, data are from the Expanded Current Population Survey Sample and use population controls based on Census 2000.

[c] In 2010, all children total 74,418,000. The estimate excludes household residents under age 18 who were listed as family reference persons or spouses.

[d] For race and Hispanic-origin data in this table: From 1994 to 2002, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the Current Population Survey (CPS) asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2003, following the 1997 OMB standards for collecting and presenting data on race, the CPS asked respondents to choose one or more races from the following: White, Black, Asian, American Indian or Alaska Native, and Native Hawaiian or Other Pacific Islander. People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Prior to 2004, "Asian" refers to Asians and Pacific Islanders; beginning in 2004, "Asian" refers to Asians alone. Data from 2004 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[e] Prior to 2007, this category reflected the education of the parent identified by the parent pointer. Beginning in 2007, it shows the education of the parent with the highest educational attainment if the child lives with two parents.

[f] The poverty status groups are derived from the ratio of the family's income to the family's poverty threshold. Below 100 percent of poverty refers to children living below the poverty line, 100–199 percent of poverty refers to children living in low-income households, and 200 percent of poverty and above refers to children living in medium- and high-income households. See ECON1.B for the income levels.

[g] An MSA is a Metropolitan Statistical Area. OMB defines metropolitan areas (MAs) according to published standards that are applied to Census Bureau data. The 1990 standards provide that each newly qualifying MSA must include at least: (1) one city with 50,000 or more inhabitants, or (2) a Census Bureau-defined urbanized area (of at least 50,000 inhabitants) and a total metropolitan population of at least 100,000 (75,000 in New England). MSA information is discontinued for 2003 and later due to discontinuity in the metro definitions in the Current Population Survey.

[h] Prior to 2007, this category included only married parents. Beginning in 2007, all children with two parents are included, regardless of whether the parents are married. Prior to 2007, CPS data identified only one parent on the child's record. This meant that a second parent could only be identified if they were married to the first parent. In 2007, a second parent identifier was added to the CPS. This permits identification of two coresident parents, even if the parents are not married to each other. In this table, "two parents" reflects all children who have both a mother and father identified in the household, including biological, step, and adoptive parents.

SOURCE: U.S. Census Bureau. Current Population Survey, Annual Social and Economic Supplements.

Table FAM5

Language spoken at home and difficulty speaking English: Number of children ages 5–17 who speak a language other than English at home by language spoken and ability to speak English, and the percentages of those speaking a language other than English at home and those with difficulty speaking English[a] by selected characteristics, selected years 1979–2009

	Current Population Survey					American Community Survey							
Characteristic	**1979**	**1989**	**1992**	**1995[b]**	**1999[b]**	**2000**	**2002**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**
Children who speak another language at home													
Number (in thousands)	3,826	5,177	6,264	6,657	8,815	9,526	9,793	9,977	10,507	10,862	10,918	10,872	11,227
Language spoken[c] (in thousands)													
Spanish	2,529	3,550	4,314	5,037	6,339	6,533	6,859	7,103	7,530	7,805	7,872	7,781	8,067
Other Indo-European	622	727	505	514	433	1,535	1,480	1,440	1,462	1,458	1,479	1,513	1,487
Asian or Pacific Island languages	160	551	978	504	1,177	1,147	1,127	1,116	1,140	1,177	1,173	1,153	1,242
Other languages	515	349	467	602	865	311	327	318	375	422	394	424	431
Ability to speak English (in thousands)													
Very well	2,576	3,369	4,104	4,226	6,185	6,640	7,012	7,202	7,701	8,095	8,170	8,191	8,592
Well	783	1,144	1,436	1,538	1,743	1,754	1,709	1,774	1,818	1,792	1,841	1,804	1,811
Not well	362	568	627	749	758	926	906	828	819	817	760	746	708
Not at all	105	96	97	143	130	206	166	173	169	158	147	130	115
Percentage of school-age children	8.5	12.3	13.2	14.1	16.7	18.1	18.5	18.9	19.9	20.3	20.5	20.5	21.1
Poverty status[d]													
Below 100% poverty	—	—	—	—	—	28.4	29.1	28.2	30.2	30.2	30.5	31.2	32.0
100% poverty and above	—	—	—	—	—	16.1	16.4	16.9	17.7	18.4	18.6	18.4	18.7
Nativity status[e]													
Native child and parents	—	—	—	—	—	5.0	4.8	4.6	5.0	5.1	4.9	5.0	5.1
Foreign-born parent	—	—	—	—	—	72.0	71.0	71.0	71.8	72.1	72.1	71.5	71.9
Native child	—	—	—	—	—	66.9	65.7	66.4	67.1	67.8	68.0	67.6	68.3
Foreign-born child	—	—	—	—	—	87.9	88.6	87.5	88.6	88.2	88.2	88.0	87.7
Family structure													
Two married parents	—	—	—	—	—	18.5	19.1	19.8	20.4	21.2	21.4	21.4	21.9
Mother only	—	—	—	—	—	15.8	16.5	16.4	17.9	18.0	18.2	18.4	19.3
Father only	—	—	—	—	—	19.3	17.6	18.5	21.1	20.9	20.7	21.1	21.8
No parent	—	—	—	—	—	20.1	20.1	18.4	20.4	20.1	19.7	19.1	18.9
Education of parent[f]													
Less than high school graduate	—	—	—	—	—	47.4	51.0	53.2	55.3	56.1	57.7	58.7	59.8
High school graduate	—	—	—	—	—	15.5	17.2	18.8	20.4	22.0	22.6	22.7	24.0
Some college	—	—	—	—	—	12.4	12.4	12.6	13.4	13.7	13.5	13.8	14.2
Bachelor's degree or higher	—	—	—	—	—	12.9	12.6	12.8	13.2	13.6	13.6	13.9	13.9

See notes at end of table.

Table FAM5 (cont.)

Language spoken at home and difficulty speaking English: Number of children ages 5–17 who speak a language other than English at home by language spoken and ability to speak English, and the percentages of those speaking a language other than English at home and those with difficulty speaking English[a] by selected characteristics, selected years 1979–2009

	Current Population Survey					American Community Survey							
Characteristic	**1979**	**1989**	**1992**	**1995[b]**	**1999[b]**	**2000**	**2002**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**
Children who speak another language at home—continued													
Race and Hispanic origin[g]													
White	8.7	12.0	12.6	13.3	16.4	—	—	—	—	—	—	—	—
White-alone	—	—	—	—	—	14.4	14.1	14.5	14.7	14.8	15.2	16.4	17.0
White, non-Hispanic	3.2	3.3	3.3	3.6	3.9	—	—	—	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	5.7	5.6	5.3	5.6	5.7	5.7	5.8	5.7
Black	1.9	3.1	4.3	4.2	5.8	—	—	—	—	—	—	—	—
Black-alone	—	—	—	—	—	5.1	5.1	5.4	6.0	6.1	6.0	6.6	6.8
Black, non-Hispanic	1.3	2.3	3.7	3.0	4.5	—	—	—	—	—	—	—	—
Black-alone, non-Hispanic	—	—	—	—	—	4.4	4.5	4.7	5.3	5.5	5.3	5.6	5.7
American Indian or Alaskan Native	—	16.6	13.6	17.8	20.4	—	—	—	—	—	—	—	—
American Indian or Alaska Native-alone	—	—	—	—	—	20.5	22.3	17.0	20.0	22.4	20.0	22.0	23.4
Asian or Pacific Islander	—	62.2	65.2	60.2	60.4	—	—	—	—	—	—	—	—
Asian-alone	—	—	—	—	—	67.1	64.4	63.4	64.0	63.6	63.7	63.2	63.5
Native Hawaiian or Other Pacific Islander-alone	—	—	—	—	—	29.8	31.5	32.6	29.8	32.9	34.7	29.7	29.6
Other	44.5	43.6	51.7	64.0	—	—	—	—	—	—	—	—	—
Some other race alone	—	—	—	—	—	75.4	73.6	74.1	74.5	74.8	74.6	75.3	76.0
Two or more races	—	—	—	—	—	17.6	16.8	13.4	14.4	14.3	14.0	13.5	14.0
Hispanic (of any race)	75.1	69.4	71.5	73.8	70.9	68.6	67.8	67.4	68.9	68.9	68.4	66.0	66.0
Region[h]													
Northeast	10.5	12.8	14.9	15.2	17.7	19.1	18.4	19.0	19.7	20.1	20.3	20.6	20.9
South	6.8	10.6	10.5	11.7	14.3	14.6	15.4	15.6	16.8	17.3	17.6	17.7	18.5
Midwest	3.7	4.7	5.3	5.9	7.5	9.5	10.0	10.5	10.8	11.1	11.4	11.4	11.8
West	17.0	23.6	25.3	26.4	28.8	31.0	31.3	31.4	33.0	33.6	33.6	33.1	33.6
Living in linguistically isolated household[i]													
Number (in thousands)	—	—	—	—	—	2,576	2,748	2,926	2,952	2,976	3,046	2,889	2,960
Percentage of school-age children	—	—	—	—	—	4.9	5.2	5.5	5.6	5.6	5.7	5.5	5.6

See notes at end of table.

Table FAM5 (cont.)

Language spoken at home and difficulty speaking English: Number of children ages 5–17 who speak a language other than English at home by language spoken and ability to speak English, and the percentages of those speaking a language other than English at home and those with difficulty speaking English[a] by selected characteristics, selected years 1979–2009

	Current Population Survey					American Community Survey							
Characteristic	**1979**	**1989**	**1992**	**1995[b]**	**1999[b]**	**2000**	**2002**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**
Children who speak another language at home and have difficulty speaking English													
Number (in thousands)	1,250	1,808	2,160	2,431	2,630	2,886	2,780	2,774	2,806	2,767	2,748	2,680	2,634
Percentage of school-age children	2.8	4.3	4.6	5.2	5.0	5.5	5.3	5.2	5.3	5.2	5.2	5.1	4.9
Language spoken[c]													
Spanish	2.1	3.1	3.3	4.3	4.3	4.0	3.8	3.9	4.0	3.9	3.9	3.8	3.6
Other Indo-European	0.2	0.4	0.2	0.2	0.2	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
Asian or Pacific Island languages	0.1	0.6	0.8	0.4	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Other languages	0.4	0.2	0.3	0.3	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
Poverty status[d]													
Below 100% poverty	—	—	—	—	—	11.3	10.4	10.0	10.2	9.8	9.7	10.0	9.7
100% poverty and above	—	—	—	—	—	4.3	4.2	4.2	4.3	4.2	4.2	4.0	3.8
Nativity status[e]													
Native child and parents	—	—	—	—	—	1.3	1.0	1.2	1.1	1.0	1.0	1.0	1.0
Foreign-born parent	—	—	—	—	—	21.8	20.8	19.4	19.4	18.7	18.4	17.8	17.1
Native child	—	—	—	—	—	17.2	16.1	15.1	15.1	14.6	14.6	14.6	14.1
Foreign-born child	—	—	—	—	—	36.0	36.3	34.6	34.6	34.0	33.1	31.3	30.3
Family structure													
Two married parents	—	—	—	—	—	5.4	5.4	5.4	5.4	5.3	5.3	5.1	4.9
Mother only	—	—	—	—	—	4.3	4.1	4.2	4.2	4.0	4.0	4.1	4.4
Father only	—	—	—	—	—	6.8	6.4	6.1	6.6	6.3	6.1	6.6	6.0
No parent	—	—	—	—	—	8.6	7.5	7.2	7.5	7.0	7.0	6.5	6.4
Education of parent[f]													
Less than high school graduate	—	—	—	—	—	17.8	18.2	18.6	18.7	18.4	18.7	19.0	18.0
High school graduate	—	—	—	—	—	4.4	4.5	4.9	5.2	5.4	5.5	5.4	5.6
Some college	—	—	—	—	—	3.0	2.9	2.8	2.9	2.6	2.6	2.7	2.6
Bachelor's degree or higher	—	—	—	—	—	2.8	2.7	2.8	2.6	2.6	2.5	2.5	2.4
Race and Hispanic origin[g]													
White	2.8	4.2	4.3	4.9	5.2	—	—	—	—	—	—	—	—
White-alone	—	—	—	—	—	4.4	3.8	4.0	3.9	3.9	3.9	4.0	3.9
White, non-Hispanic	0.5	0.7	0.6	0.7	1.0	—	—	—	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1
Black	0.5	0.7	1.5	1.5	1.3	—	—	—	—	—	—	—	—
Black-alone	—	—	—	—	—	1.4	1.3	1.4	1.4	1.5	1.4	1.5	1.5
Black, non-Hispanic	0.3	0.5	1.2	0.9	1.0	—	—	—	—	—	—	—	—
Black-alone, non-Hispanic	—	—	—	—	—	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.3
American Indian or Alaskan Native	—	4.5	1.4	3.8	8.2	—	—	—	—	—	—	—	—
American Indian or Alaska Native-alone	—	—	—	—	—	4.6	4.4	3.1	4.1	4.0	4.2	5.3	5.4
Asian or Pacific Islander	—	24.5	25.0	19.4	13.9	—	—	—	—	—	—	—	—
Asian-alone	—	—	—	—	—	19.8	18.7	16.9	17.2	16.5	16.4	16.1	15.8
Native Hawaiian or Other Pacific Islander-alone	—	—	—	—	—	10.3	6.3	7.1	7.3	6.9	6.9	6.2	7.4
Other	19.5	9.0	18.1	27.1	—	—	—	—	—	—	—	—	—
Some other race alone	—	—	—	—	—	24.7	23.8	22.2	20.7	18.9	18.7	19.1	18.4
Two or more races	—	—	—	—	—	4.2	3.9	2.5	2.6	2.7	2.6	2.4	2.7
Hispanic (of any race)	28.7	26.7	27.9	30.9	23.4	22.8	20.5	19.7	19.4	18.5	18.1	17.1	16.1

See notes at end of table.

Table FAM5 (cont.)

Language spoken at home and difficulty speaking English: Number of children ages 5–17 who speak a language other than English at home by language spoken and ability to speak English, and the percentages of those speaking a language other than English at home and those with difficulty speaking English[a] by selected characteristics, selected years 1979–2009

	Current Population Survey					American Community Survey							
Characteristic	**1979**	**1989**	**1992**	**1995[b]**	**1999[b]**	**2000**	**2002**	**2004**	**2005**	**2006**	**2007**	**2008**	**2009**
Children who speak another language at home and have difficulty speaking English—continued													
Region[h]													
Northeast	2.9	4.5	4.8	5.0	4.4	5.0	5.0	4.8	4.5	4.4	4.3	4.4	4.5
South	2.2	3.8	3.3	3.4	3.6	4.4	4.3	4.4	4.6	4.6	4.7	4.6	4.4
Midwest	1.1	1.2	1.5	2.3	2.0	2.8	3.0	3.2	3.1	3.0	3.0	2.9	2.9
West	6.5	8.6	9.8	11.4	10.5	10.0	9.0	8.8	8.9	8.6	8.5	8.1	8.0

— Not available.

[a] Respondents were asked if the children in the household spoke a language other than English at home and how well they could speak English. Categories used for reporting were "Very well," "Well," "Not well," and "Not at all." All those reported to speak English less than "Very well" were considered to have difficulty speaking English based on an evaluation of the English-speaking ability of a sample of the children in the 1980s.

[b] Numbers from the Current Population Survey (CPS) in 1995 and after may reflect changes in the survey because of newly instituted computer-assisted interviewing techniques and/or because of the change in the population controls to the 1990 Census-based estimates, with adjustments.

[c] In the 1979 CPS questionnaire, the language spoken at home variable had 10 specific categories: Chinese, Filipino, French, German, Greek, Italian, Polish, Portuguese, Spanish, and Other. In the 1989 CPS questionnaire, the language spoken at home variable had 34 specific categories. In the 1992 to 1999 CPS questionnaires, the language spoken at home variable had 4 categories: Spanish, Asian, Other European, and Other. In the American Community Survey (ACS), respondents are asked the question, and their response is recorded in an open-ended format.

[d] Limited to the population for whom poverty status is determined.

[e] Native parents means that all of the parents that the child lives with are native-born, while foreign-born means that at least one of the child's parents is foreign-born. Anyone with U.S. citizenship at birth is considered native, which includes persons born in the United States and in U.S. outlying areas, and persons born abroad with at least one American parent.

[f] Highest level of educational attainment is shown for either parent.

[g] For race and Hispanic-origin data in this table: From 1979 to 1999, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the CPS asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2000, following the 1997 OMB standards for collecting and presenting data on race, the ACS asked respondents to choose one or more races from the following: White, Black or African American, Asian, American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander. In addition, a "Some other race" category was included with OMB approval. Those who chose more than one race were classified as "Two or more races." Except for those who were "Two or more races," all race groups discussed in this table from 2000 onward refer to people who indicated only one racial identity within the racial categories presented. People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Prior to 2000, "Asian" refers to Asians and Pacific Islanders; beginning in 2000, "Asian" refers to Asians alone. Data from 2000 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[h] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

[i] A linguistically isolated household is one in which no person age 14 or over speaks English at least "Very well." That is, no person age 14 or over speaks only English at home, or speaks another language at home and speaks English "Very well."

NOTE: All nonresponses to the CPS language questions are excluded from the tabulations, except in 1999. In 1999, imputations were instituted for nonresponse on the language items.

SOURCE: U.S. Census Bureau, October (1992, 1995, and 1999) and November (1979 and 1989) Current Population Surveys, and 2000–2009 American Community Survey.

Table FAM6 **Adolescent births: Birth rates by mother's age and race and Hispanic origin,[a] selected years 1980–2009**

(Live births per 1,000 females in specified age group)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
All races										
Ages 10–14	1.1	1.2	1.4	1.3	0.9	0.7	0.6	0.6	0.6	0.5
Ages 15–17	32.5	31.0	37.5	35.5	26.9	21.4	22.0	22.1	21.7	20.1
Ages 18–19	82.1	79.6	88.6	87.7	78.1	69.9	73.0	73.9	70.6	66.2
Ages 15–19	53.0	51.0	59.9	56.0	47.7	40.5	41.9	42.5	41.5	39.1
White, total										
Ages 10–14	0.6	0.6	0.7	0.8	0.6	0.5	0.5	0.5	0.4	—
Ages 15–17	25.5	24.4	29.5	29.6	23.3	18.9	19.4	19.7	19.3	—
Ages 18–19	73.2	70.4	78.0	80.2	72.3	64.7	67.5	68.1	65.0	—
Ages 15–19	45.4	43.3	50.8	49.5	43.2	37.0	38.2	38.8	37.8	—
White, non-Hispanic										
Ages 10–14	0.4	—	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.2
Ages 15–17	22.4	—	23.2	22.0	15.8	11.5	11.8	11.8	11.5	11.0
Ages 18–19	67.7	—	66.6	66.2	57.5	48.0	49.3	50.4	48.5	46.1
Ages 15–19	41.2	—	42.5	39.3	32.6	25.9	26.6	27.2	26.7	25.6
Black, total										
Ages 10–14	4.3	4.5	4.9	4.1	2.3	1.7	1.5	1.5	1.4	—
Ages 15–17	72.5	69.3	82.3	68.5	49.0	35.5	36.6	36.1	35.2	—
Ages 18–19	135.1	132.4	152.9	135.0	118.8	104.9	110.2	110.7	105.6	—
Ages 15–19	97.8	95.4	112.8	94.4	77.4	62.0	64.6	64.9	63.4	—
Black, non-Hispanic										
Ages 10–14	4.6	—	5.0	4.2	2.4	1.7	1.6	1.5	1.4	1.2
Ages 15–17	77.2	—	84.9	70.4	50.1	34.9	36.2	35.8	34.8	32.1
Ages 18–19	146.5	—	157.5	139.2	121.9	103.0	108.4	109.3	104.6	97.5
Ages 15–19	105.1	—	116.2	97.2	79.2	60.9	63.7	64.2	62.8	59.0
American Indian or Alaskan Native										
Ages 10–14	1.9	1.7	1.6	1.6	1.1	0.9	0.9	0.9	0.9	0.8
Ages 15–17	51.5	47.7	48.5	44.6	34.1	30.5	30.7	31.8	32.5	30.6
Ages 18–19	129.5	124.1	129.3	122.2	97.1	87.6	93.0	101.6	96.6	90.5
Ages 15–19	82.2	79.2	81.1	72.9	58.3	52.7	55.0	59.3	58.4	55.5
Asian or Pacific Islander										
Ages 10–14	0.3	0.4	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.2
Ages 15–17	12.0	12.5	16.0	15.6	11.6	8.2	8.8	8.2	7.9	7.1
Ages 18–19	46.2	40.8	40.2	40.1	32.6	30.1	29.5	29.9	28.4	25.7
Ages 15–19	26.2	23.8	26.4	25.5	20.5	17.0	17.0	16.9	16.2	14.6

See notes at end of table.

Table FAM6 (cont.) **Adolescent births: Birth rates by mother's age and race and Hispanic origin,[a] selected years 1980–2009**

(Live births per 1,000 females in specified age group)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Hispanic[b]										
Ages 10–14	1.7	—	2.4	2.6	1.7	1.3	1.3	1.2	1.2	1.0
Ages 15–17	52.1	—	65.9	68.3	55.5	48.5	47.9	47.9	46.1	41.0
Ages 18–19	126.9	—	147.7	145.4	132.6	134.6	139.7	137.2	127.2	114.0
Ages 15–19	82.2	—	100.3	99.3	87.3	81.7	83.0	81.8	77.5	70.1

— Not available.

[a] The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. CA, HI, OH (for December only), PA, UT, and WA reported multiple-race data in 2003, following the revised 1997 OMB standards. In 2004, the following states began to report multiple-race data: FL, ID, KY, MI, MN, NH, NY State (excluding New York City), SC, and TN. Multiple-race data were reported by 19 states in 2005: FL, ID, KS, KY, NE, NH, NY State (excluding New York City), PA, SC, TN, TX, VT (beginning July 1), WA, CA, HI, MI (for births at selected facilities only), MN, OH, and UT. In 2006, 23 states reported multiple-race data: CA, DE, FL, ID, KS, KY, NE, NH, NY State (excluding New York City), ND, OH, PA, SC, SD, TN, TX, VT, WA, WY, HI, MI (for births at selected facilities only), MN, and UT. In 2007, 27 states reported multiple-race data: CA, CO, DE, FL, GA (partial year only), ID, IN, IA, KS, KY, MI (for births at most facilities), NE, NH, NY State (excluding New York City), ND, OH, PA, SC, SD, TN, TX, VT, WA, WY, HI, MN, and UT. In 2008, 30 states reported multiple-race data: CA, CO, DE, FL, GA, HI, ID, IN, IA, KS, KY, MI, MN, MT, NE, NH, NM, NY, ND, OH, OR, PA, SC, SD, TN, TX, UT, VT, WA, and WY. In 2009, 32 states and the District of Columbia (partial year only) reported multiple race data: CA, CO, DE, FL, GA, HI, ID, IN, IA, KS, KY, MI, MN, MT, NE, NH, NM, NV (partial year only), NY, ND, OH, OK (partial year only), OR, PA, SC, SD, TN, TX, UT, VT, WA, and WY. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards for comparability with other states. Note that data on race and Hispanic origin are collected and reported separately.

[b] Persons of Hispanic origin may be of any race. Trends for Hispanic women are affected by expansion of the reporting area in which an item on Hispanic origin is included on the birth certificate, as well as by immigration. These two factors affect numbers of events, composition of the Hispanic population, and maternal and infant health characteristics. The number of states in the reporting area increased from 22 in 1980 to 23 and the District of Columbia (DC) in 1983–1987, 30 and DC in 1988, 47 and DC in 1989, 48 and DC in 1990, 49 and DC in 1991–1992, and 50 and DC in 1993. Rates in 1981–88 were not calculated for Hispanics, Black, non-Hispanics, and White, non-Hispanics because estimates for these populations were not available. Recent declines in teenage birth rates parallel but outpace the reductions in birth rates for unmarried teenagers (see FAM2.A). Birth rates for married teenagers fell sharply between 1990 and 2004, but relatively few teenagers are married.

NOTE: Data for 2009 are preliminary. Data for 2007 and 2008 have been revised since previous publication in *America's Children.*

SOURCE: National Center for Health Statistics, National Vital Statistics System. Hamilton, B.E., Martin, J.A., and Ventura, S.J. (2010). Births: Preliminary data for 2009. *National Vital Statistics Reports, 59*(3). Hyattsville, MD: National Center for Health Statistics. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Mathews, T.J., and Osterman, M.J.K. (2010). Births: Final data for 2008. *National Vital Statistics Reports, 59*(1). Hyattsville, MD: National Center for Health Statistics.

Table FAM7.A **Child maltreatment: Rate of substantiated maltreatment reports of children ages 0–17 by selected characteristics, selected years 1998–2009**

(Substantiated maltreatment reports per 1,000 children ages 0–17)

Characteristic	1998	2000	2002	2003	2004	2005	2006	2007[a]	2008[a]	2009[a]
Total	12.9	12.2	12.3	12.2	12.0	12.1	12.1	10.6	10.3	10.1
Gender										
Male	—	11.4	11.5	11.5	11.3	11.3	11.4	10.0	9.7	9.5
Female	—	12.9	13.0	12.9	12.7	12.7	12.7	11.2	10.8	10.6
Race and Hispanic origin[b]										
White, non-Hispanic	—	10.7	10.9	11.0	10.9	10.8	10.7	9.1	8.6	8.5
Black, non-Hispanic	—	21.5	20.8	20.7	20.1	19.5	19.8	16.7	16.6	16.1
American Indian or Alaska Native	—	20.5	21.8	21.5	16.5	16.5	15.9	14.1	13.9	12.8
Asian	—	2.0	3.2	3.0	2.9	2.5	2.5	2.4	2.4	2.1
Native Hawaiian or Other Pacific Islander	—	21.7	18.6	18.6	18.0	16.1	14.3	13.6	11.6	11.6
Two or more races	—	12.3	13.0	12.9	14.5	15.0	15.4	14.0	13.8	12.1
Hispanic	—	10.2	8.2	10.2	10.1	10.7	10.8	10.3	9.8	9.3
Age										
Ages 0–3	—	15.7	16.1	16.1	16.0	16.5	16.8	15.0	14.7	14.6
Age <1	—	—	21.6	21.7	22.0	23.4	23.9	22.0	21.7	21.3
Ages 1—3	—	—	14.2	14.2	13.9	14.1	14.2	12.6	12.3	12.4
Ages 4–7	—	13.4	13.6	13.7	13.5	13.5	13.5	11.6	11.0	10.7
Ages 8–11	—	11.8	11.9	11.6	11.1	10.9	10.8	9.4	9.2	8.8
Ages 12–15	—	10.4	10.7	10.6	10.3	10.2	10.2	8.7	8.4	8.2
Ages 16–17	—	5.8	6.0	6.0	6.1	6.2	6.3	5.4	5.5	5.6

— Not available.

[a] Data since 2007 are not directly comparable with prior years as differences may be partially attributed to changes in one state's procedures for determination of maltreatment. Other reasons include the increase in children who received an "other" disposition, the decrease in the percentage of children who received a substantiated or indicated disposition, and the decrease in the number of children who received an investigation or assessment.

[b] The revised 1997 Office of Management and Budget (OMB) standards were used for Race and Hispanic origin, where respondents could choose one or more of five racial groups: White, Black or African American, Asian, Native Hawaiian or Other Pacific Islander, or American Indian or Alaska Native. Those reporting more than one race were classified as "Two or more races." In addition, data on race and Hispanic origin are collected separately, but are combined for reporting. Persons of Hispanic origin may be of any race.

NOTE: The count of child victims is based on the number of investigations or assessments by Child Protective Services that found the child to be a victim of one or more types of maltreatment. The count of victims is, therefore, a report-based count and is a "duplicated count," because an individual child may have been maltreated more than once. Substantiated maltreatment includes the dispositions of substantiated, indicated, or alternative response victims. Rates are based on the number of states submitting data to the National Child Abuse and Neglect Data System (NCANDS) each year; states include the District of Columbia and Puerto Rico. The overall rate of maltreatment is based on the following number of states for each year: 51 in 1998, 50 in 1999, 50 in 2000, 51 in 2001, 51 in 2002, 51 in 2003, 50 in 2004, 52 in 2005, 51 in 2006, 50 in 2007, 51 in 2008, and 52 in 2009. The number of states reporting on sex for each year from 2000 to the present was 50 in 2000, 51 in 2001, 51 in 2002, 51 in 2003, 50 in 2004, 51 in 2005, 51 in 2006, 50 in 2007, 51 in 2008 and 52 in 2009. The number of states reporting on race and Hispanic origin for each year from 2000 to the present was 48 in 2000, 49 in 2001, 50 in 2002, 50 in 2003, 49 in 2004, 50 in 2005, 49 in 2006, 46 in 2007, 47 in 2008, and 48 in 2009. The number of states reporting on age for each year from 2000 to the present was 50 in 2000, 51 in 2001, 51 in 2002, 51 in 2003, 50 in 2004, 51 in 2005, 51 in 2006, 50 in 2007, 51 in 2008, and 52 in 2009. Rates from 1998 to 1999 are based on aggregated data submitted by states; rates from 2000 to present are based on case-level data submitted by the states. The reporting year changed in 2003 from the calendar year to the Federal fiscal year. Additional technical notes are available in the annual reports entitled *Child Maltreatment.* These reports are available on the Internet at http://www.acf.hhs.gov/programs/cb/stats_research/index.htm#can.

SOURCE: Administration for Children and Families, National Child Abuse and Neglect Data System.

Table FAM7.B **Child maltreatment: Percentage of substantiated maltreatment reports of children ages 0–17 by maltreatment type and age, 2009**

Characteristic	Physical abuse	Neglect	Medical neglect	Sexual abuse	Psychological abuse	Other abuse	Unknown
Overall	16.5	72.4	2.2	8.8	7.0	8.9	0.3
Age							
Ages 0–3	13.7	80.7	2.7	1.7	5.8	9.9	0.1
Age <1	17.4	79.7	3.3	0.4	4.7	10.4	0.0
Ages 1—3	11.6	81.2	2.3	2.4	6.5	9.7	0.2
Ages 4–7	15.7	73.4	1.8	8.1	7.3	8.6	0.3
Ages 8–11	17.2	69.2	2.0	10.9	8.3	8.6	0.3
Ages 12–15	20.2	62.8	2.2	17.7	7.5	7.8	0.3
Ages 16–17	21.2	62.9	2.5	17.2	6.8	8.2	0.4
Unknown or missing	22.6	61.0	1.5	12.4	7.2	5.9	1.5

NOTE: Based on data from 50 states. The count of child victims is based on the number of investigations and assessments by Child Protective Services that found the child to be a victim of one or more types of maltreatment. The count of victims is, therefore, a report-based count and is a "duplicated count," since an individual child may have been maltreated more than once. Substantiated maltreatment includes the dispositions of substantiated, indicated, or alternative response-victim. States vary in their definition of abuse and neglect. Rows total more than 100 percent since a single child may be the victim of multiple kinds of maltreatment. The category of unknown includes missing children and children older than 17 years.

SOURCE: Administration for Children and Families, National Child Abuse and Neglect Data System.

Table ECON1.A **Child poverty: Percentage of all children and related children[a] ages 0–17 living below selected poverty levels by selected characteristics, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Below 100% poverty										
All children[b]	18.3	20.7	20.6	20.8	16.2	17.6	17.4	18.0	19.0	20.7
Gender										
Male	18.1	20.3	20.5	20.4	16.0	17.4	17.2	17.9	18.8	20.4
Female	18.6	21.1	20.8	21.2	16.3	17.8	17.6	18.1	19.2	21.0
Age										
Ages 0–5	20.7	23.0	23.6	24.1	18.3	20.2	20.3	21.1	21.7	24.3
Ages 6–17	17.3	19.5	19.0	19.1	15.2	16.3	16.0	16.5	17.6	18.9
Race and Hispanic origin[c]										
White, non-Hispanic	11.8	12.8	12.3	11.2	9.1	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	10.0	10.0	10.1	10.6	11.9
Black	42.3	43.6	44.8	41.9	31.2	—	—	—	—	—
Black-alone	—	—	—	—	—	34.5	33.4	34.5	34.7	35.7
Hispanic	33.2	40.3	38.4	40.0	28.4	28.3	26.9	28.6	30.6	33.1
Region[d]										
Northeast	16.3	18.5	18.4	19.0	14.5	15.5	15.7	16.1	16.6	18.0
South	22.5	22.8	23.8	23.5	18.4	19.7	19.4	20.8	20.5	22.4
Midwest	16.3	20.7	18.8	16.9	13.1	15.9	16.3	16.6	18.7	19.6
West	16.1	19.3	19.8	22.1	16.9	17.5	16.6	16.3	18.6	21.0
Related children[a]										
Children in all families, total	17.9	20.1	19.9	20.2	15.6	17.1	16.9	17.6	18.5	20.1
Related children ages 0–5	20.3	22.6	23.0	23.7	17.8	20.0	20.0	20.8	21.3	23.8
Related children ages 6–17	16.8	18.8	18.2	18.3	14.5	15.7	15.4	16.0	17.1	18.2
White, non-Hispanic	11.3	12.3	11.6	10.6	8.5	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	9.5	9.5	9.7	10.0	11.2
Black	42.1	43.1	44.2	41.5	30.9	—	—	—	—	—
Black-alone	—	—	—	—	—	34.2	33.0	34.3	34.4	35.3
Hispanic	33.0	39.6	37.7	39.3	27.6	27.7	26.6	28.3	30.3	32.5
Children in married-couple families, total	—	—	10.2	10.0	8.0	8.5	8.1	8.5	9.9	11.0
Related children ages 0–5	—	—	11.6	11.1	8.7	9.9	9.4	9.5	11.0	13.4
Related children ages 6–17	—	—	9.5	9.4	7.6	7.7	7.5	8.0	9.2	9.8
White, non-Hispanic	—	—	6.8	5.9	4.7	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	4.5	4.3	4.7	5.3	6.0
Black	—	—	18.1	12.8	8.8	—	—	—	—	—
Black-alone	—	—	—	—	—	12.5	12.0	11.0	11.0	15.2
Hispanic	—	—	26.5	28.4	20.7	20.1	18.5	19.2	22.1	23.9
Children in female-householder families, no husband present, total	50.8	53.6	53.4	50.3	40.1	42.8	42.1	43.0	43.5	44.4
Related children ages 0–5	65.2	65.8	65.5	61.8	50.3	52.9	52.7	54.0	53.3	54.3
Related children ages 6–17	45.5	48.3	47.3	44.6	35.7	38.3	37.4	37.8	38.7	39.6
White, non-Hispanic	—	—	39.6	33.5	28.0	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	33.1	32.9	32.4	31.7	33.5
Black	64.8	66.9	64.7	61.6	49.3	—	—	—	—	—
Black-alone	—	—	—	—	—	50.2	49.7	50.4	51.9	50.6
Hispanic	65.0	72.4	68.4	65.7	49.8	50.2	47.2	51.6	51.9	52.2

See notes at end of table.

Table ECON1.A (cont.) **Child poverty: Percentage of all children and related children[a] ages 0–17 living below selected poverty levels by selected characteristics, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Below 50% poverty										
All children[b]	6.9	8.6	8.8	8.5	6.7	7.7	7.5	7.8	8.5	9.3
Gender										
Male	6.9	8.6	8.8	8.4	6.6	7.3	7.5	7.8	8.4	9.0
Female	6.9	8.6	8.8	8.5	6.8	8.1	7.5	7.8	8.6	9.5
Age										
Ages 0–5	8.3	10.0	10.7	10.8	8.1	9.1	9.4	9.8	10.4	11.3
Ages 6–17	6.2	7.8	7.8	7.2	6.0	7.0	6.5	6.8	7.5	8.2
Race and Hispanic origin[c]										
White, non-Hispanic	—	—	5.0	3.9	3.7	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	4.1	4.3	4.3	4.5	5.0
Black	—	—	22.8	20.6	15.2	—	—	—	—	—
Black-alone	—	—	—	—	—	17.3	16.0	17.3	17.6	17.9
Hispanic	—	—	14.2	16.3	10.2	11.5	10.3	11.0	12.5	14.1
Region[d]										
Northeast	4.7	6.5	7.6	8.6	6.4	7.5	6.4	7.4	7.7	8.2
South	9.7	10.9	11.3	10.1	7.9	9.0	8.5	8.9	9.8	9.8
Midwest	6.3	9.5	8.9	6.6	5.5	6.5	7.3	7.4	8.4	9.7
West	5.1	5.6	6.1	7.8	6.2	7.0	6.8	6.7	7.1	8.8
Related children[a]										
Children in all families, total	—	—	8.3	7.9	6.3	7.2	7.1	7.4	8.1	8.7
Related children ages 0–5	—	—	10.3	10.4	7.9	8.9	9.2	9.6	10.1	11.0
Related children ages 6–17	—	—	7.2	6.6	5.5	6.4	6.0	6.3	7.0	7.6
White, non-Hispanic	—	—	4.4	3.4	3.3	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	3.6	3.9	3.9	4.1	4.5
Black	—	—	22.3	20.1	14.8	—	—	—	—	—
Black-alone	—	—	—	—	—	16.9	15.7	17.1	17.1	17.3
Hispanic	—	—	13.5	15.6	9.4	10.8	10.0	10.5	12.3	13.4
Children in married-couple families, total	—	—	2.7	2.6	2.2	2.4	2.2	2.6	3.2	3.6
Related children ages 0–5	—	—	3.1	2.9	2.2	2.8	2.8	2.8	3.7	4.4
Related children ages 6–17	—	—	2.4	2.5	2.2	2.1	1.9	2.5	2.9	3.2
White, non-Hispanic	—	—	1.9	1.4	1.5	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	1.2	1.2	1.4	1.8	1.8
Black	—	—	3.9	2.9	3.1	—	—	—	—	—
Black-alone	—	—	—	—	—	4.5	2.9	4.4	4.4	6.0
Hispanic	—	—	6.7	8.6	4.4	5.2	4.7	5.4	6.3	7.3
Children in female-householder families, no husband present, total	—	—	27.7	23.8	18.9	21.8	21.1	21.2	22.3	22.2
Related children ages 0–5	—	—	37.0	33.7	27.9	29.1	29.5	30.2	30.7	29.6
Related children ages 6–17	—	—	23.0	18.9	15.2	18.5	17.4	17.0	18.3	18.7
White, non-Hispanic	—	—	19.1	13.1	12.0	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	15.2	16.1	15.9	14.6	16.2
Black	—	—	36.8	32.2	24.2	—	—	—	—	—
Black-alone	—	—	—	—	—	26.1	26.0	25.9	26.8	25.4
Hispanic	—	—	31.9	32.5	24.8	27.7	22.9	24.4	28.5	26.9

See notes at end of table.

Table ECON1.A (cont.) **Child poverty: Percentage of all children and related children[a] ages 0–17 living below selected poverty levels by selected characteristics, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Below 150% poverty										
All children[b]	29.9	32.3	31.4	32.2	26.7	28.2	28.6	29.3	30.5	32.0
Gender										
Male	29.6	32.2	31.3	31.7	26.6	28.0	28.4	29.2	30.4	31.9
Female	30.3	32.3	31.6	32.7	26.8	28.3	28.8	29.5	30.6	32.2
Age										
Ages 0–5	33.2	35.6	34.6	35.5	29.3	31.5	32.2	33.2	34.0	36.2
Ages 6–17	28.4	30.5	29.7	30.5	25.4	26.5	26.8	27.4	28.8	29.9
Race and Hispanic origin[c]										
White, non-Hispanic	—	—	21.4	20.1	16.4	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	17.2	17.7	17.8	19.0	19.8
Black	—	—	57.9	56.8	45.7	—	—	—	—	—
Black-alone	—	—	—	—	—	48.8	48.1	49.0	50.5	50.9
Hispanic	—	—	56.0	59.4	47.3	45.9	45.9	47.8	47.7	50.0
Region[d]										
Northeast	27.0	28.1	26.7	28.8	23.4	24.9	24.6	26.0	26.0	27.3
South	35.8	36.7	36.0	35.8	29.5	31.2	31.6	32.8	33.6	34.2
Midwest	26.0	31.0	28.7	26.8	21.8	25.0	26.5	26.3	28.7	30.5
West	27.9	30.4	31.4	35.0	29.3	28.8	28.7	29.0	30.5	33.4
Related children[a]										
Children in all families, total	—	—	30.6	31.5	26.1	27.6	28.1	28.8	29.9	31.5
Related children ages 0–5	—	—	33.9	35.1	28.9	31.2	31.7	32.9	33.5	35.8
Related children ages 6–17	—	—	28.8	29.6	24.7	25.8	26.2	26.8	28.1	29.2
White, non-Hispanic	—	—	20.5	19.3	15.8	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	16.5	17.1	17.3	18.3	19.1
Black	—	—	57.4	56.3	45.4	—	—	—	—	—
Black-alone	—	—	—	—	—	48.5	47.8	48.9	50.0	50.5
Hispanic	—	—	55.4	59.0	46.6	45.5	45.6	47.4	47.3	49.5
Children in married-couple families, total	—	—	19.9	19.9	16.2	17.0	17.1	17.4	18.8	20.1
Related children ages 0–5	—	—	22.1	21.3	17.8	19.7	19.6	19.5	21.2	23.6
Related children ages 6–17	—	—	18.7	19.1	15.4	15.6	15.8	16.3	17.6	18.3
White, non-Hispanic	—	—	14.6	13.4	10.0	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	10.0	10.2	10.3	11.7	12.1
Black	—	—	31.7	26.2	20.7	—	—	—	—	—
Black-alone	—	—	—	—	—	23.3	23.1	21.2	23.0	26.8
Hispanic	—	—	46.5	49.8	39.4	38.5	37.4	38.7	38.4	41.0
Children in female-householder families, no husband present, total	—	—	66.9	65.2	57.2	58.6	59.4	60.5	61.1	60.9
Related children ages 0–5	—	—	76.7	75.1	66.8	68.6	69.2	71.3	70.4	69.8
Related children ages 6–17	—	—	62.0	60.3	53.2	54.3	55.0	55.4	56.6	56.6
White, non-Hispanic	—	—	54.4	48.6	44.1	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	46.8	48.3	49.1	48.7	48.7
Black	—	—	77.1	76.2	66.2	—	—	—	—	—
Black-alone	—	—	—	—	—	67.1	67.6	68.0	69.7	67.7
Hispanic	—	—	80.3	81.6	70.1	66.9	67.1	69.7	70.1	69.2

See notes at end of table.

Table ECON1.A (cont.) **Child poverty: Percentage of all children and related children[a] ages 0–17 living below selected poverty levels by selected characteristics, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Below 200% poverty										
All children[b]	42.3	43.5	42.4	43.3	37.5	38.9	39.0	39.2	40.6	42.2
Gender										
Male	42.3	43.2	42.5	43.1	37.5	38.6	38.8	39.1	40.4	41.9
Female	42.4	43.7	42.3	43.5	37.6	39.3	39.2	39.3	40.8	42.6
Age										
Ages 0–5	46.8	47.1	46.0	46.7	41.0	42.4	42.9	42.9	44.0	46.2
Ages 6–17	40.3	41.6	40.5	41.5	35.9	37.3	37.1	37.3	38.8	40.2
Race and Hispanic origin[c]										
White, non-Hispanic	—	—	32.3	30.5	25.5	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	26.2	26.3	26.2	27.3	28.7
Black	—	—	68.3	68.1	59.2	—	—	—	—	—
Black-alone	—	—	—	—	—	61.3	60.2	60.6	60.9	62.5
Hispanic	—	—	69.5	72.9	62.6	60.7	61.0	60.8	62.0	63.0
Region[d]										
Northeast	39.1	37.5	36.3	38.2	33.0	33.9	34.1	35.1	34.3	36.7
South	47.8	48.6	47.7	48.4	41.6	42.5	42.4	42.6	44.3	45.2
Midwest	39.1	42.5	39.6	36.9	31.2	35.3	35.9	36.4	38.4	40.2
West	40.5	41.7	42.7	46.1	40.5	40.5	40.1	39.4	41.1	43.3
Related children[a]										
Children in all families, total	—	—	41.7	42.6	36.9	38.4	38.5	38.7	40.0	41.7
Related children ages 0–5	—	—	45.4	46.3	40.5	42.1	42.5	42.6	43.6	45.8
Related children ages 6–17	—	—	39.6	40.7	35.2	36.6	36.5	36.7	38.2	39.6
White, non-Hispanic	—	—	31.4	29.8	24.8	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	25.6	25.6	25.5	26.6	28.1
Black	—	—	67.9	67.8	58.9	—	—	—	—	—
Black-alone	—	—	—	—	—	61.1	60.0	60.5	60.5	62.1
Hispanic	—	—	69.1	72.5	62.1	60.3	60.7	60.4	61.6	62.6
Children in married-couple families, total	—	—	31.2	31.0	26.4	27.0	26.6	26.3	28.3	29.9
Related children ages 0–5	—	—	34.3	33.2	29.1	30.1	30.1	28.9	31.2	33.7
Related children ages 6–17	—	—	29.5	29.9	25.1	25.4	24.8	24.9	26.8	27.9
White, non-Hispanic	—	—	25.2	23.3	18.2	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	18.1	17.7	17.4	19.0	20.3
Black	—	—	44.6	39.1	35.9	—	—	—	—	—
Black-alone	—	—	—	—	—	35.7	34.9	33.2	34.0	39.2
Hispanic	—	—	62.0	65.9	55.4	54.1	53.3	52.1	54.3	55.1

See notes at end of table.

Table ECON1.A (cont.) **Child poverty: Percentage of all children and related children[a] ages 0–17 living below selected poverty levels by selected characteristics, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Children in female-householder families, no husband present, total	—	—	77.0	76.0	69.4	71.0	71.6	72.1	71.9	72.1
Related children ages 0–5	—	—	85.1	84.1	78.3	79.9	79.9	80.7	79.0	78.9
Related children ages 6–17	—	—	72.9	72.0	65.6	67.1	67.8	68.1	68.6	68.9
White, non-Hispanic	—	—	66.5	61.3	56.0	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	—	59.3	60.8	61.0	60.1	60.0
Black	—	—	85.6	86.8	78.6	—	—	—	—	—
Black-alone	—	—	—	—	—	78.8	79.0	79.5	79.5	79.0
Hispanic	—	—	88.9	88.3	82.4	80.3	79.7	81.0	80.2	80.6

— Not available.

[a] Related children are persons ages 0–17 who are related to the householder by birth, marriage, or adoption, but are not themselves householders, spouses, or reference persons.

[b] Includes children not related to the householder.

[c] For race and Hispanic-origin data in this table: From 1980 to 2002, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the Current Population Survey (CPS) asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2003, following the 1997 OMB standards for collecting and presenting data on race, the CPS asked respondents to choose one or more races from the following: White, Black or African American, Asian, American Indian or Alaska Native, or Native Hawaiian or Other Pacific Islander. All race groups discussed in this table from 2002 onward refer to people who indicated only one racial identity within the racial categories presented. People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Data from 2002 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[d] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

NOTE: The 2004 data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement (ASEC). Data for 1999, 2000, and 2001 use Census 2000 population controls. Data for 2000 onward are from the expanded Current Population Survey (CPS) sample. The poverty level is based on money income and does not include noncash benefits, such as food stamps. Poverty thresholds reflect family size and composition and are adjusted each year using the annual average Consumer Price Index level. In 2009, the poverty threshold for a two-parent, two-child family was $21,756. The levels shown here are derived from the ratio of the family's income to the family's poverty threshold. For more detail, see U.S. Census Bureau, Series P–60, no. 238, http://www.census.gov/prod/2010pubs/p60-238.pdf. For historical data, see http://www.census.gov/hhes/www/poverty/data/historical/people.html.

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements.

Table ECON1.B **Income distribution: Percentage of related children ages 0–17 by family income relative to the poverty line, selected years 1980–2009**

Poverty level	1980	1985	1990	1995	2000	2002	2004	2005	2006	2007	2008	2009
Extreme poverty	6.6	8.1	8.3	7.9	6.3	6.6	7.2	7.2	7.1	7.4	8.1	8.7
Below poverty, but above extreme poverty	11.3	12.0	11.6	12.2	9.4	9.7	10.1	9.9	9.9	10.2	10.4	11.4
Low income	24.0	22.8	21.8	22.5	21.3	21.5	21.4	21.3	21.5	21.1	21.5	21.6
Medium income	41.4	37.7	37.0	34.5	34.0	32.7	32.3	32.1	31.6	31.8	31.7	30.7
High income	16.8	19.4	21.3	22.9	29.0	29.6	28.9	29.5	29.9	29.5	28.3	27.6
Very high income	4.3	6.1	7.4	8.9	12.6	12.9	12.9	13.5	13.8	13.4	12.9	12.7

NOTE: The 2004 data have been revised to reflect a correction to the weights in the 2005 Annual Social and Economic Supplement (ASEC). Data for 1999, 2000, and 2001 use Census 2000 population controls. Data for 2000 onward are from the expanded Current Population Survey (CPS) sample. Estimates refer to children who are related to the householder and who are ages 0–17. The income classes are derived from the ratio of the family's income to the family's poverty threshold. Extreme poverty is less than 50 percent of the poverty threshold (i.e., $10,877 for a family of four with 2 related children in 2009). Below poverty, but above extreme poverty is between 50 and 99 percent of the poverty threshold (i.e., between $10,878 and $21,755 for a family of four with 2 related children in 2009). Low income is between 100 and 199 percent of the poverty threshold (i.e., between $21,756 and $43,511 for a family of four with 2 related children in 2009). Medium income is between 200 and 399 percent of the poverty threshold (i.e., between $43,512 and $87,023 for a family of four with 2 related children in 2009). High income is 400 percent of the poverty threshold or more (i.e., $87,024 or more for a family of four with 2 related children in 2009). Very high income is 600 percent of the poverty threshold and over (i.e., $130,536 or more for a family of four with 2 related children in 2009). [These income categories are similar to those used in the Economic report for the President (1998). A similar approach is found in Hernandez, D.J. (1993). A*merica's children: Resources from family, government, and the economy.* New York: Russell Sage Foundation for the National Committee for Research on the 1980 Census, except that Hernandez uses the relationship to median income to define his categories. The medium- and high-income categories are similar for either method.]

SOURCE: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplements.

Table ECON2 **Secure parental employment: Percentage of children ages 0–17 living with at least one parent employed year round, full time[a] by family structure, race and Hispanic origin, poverty status, and age, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
All children living with parent(s)[b]												
Total	70	70	72	74	80	77	78	78	78	77	75	72
Race and Hispanic origin[c]												
White, non-Hispanic	75	77	79	81	85	82	82	84	83	82	81	79
Black, non-Hispanic	50	48	50	54	66	61	62	62	64	64	61	58
Hispanic	59	55	60	61	72	71	73	74	74	72	68	62
Poverty status												
Below 100% poverty	21	20	22	25	34	30	33	32	33	32	30	26
100% poverty and above	81	82	85	86	88	86	87	88	88	87	85	83
Age												
Ages 0–5	67	67	68	69	76	73	74	75	75	73	71	67
Ages 6–17	72	72	74	76	81	79	79	80	80	79	77	74
Children living in families maintained by two married parents												
Total	80	81	85	87	90	88	88	89	89	89	86	83
Race and Hispanic origin[c]												
White, non-Hispanic	81	83	86	89	92	90	90	91	91	90	89	87
Black, non-Hispanic	73	76	84	85	90	85	86	85	86	87	84	82
Hispanic	71	70	74	77	85	82	84	85	85	84	80	74
Poverty status												
Below 100% poverty	38	37	44	46	58	52	55	57	58	54	51	44
100% poverty and above	84	87	89	91	93	91	92	92	92	92	90	88
Age												
Ages 0–5	76	79	83	86	89	86	86	87	87	87	84	80
Ages 6–17	81	82	85	87	91	88	89	90	90	90	88	85
With both parents working year round, full time	17	20	25	28	33	29	30	31	32	32	31	29
Children living in families maintained by single mothers[d]												
Total	33	32	33	38	49	47	47	48	48	47	45	44
Race and Hispanic origin[c]												
White, non-Hispanic	39	39	40	46	53	52	49	52	51	49	48	47
Black, non-Hispanic	28	25	27	33	49	44	45	45	46	48	45	42
Hispanic	22	22	24	27	38	43	45	45	46	44	40	40
Poverty status												
Below 100% poverty	7	7	9	14	20	17	19	17	19	20	16	16
100% poverty and above	59	59	60	61	67	69	67	70	70	68	67	66
Age												
Ages 0–5	20	20	21	24	36	34	34	37	37	36	33	34
Ages 6–17	38	37	40	45	55	53	52	53	54	53	51	48

See notes at end of table.

Table ECON2 (cont.) **Secure parental employment: Percentage of children ages 0–17 living with at least one parent employed year round, full time[a] by family structure, race and Hispanic origin, poverty status, and age, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009
Children living in families maintained by single fathers[d]												
Total	57	60	64	67	69	63	68	71	67	66	61	54
Race and Hispanic origin[c]												
White, non-Hispanic	61	62	68	72	74	66	70	74	70	68	64	59
Black, non-Hispanic	41	59	53	64	52	54	61	65	64	62	56	48
Hispanic	53	53	59	58	68	63	69	67	64	61	56	47
Poverty status												
Below 100% poverty	15	23	21	24	21	27	26	32	26	28	22	17
100% poverty and above	68	69	74	79	79	73	78	80	78	76	71	67
Age												
Ages 0–5	48	57	58	54	65	56	62	66	61	61	56	46
Ages 6–17	59	62	67	74	70	65	71	73	70	69	63	58

[a] Year-round, full-time employment is defined as usually working full time (35 hours or more per week) for 50 to 52 weeks.

[b] Total children living with parent(s) (in thousands)	60,683	61,264	63,351	68,090	69,126	70,089	70,210	70,292	71,229	71,285	71,256	71,697
Total living with relatives but not with parent(s) (in thousands)	1,954	1,379	1,455	2,160	2,212	2,380	2,528	2,419	2,017	2,256	2,356	2,389

[c] For data from 1980 to 2002, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Included in the total, but not shown separately, are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and Two or more races. From 2003 onward, people who responded to the question on race indicated only one race unless otherwise specified. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[d] Includes some families where both parents are present in the household, but living as unmarried partners.

SOURCE: Bureau of Labor Statistics, Current Population Survey, Annual Social and Economic Supplements.

Table ECON3 **Food insecurity: Percentage of children ages 0–17 in food-insecure households by severity of food insecurity and selected characteristics, selected years 1995–2009**

Characteristic	1995[a]	1999	2001	2002	2003	2004	2005	2006	2007	2008	2009
All children											
In food-insecure households[b]	19.4	16.9	17.6	18.1	18.2	19.0	16.9	17.2	16.9	22.5	23.2
In households with very low food security among children[c]	1.3	0.7	0.6	0.8	0.6	0.7	0.8	0.6	0.9	1.5	1.3
Poverty status											
Below 100% poverty											
In food-insecure households[b]	44.4	44.0	45.9	45.6	45.2	47.1	42.5	43.6	42.9	51.5	51.2
In households with very low food security among children[c]	3.4	2.2	2.6	2.4	2.0	2.5	2.9	2.1	3.0	4.3	4.2
100–199% poverty											
In food-insecure households[b]	25.4	23.4	27.1	28.4	29.6	28.0	26.4	26.7	27.5	33.7	34.5
In households with very low food security among children[c]	1.4	0.9	0.8	1.2	0.9	1.1	0.8	0.8	1.2	2.1	1.8
200% poverty and above											
In food-insecure households[b]	4.8	5.2	5.5	6.0	6.2	6.2	6.0	6.1	6.1	8.9	9.1
In households with very low food security among children[c]	0.2	0.2	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.3	0.2
Race and Hispanic origin[d]											
White, non-Hispanic											
In food-insecure households[b]	14.0	11.0	11.9	12.6	12.0	13.0	12.2	11.8	11.9	16.0	16.7
In households with very low food security among children[c]	0.8	0.4	0.2	0.4	0.2	0.4	0.5	0.3	0.5	0.6	0.7
Black, non-Hispanic											
In food-insecure households[b]	30.6	28.6	29.6	29.4	30.8	31.2	29.2	29.3	26.1	34.0	34.6
In households with very low food security among children[c]	2.3	1.0	1.4	1.3	1.0	1.3	1.9	1.5	1.8	3.2	2.3
Hispanic											
In food-insecure households[b]	33.9	29.2	28.6	29.2	30.8	29.6	23.7	26.0	26.7	33.9	34.9
In households with very low food security among children[c]	2.6	1.3	1.3	1.6	1.6	1.2	1.2	0.7	1.9	2.7	2.5
Region[e]											
Northeast											
In food-insecure households[b]	16.8	13.9	13.2	15.2	15.9	14.7	14.1	14.3	14.6	19.7	19.5
In households with very low food security among children[c]	0.8	0.3	0.8	0.7	0.5	0.5	1.0	0.5	0.7	1.3	1.8
South											
In food-insecure households[b]	20.5	17.9	19.9	20.2	19.3	20.2	18.0	19.3	18.3	24.3	25.1
In households with very low food security among children[c]	1.3	0.7	0.6	0.9	0.7	0.9	0.7	0.6	0.9	1.3	1.2
Midwest											
In food-insecure households[b]	16.2	14.2	14.0	15.8	16.5	17.6	15.8	16.5	15.4	21.1	21.7
In households with very low food security among children[c]	0.8	0.6	0.5	0.3	0.3	0.7	0.6	0.6	0.9	1.1	0.6
West											
In food-insecure households[b]	23.2	20.3	20.9	19.5	19.8	21.7	18.1	16.7	17.7	23.0	23.9
In households with very low food security among children[c]	2.1	1.2	0.7	1.1	0.6	0.8	1.1	0.6	1.2	2.1	1.9
Parental education											
Parent or guardian with highest education less than high school or GED											
In food-insecure households[b]	41.8	40.5	37.6	41.4	37.7	39.8	37.3	39.2	38.2	46.2	42.6
In households with very low food security among children[c]	3.0	2.0	1.1	1.8	1.4	1.2	1.4	2.3	2.4	2.8	3.2

See notes at end of table.

Table ECON3 (cont.) **Food insecurity: Percentage of children ages 0–17 in food-insecure households by severity of food insecurity and selected characteristics, selected years 1995–2009**

Characteristic	1995[a]	1999	2001	2002	2003	2004	2005	2006	2007	2008	2009
Parental education—continued											
Parent or guardian with highest education high school or GED											
In food-insecure households[b]	24.9	24.2	25.9	25.1	26.7	27.7	25.1	25.2	23.7	33.6	34.2
In households with very low food security among children[c]	1.2	0.7	1.1	1.2	0.8	1.3	0.9	0.8	1.6	2.6	2.0
Parent or guardian with highest education some college, including vocational/technical or associate's degree											
In food-insecure households[b]	18.9	15.6	17.5	18.8	19.2	20.7	18.3	19.3	18.7	25.6	27.0
In households with very low food security among children[c]	1.5	0.9	0.5	0.8	0.7	0.9	1.1	0.5	1.0	1.6	1.6
Parent or guardian with highest education bachelor's degree or higher											
In food-insecure households[b]	5.1	4.4	5.3	5.6	6.1	5.5	4.9	4.7	5.8	7.4	9.0
In households with very low food security among children[c]	0.4	0.2	0.2	0.2	0.1	0.1	0.3	0.1	0.1	0.3	0.3
Family structure											
Married-couple household											
In food-insecure households[b]	13.3	11.5	12.6	12.0	12.3	13.0	11.3	11.5	11.8	15.8	17.1
In households with very low food security among children[c]	0.8	0.4	0.3	0.4	0.2	0.5	0.5	0.2	0.6	0.8	0.9
Female-headed household, no spouse											
In food-insecure households[b]	38.6	33.4	33.5	35.5	34.5	35.8	32.8	33.3	31.8	39.9	38.4
In households with very low food security among children[c]	2.8	1.6	1.7	1.8	1.8	1.5	1.7	1.6	2.0	3.2	2.7
Male-headed household, no spouse											
In food-insecure households[b]	21.0	18.8	17.1	23.0	24.3	24.0	18.4	19.5	20.5	30.0	28.6
In households with very low food security among children[c]	1.1	0.8	0.9	1.1	0.7	1.0	0.7	0.6	0.6	2.0	1.0

[a] Statistics for 1995 are not precisely comparable with those for more recent years, due to a change in the method of screening Current Population Survey (CPS) sample households into the food security questions. The effect on 1995 statistics (a slight downward bias) is perceptible only for the category "In food-insecure households." Statistics for 1996, 1997, 1998, and 2000 are omitted because they are not directly comparable with those for the other years.

[b] Either adults or children or both were food insecure. At times they were unable to acquire adequate food for active, healthy living for all household members because they had insufficient money and other resources for food.

[c] In these households, eating patterns of one or more children were disrupted, and their food intake was reduced below a level considered adequate by their caregiver. Prior to 2006, the category "with very low food security among children" was labeled "food insecure with hunger among children." USDA introduced the new label based on recommendations by the Committee on National Statistics.

[d] Race and Hispanic origin are those of the household reference person. From 1995 to 2002, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. Beginning in 2003, the revised 1997 OMB standards were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total, but not shown separately, are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." From 2003 onward, statistics for White, non-Hispanics and Black, non-Hispanics exclude persons who indicated "Two or more races." Statistics by race and ethnicity from 2003 onward are not directly comparable with statistics for earlier years, although examination of the size and food security prevalence rates of the multiple-race categories suggests that effects of the reclassification on food security prevalence statistics were small. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[e] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

NOTE: The food security measure is based on data collected annually in the Food Security Supplement to the CPS. The criteria for classifying households as food insecure reflect a consensus judgment of an expert working group on food security measurement. For detailed explanations, see Bickel, G., et al., Revised 2000, *Guide to measuring household food security,* Food and Nutrition Service; and Nord, M., et al., 2010, *Household food security in the United States, 2009* (ERR-108), Economic Research Service.

SOURCE: U.S. Census Bureau, Current Population Survey Food Security Supplement; tablulated by Department of Agriculture, Economic Research Service and Food and Nutrition Service.

Table HC1 **Health insurance coverage: Percentage of children ages 0–17 covered by health insurance at some time during the year[a] by type of health insurance and selected characteristics, selected years 1987–2009**

Characteristic	1987	1990	1995	2000	2005	2006	2007	2008	2009
Any health insurance									
Total	87.1	87.0	86.2	88.4	89.1	88.3	89.0	90.1	90.0
Gender									
Male	87.1	86.9	86.3	88.4	88.9	87.9	89.1	90.0	90.0
Female	87.1	87.0	86.2	88.4	89.3	88.7	89.0	90.2	90.0
Age									
Ages 0–5	87.6	88.5	86.7	88.8	89.6	88.7	89.5	91.3	90.8
Ages 6–11	87.3	87.0	86.5	88.7	90.1	88.9	89.7	90.8	90.5
Ages 12–17	86.4	85.2	85.5	87.7	87.8	87.4	88.0	88.4	88.7
Race and Hispanic origin[b]									
White, non-Hispanic	90.3	90.0	89.5	92.8	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	93.0	92.7	92.7	93.3	93.0
Black	83.1	85.4	84.7	86.3	—	—	—	—	—
Black-alone	—	—	—	—	88.2	85.9	87.8	89.3	88.5
Hispanic	71.5	71.6	73.2	75.1	78.5	77.9	80.0	82.8	83.2
Region[c]									
Northeast	92.4	92.0	89.4	91.8	92.4	91.5	91.8	93.0	93.1
South	82.1	82.9	82.9	86.0	87.0	85.2	85.6	93.7	92.4
Midwest	92.3	91.1	90.5	91.9	92.5	92.8	92.9	87.7	87.5
West	84.6	84.3	84.3	86.3	86.9	86.9	89.0	88.8	89.5
Private health insurance									
Total	73.6	71.1	66.1	70.2	65.8	64.6	64.2	63.5	60.4
Gender									
Male	73.4	71.1	66.4	70.1	65.7	64.5	64.4	63.7	60.5
Female	73.9	71.2	65.8	70.3	66.0	64.8	63.9	63.2	60.2
Age									
Ages 0–5	71.7	68.2	60.4	66.5	61.4	60.5	59.3	58.7	55.3
Ages 6–11	74.3	72.5	67.2	70.4	66.6	65.4	65.4	64.4	61.3
Ages 12–17	75.1	73.0	71.0	73.5	69.2	67.9	67.8	67.4	64.6
Race and Hispanic origin[b]									
White, non-Hispanic	83.2	80.8	78.0	81.4	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	78.1	76.9	76.9	76.5	74.0
Black	49.2	48.5	43.9	53.9	—	—	—	—	—
Black-alone	—	—	—	—	48.7	49.0	48.1	46.8	43.3
Hispanic	47.9	44.9	38.3	45.2	42.0	40.9	40.4	40.6	36.8
Region[c]									
Northeast	79.4	76.7	71.2	73.7	71.2	70.3	69.4	68.6	66.2
South	68.1	66.4	61.0	66.5	61.2	59.6	58.6	69.7	66.1
Midwest	79.4	76.0	74.4	78.6	72.8	71.7	70.4	59.0	56.2
West	71.2	68.3	61.2	65.4	62.6	62.0	63.5	61.3	57.7

See notes at end of table.

Table HC1 (cont.) **Health insurance coverage: Percentage of children ages 0–17 covered by health insurance at some time during the year[a] by type of health insurance and selected characteristics, selected years 1987–2009**

Characteristic	1987	1990	1995	2000	2005	2006	2007	2008	2009
Public health insurance[d]									
Total	19.0	21.9	26.4	24.4	29.6	29.8	31.0	33.2	36.8
Gender									
Male	19.2	22.1	26.2	24.7	29.6	29.6	31.0	33.1	36.5
Female	18.8	21.7	26.6	24.2	29.7	30.1	31.0	33.4	37.0
Age									
Ages 0–5	22.1	27.6	32.6	29.2	34.7	34.7	36.4	39.4	42.6
Ages 6–11	18.6	20.0	25.6	24.5	29.8	29.5	30.4	32.9	36.5
Ages 12–17	16.1	17.5	20.5	19.8	24.7	25.5	26.2	27.3	31.2
Race and Hispanic origin[b]									
White, non-Hispanic	12.1	14.7	17.5	17.2	—	—	—	—	—
White-alone, non-Hispanic	—	—	—	—	21.2	22.0	22.0	23.1	26.2
Black	42.1	45.5	48.8	41.9	—	—	—	—	—
Black-alone	—	—	—	—	48.0	44.0	47.7	51.0	53.8
Hispanic	28.2	31.9	39.0	34.6	41.4	42.3	44.2	47.9	52.0
Region[c]									
Northeast	17.9	20.9	23.4	24.3	27.2	27.0	27.9	30.9	33.8
South	19.7	23.0	28.2	25.8	32.8	31.9	33.4	30.9	33.9
Midwest	18.2	20.0	22.7	19.1	26.0	27.5	29.2	35.4	38.5
West	19.9	23.2	29.8	27.3	30.1	30.8	30.9	33.6	38.8

— Not available.

[a] Children are considered to be covered by health insurance if they had public or private coverage at any time during the year. Some children are covered by both types of insurance; hence, the sum of public and private is greater than the total.

[b] For race and Hispanic-origin data in this table: From 1987 to 2002, following the 1977 Office of Management and Budget (OMB) standards for collecting and presenting data on race, the Current Population Survey (CPS) asked respondents to choose one race from the following: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The Census Bureau also offered an "Other" category. Beginning in 2003, following the 1997 OMB standards for collecting and presenting data on race, the CPS asked respondents to choose one or more races from the following: White, Black, Asian, American Indian or Alaska Native, and Native Hawaiian or Other Pacific Islander. All race groups discussed in this table from 2002 onward refer to people who indicated only one racial identity within the racial categories presented. People who responded to the question on race by indicating only one race are referred to as the race-alone population. The use of the race-alone population in this table does not imply that it is the preferred method of presenting or analyzing data. Data from 2002 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[c] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

[d] Public health insurance for children consists mostly of Medicaid, but also includes Medicare, the Children's Health Insurance Programs (CHIP), and Tricare.

NOTE: The data from 1996 to 2004 have been revised since initially published. For more information, see user note at: http://www.census.gov/hhes/www/hlthins/data/usernote/index.html. Estimates beginning in 1999 include follow-up questions to verify health insurance status and use the Census 2000-based weights.

SOURCE: U.S. Census Bureau, unpublished tables based on analyses from the Current Population Survey, Annual Social and Economic Supplements.

Table HC2 **Usual source of health care: Percentage of children ages 0–17 with no usual source of health care[a] by age, type of health insurance, and poverty status, selected years 1993–2009**

Characteristic	1993	1995	2000[b]	2001[b]	2002[b]	2003[b]	2004[b]	2005[b]	2006[b,c]	2007[b,c]	2008[b,c]	2009[b,c]
Ages 0–17												
Total	8.0	6.5	7.0	5.8	6.1	5.4	5.4	5.3	5.6	6.0	5.7	5.5
Type of insurance												
Private insurance[d]	3.9	3.2	3.4	2.4	2.6	2.2	2.5	2.0	2.2	2.9	2.7	2.4
Public insurance[d,e]	10.8	6.8	4.8	5.4	5.6	4.4	4.7	3.8	4.1	4.6	4.3	4.5
No insurance	24.3	22.5	29.7	28.0	29.6	28.8	28.9	31.6	29.7	32.2	30.2	28.6
Poverty status[f]												
Below 100% poverty	15.7	10.9	12.4	12.3	11.0	10.3	10.9	8.6	8.6	9.6	8.2	8.9
100–199% poverty	9.1	8.6	10.9	8.6	9.0	7.9	7.6	7.8	8.4	8.9	10.0	6.7
200% poverty and above	3.8	3.6	4.0	2.9	3.6	2.9	3.0	3.4	3.3	3.7	3.2	3.7
Ages 0–5												
Total	5.5	4.4	4.6	4.1	4.6	3.5	3.3	3.3	3.9	3.5	4.1	4.6
Type of insurance												
Private insurance[d]	2.0	1.7	2.3	1.5	1.3	1.3	1.4	0.9	1.3	1.8	1.6	1.8
Public insurance[d,e]	7.6	5.1	3.2	4.4	3.6	3.0	3.6	2.9	3.3	2.7	3.7	4.1
No insurance	19.4	17.3	19.6	22.2	27.8	22.6	17.1	22.8	23.5	22.2	21.6	23.2
Poverty status[f]												
Below 100% poverty	11.2	7.9	6.9	8.4	8.1	6.2	6.4	5.0	6.1	4.9	7.0	7.8
100–199% poverty	6.2	6.0	7.9	6.5	7.4	5.8	4.0	4.4	5.9	5.3	5.6	4.5
200% poverty and above	1.8	1.9	2.6	1.8	2.3	1.5	1.8	2.2	2.0	2.0	2.3	3.0
Ages 6–17												
Total	9.4	7.5	8.1	6.6	6.8	6.3	6.5	6.3	6.4	7.3	6.5	6.0
Type of insurance												
Private insurance[d]	4.9	3.9	3.9	2.9	3.1	2.5	2.9	2.4	2.6	3.4	3.1	2.7
Public insurance[d,e]	13.8	8.4	6.0	6.0	6.9	5.4	5.5	4.4	4.6	5.9	4.7	4.7
No insurance	26.5	24.8	34.5	30.3	30.3	30.9	33.5	34.7	31.9	35.5	34.0	30.5
Poverty status[f]												
Below 100% poverty	18.7	12.8	15.6	14.4	12.6	12.6	13.5	10.8	10.1	12.8	9.0	9.6
100–199% poverty	10.8	10.0	12.5	9.7	9.8	9.1	9.4	9.4	9.7	10.9	12.4	7.8
200% poverty and above	4.8	4.4	4.6	3.4	4.2	3.5	3.5	3.9	3.9	4.4	3.5	4.0

[a] Excludes emergency rooms as a usual source of health care.

[b] In 1997, the National Health Interview Survey (NHIS) was redesigned. Data for 1997–2009 are not strictly comparable with earlier data.

[c] In 2006, the NHIS underwent a sample resdesign. The impact of the new sample design on estimates is expected to be minimal.

[d] Children with both public and private insurance coverage are placed in the private insurance category.

[e] As defined here, public health insurance for children consists mostly of Medicaid or other public assistance programs, including state plans. Beginning in 1999, the public health insurance category also includes the Children's Health Insurance Program (CHIP). It does not include children with only Medicare, Tricare, or CHAMAP-VA.

[f] Starting with *America's Children, 2008,* imputed family income was used for data years 1993 and beyond. Missing family income data were imputed for approximately 20–30 percent of children ages 0–17 in 1993–2009. Therefore, estimates by poverty for 1993–2006 may differ from those in previous editions.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Table HC3.A **Immunization: Percentage of children ages 19–35 months vaccinated for selected diseases by poverty status[a] and race and Hispanic origin,[b] selected years 2002–2009**

Characteristic	Total					Below 100% poverty					100% poverty and above				
	2002	2003	2005	2007	2009[c]	2002	2003	2005	2007	2009[c]	2002	2003	2005	2007	2009[c]
Total															
Combined series (4:3:1:3:3:1)[d]	65.5	72.5	76.1	77.4	69.9	61.6	69.7	73.9	75.0	68.4	66.3	73.6	77.2	78.2	70.4
Combined series (4:3:1:3:3)[e]	74.8	79.4	80.8	80.1	71.9	69.3	75.0	77.4	76.9	69.5	76.2	81.3	82.5	81.4	72.7
Combined series (4:3:1:3)[f]	77.5	81.3	82.4	81.8	73.4	71.8	76.2	79.2	78.8	70.6	79.0	83.3	84.1	82.9	74.4
Combined series (4:3:1)[g]	78.5	82.2	83.1	82.8	—	72.8	77.2	79.6	79.8	—	80.0	84.1	84.8	84.0	—
DTP (4 doses or more)[h]	81.6	84.8	85.7	84.5	83.9	75.4	79.7	81.8	81.1	80.1	83.5	86.8	87.4	85.9	85.7
Polio (3 doses or more)[i]	90.2	91.6	91.7	92.6	92.8	88.3	89.1	89.7	91.9	92.0	90.6	92.5	92.4	92.8	93.3
MMR (1 dose or more)[j]	91.6	93.0	91.5	92.3	90.0	90.2	92.0	89.3	91.3	88.8	91.9	93.4	92.1	92.6	90.6
Hib (3 doses or more)[k]	93.1	93.9	93.9	92.6	83.6	90.1	91.1	91.9	91.0	82.0	93.9	95.0	94.6	93.1	84.3
Hepatitis B (3 doses or more)	89.9	92.4	92.9	92.7	92.4	87.7	91.1	91.4	92.1	92.3	90.3	93.2	93.5	92.9	92.7
Varicella (1 dose or more)[l]	80.6	84.8	87.9	90.0	89.6	78.9	84.4	87.3	89.2	89.0	80.9	85.0	87.7	90.1	90.2
PCV (3 doses or more)[m]	40.8	68.1	82.8	90.0	92.6	33.2	62.2	78.3	89.0	91.2	43.4	70.6	84.4	90.3	93.5
PCV (4 doses or more)[m]	—	—	53.7	75.3	80.4	—	—	44.6	72.8	74.8	—	—	57.1	76.3	83.2
Hepatitis A (2 doses or more)[n]	—	—	—	—	46.6	—	—	—	—	47.3	—	—	—	—	46.2
Rotavirus (2 doses or more)[o]	—	—	—	—	43.9	—	—	—	—	37.7	—	—	—	—	47.1
White, non-Hispanic															
Combined series (4:3:1:3:3:1)[d]	66.2	73.9	76.0	77.5	69.2	58.9	69.2	70.3	69.8	67.7	67.0	74.5	77.2	78.5	69.4
Combined series (4:3:1:3:3)[e]	77.7	82.5	82.1	81.0	71.9	70.0	77.4	76.3	73.0	70.1	78.4	83.1	83.4	82.0	72.1
Combined series (4:3:1:3)[f]	80.2	84.3	83.6	82.6	73.9	71.8	78.9	77.5	74.9	72.0	81.0	85.0	84.8	83.5	74.1
Combined series (4:3:1)[g]	81.2	85.0	84.0	83.3	—	73.0	79.9	77.7	75.2	—	82.0	85.6	85.3	84.3	—
DTP (4 doses or more)[h]	84.4	87.5	87.1	85.3	85.8	74.6	82.0	81.4	77.0	81.2	85.5	88.1	88.1	86.3	86.6
Polio (3 doses or more)[i]	91.2	93.0	91.4	92.6	93.3	88.0	90.8	87.4	86.1	92.0	91.5	93.3	92.3	93.5	93.5
MMR (1 dose or more)[j]	92.6	93.2	91.4	92.1	90.8	90.4	89.7	86.7	88.3	89.7	92.9	93.5	92.1	92.4	91.0
Hib (3 doses or more)[k]	94.1	95.1	94.2	92.9	82.9	88.4	90.9	89.4	86.7	80.1	94.7	95.7	95.1	93.8	83.3
Hepatitis B (3 doses or more)	90.9	93.2	93.1	92.5	92.3	85.9	90.6	90.2	87.8	91.3	91.5	93.6	93.6	93.2	92.6
Varicella (1 dose or more)[l]	79.4	83.8	86.1	89.2	89.2	75.0	79.5	82.3	85.1	87.4	80.2	84.6	86.6	89.8	89.8
PCV (3 doses or more)[m]	43.5	70.9	83.2	89.8	93.2	31.3	58.8	76.4	84.9	90.6	45.6	72.7	84.3	90.4	93.8
PCV (4 doses or more)[m]	—	—	57.3	76.6	83.4	—	—	46.6	69.4	77.0	—	—	59.3	77.6	84.7
Hepatitis A (2 doses or more)[n]	—	—	—	—	46.2	—	—	—	—	43.1	—	—	—	—	46.7
Rotavirus (2 doses or more)[o]	—	—	—	—	46.4	—	—	—	—	35.8	—	—	—	—	48.5
Black, non-Hispanic															
Combined series (4:3:1:3:3:1)[d]	61.7	68.4	76.3	75.3	66.6	59.3	63.7	73.5	74.4	63.6	62.1	71.9	80.1	76.5	71.2
Combined series (4:3:1:3:3)[e]	67.7	73.0	79.3	77.5	67.9	65.9	68.9	75.8	75.9	63.8	68.3	76.8	83.0	79.6	73.1
Combined series (4:3:1:3)[f]	70.7	75.2	80.5	79.5	68.9	68.4	70.2	76.8	77.9	65.0	71.7	78.8	83.8	82.0	74.0
Combined series (4:3:1)[g]	71.6	76.7	81.4	81.0	—	69.3	71.6	77.8	79.7	—	72.6	80.2	84.2	83.4	—
DTP (4 doses or more)[h]	75.8	79.9	84.0	82.3	78.6	73.5	74.6	79.7	81.0	75.5	77.3	83.9	87.5	84.2	83.6
Polio (3 doses or more)[i]	87.4	89.2	91.0	91.1	90.9	87.0	86.0	89.0	91.2	89.8	87.1	91.4	92.6	91.3	94.0
MMR (1 dose or more)[j]	90.3	92.1	91.9	91.5	88.2	89.8	91.3	91.3	90.2	86.7	90.2	92.5	92.8	93.4	91.8
Hib (3 doses or more)[k]	91.6	92.4	92.9	90.8	80.4	88.3	90.0	91.6	89.4	77.7	93.9	94.6	94.8	92.2	83.9
Hepatitis B (3 doses or more)	88.0	91.6	92.7	91.2	91.6	88.6	91.5	92.7	91.6	91.8	87.7	92.2	94.1	91.0	92.8
Varicella (1 dose or more)[l]	82.7	85.4	90.6	89.8	88.2	79.7	83.7	91.0	89.3	87.5	83.6	86.1	90.8	90.8	91.5
PCV (3 doses or more)[m]	33.9	62.3	79.6	89.5	91.5	30.2	61.3	76.8	87.8	89.7	37.5	63.7	82.2	91.4	95.4
PCV (4 doses or more)[m]	—	—	46.2	70.3	73.2	—	—	42.7	66.1	70.0	—	—	48.1	74.4	78.1
Hepatitis A (2 doses or more)[n]	—	—	—	—	41.3	—	—	—	—	40.1	—	—	—	—	42.5
Rotavirus (2 doses or more)[o]	—	—	—	—	38.0	—	—	—	—	32.6	—	—	—	—	44.6

See notes at end of table.

Table HC3.A (cont.) **Immunization: Percentage of children ages 19–35 months vaccinated for selected diseases by poverty status[a] and race and Hispanic origin,[b] selected years 2002–2009**

Characteristic	Total					Below 100% poverty					100% poverty and above				
	2002	2003	2005	2007	2009[c]	2002	2003	2005	2007	2009[c]	2002	2003	2005	2007	2009[c]
Hispanic															
Combined series (4:3:1:3:3:1)[d]	66.0	71.3	75.6	78.0	72.8	66.0	73.1	75.6	77.7	71.2	65.5	70.3	74.8	78.5	73.6
Combined series (4:3:1:3:3)[e]	72.7	77.0	78.8	79.8	73.9	71.8	76.8	78.3	79.0	72.3	72.9	78.3	79.1	80.9	74.7
Combined series (4:3:1:3)[f]	75.5	78.7	81.2	81.5	74.7	74.8	77.6	80.9	80.9	73.0	75.6	80.6	81.9	82.5	75.3
Combined series (4:3:1)[g]	76.5	79.3	81.8	82.4	—	75.6	78.7	81.0	81.9	—	76.6	80.9	82.7	83.5	—
DTP (4 doses or more)[h]	79.2	81.9	83.6	83.8	82.9	77.9	81.1	82.5	82.9	86.6	79.7	83.5	84.9	85.2	83.0
Polio (3 doses or more)[i]	90.4	90.1	92.3	93.0	92.5	89.3	89.3	91.5	95.3	93.5	90.7	91.5	92.3	90.4	91.5
MMR (1 dose or more)[j]	90.5	92.7	91.1	92.6	89.3	90.8	93.4	89.5	92.9	91.0	89.0	93.4	91.4	92.1	88.4
Hib (3 doses or more)[k]	92.4	93.1	94.2	93.5	86.4	93.1	91.7	93.6	93.9	85.0	92.2	95.1	93.9	92.9	87.9
Hepatitis B (3 doses or more)	89.5	91.2	92.7	93.6	92.6	89.0	90.7	91.5	94.5	92.6	88.9	92.8	92.8	92.6	92.4
Varicella (1 dose or more)[l]	81.8	85.7	89.2	90.6	90.7	82.4	87.8	88.4	91.2	89.8	80.6	84.7	88.8	89.3	90.8
PCV (3 doses or more)[m]	37.4	65.5	83.5	91.0	92.7	35.1	65.1	80.0	91.6	93.8	37.6	67.4	86.0	90.3	91.9
PCV (4 doses or more)[m]	—	—	50.5	75.4	80.6	—	—	44.7	77.5	84.7	—	—	53.8	73.3	82.1
Hepatitis A (2 doses or more)[n]	—	—	—	—	49.3	—	—	—	—	52.1	—	—	—	—	52.1
Rotavirus (2 doses or more)[o]	—	—	—	—	43.7	—	—	—	—	42.0	—	—	—	—	46.0

— Not available.

[a] Based on family income and household size using Census Bureau poverty thresholds for the year of data collection.

[b] From 1996 to 2001, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. Beginning in 2002, the revised 1997 OMB Standards for Data on Race and Ethnicity were used. Persons could select one or more from the following racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Persons of Hispanic origin may be of any race. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races," due to the small sample size. Data on race and Hispanic origin are collected separately but combined for reporting.

[c] The 2009 series estimates were affected by the Hib vaccine shortage and the interim Advisory Committee on Immunization Practices (ACIP) recommendation to suspend the booster dose for healthy children from December 2007 to June 2009, a time when most children in the 2009 National Immunization Survey would have been eligible for the booster dose of the Hib vaccine.

[d] The 4:3:1:3:3:1 series consists of 4 doses (or more) of diphtheria, tetanus toxoids, and pertussis (DTP) vaccines, diphtheria and tetanus toxoids (DT), or diphtheria, tetanus toxoids, and any acellular pertussis (DTaP) vaccines; 3 doses (or more) of poliovirus vaccines; 1 dose (or more) of any measles-containing vaccine; 3 doses (or more) of *Haemophilus influenzae* type b (Hib) vaccines; 3 doses (or more) of hepatitis B vaccines; and 1 dose (or more) of varicella vaccine. The collection of coverage estimates for this series began in 2002. See footnote c concerning changes to Hib vaccine coverage in 2009.

[e] The 4:3:1:3:3 series consists of 4 doses (or more) of diphtheria, tetanus toxoids, and pertussis (DTP) vaccines, diphtheria and tetanus toxoids (DT), or diphtheria, tetanus toxoids, and any acellular pertussis (DTaP) vaccines; 3 doses (or more) of poliovirus vaccines; 1 dose (or more) of any measles-containing vaccine; 3 doses (or more) of *Haemophilus influenzae* type b (Hib) vaccines; and 3 doses (or more) of hepatitis B vaccines. See footnote c concerning changes to Hib vaccine coverage in 2009.

[f] The 4:3:1:3 series consists of 4 doses (or more) of diphtheria, tetanus toxoids, and pertussis (DTP) vaccines, diphtheria and tetanus toxoids (DT), or diphtheria, tetanus toxoids, and any acellular pertussis (DTaP) vaccines; 3 doses (or more) of poliovirus vaccines; 1 dose (or more) of any measles-containing vaccine; and 3 doses (or more) of *Haemophilus influenzae* type b (Hib) vaccines. See footnote c concerning changes to Hib vaccine coverage in 2009.

[g] The 4:3:1 series consists of 4 doses (or more) of diphtheria, tetanus toxoids, and pertussis (DTP) vaccines, diphtheria and tetanus toxoids (DT), or diphtheria, tetanus toxoids, and any acellular pertussis (DTaP) vaccines, 3 doses (or more) of poliovirus vaccines; and 1 dose (or more) of any measles-containing vaccine.

[h] Diphtheria, tetanus toxoids, and pertussis vaccine (4 doses or more of any diphtheria, tetanus toxoids, and pertussis vaccines, including diphtheria and tetanus toxoids, and any acellular pertussis vaccine).

[i] Poliovirus vaccine (3 doses or more).

[j] Measles-mumps-rubella (MMR) vaccine (1 dose or more) was used beginning in 2005. The previous coverage years reported measles-containing vaccines.

[k] *Haemophilus influenzae* type b (Hib) vaccine (3 doses or more).

[l] Varicella vaccine (1 dose or more) is recommended at any visit at or after age 12 months for susceptible children (i.e., those who lack a reliable history of chickenpox).

[m] The heptavalent pneumococcal conjugate vaccine (PCV) is recommended for all children less than 5 years old. The series consists of doses at ages 2, 4, and 6 months, and a booster dose at ages 12–15 months.

[n] Hepatitis A vaccine (2 doses or more) is recommended for all children ages 12–23 months. The Advisory Committee on Immunization Practices (ACIP) expanded this recommendation in May, 2006. NIS data prior to 2008 for children aged 19–35 months is not available for Hepatitis A vaccine.

[o] Estimates of rotavirus coverage reflect early vaccinations, primarily among children born during the first 2 years of the licensure of rotavirus vaccine.

SOURCE: Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases and National Center for Health Statistics, National Immunization Survey.

Table HC3.B **Immunization: Percentage of adolescents ages 13–17 vaccinated for selected diseases by poverty status[a] and race and Hispanic origin,[b] selected years 2006–2009**

Characteristic	Total				Below 100% poverty				100% poverty and above			
	2006[c]	2007[c]	2008	2009	2006[c]	2007[c]	2008	2009	2006[c]	2007[c]	2008	2009
Total												
MMR (2 doses or more)[d]	86.9	88.9	89.3	89.1	—	—	87.1	87.8	—	—	89.6	89.3
HepB (3 doses or more)[e]	81.3	87.6	87.9	89.9	—	—	86.7	88.3	—	—	88.0	90.3
Var (1 dose or more)[f]	65.5	75.7	81.9	87.0	—	—	77.0	82.9	—	—	82.9	87.6
Var (2 doses or more)[g]	—	—	34.1	48.6	—	—	35.8	46.2	—	—	33.9	48.7
Td or Tdap (1 dose or more)[h]	60.1	72.3	72.2	76.2	—	—	70.9	71.8	—	—	72.7	77.0
Tdap (1 dose or more)[i]	10.8	30.4	40.8	55.6	—	—	38.6	52.8	—	—	41.2	56.1
MenACWY (1 dose or more)[j]	11.7	32.4	41.8	53.6	—	—	40.8	52.5	—	—	42.0	63.8
HPV (1 dose or more)—females only[k]	—	25.1	37.2	44.3	—	—	46.4	51.9	—	—	35.8	42.5
HPV (3 doses or more)—females only[l]	—	—	17.9	26.7	—	—	14.9	25.5	—	—	18.6	26.8
White, non-Hispanic												
MMR (2 doses or more)[d]	—	—	89.9	90.2	—	—	89.2	86.7	—	—	89.7	90.4
HepB (3 doses or more)[e]	—	—	88.1	90.2	—	—	88.4	87.4	—	—	87.9	90.5
Var (1 dose or more)[f]	—	—	82.8	88.5	—	—	74.4	79.3	—	—	82.9	88.9
Var (2 doses or more)[g]	—	—	31.6	48.8	—	—	—	34.2	—	—	—	49.1
Td or Tdap (1 dose or more)[h]	—	—	71.6	76.5	—	—	64.5	68.6	—	—	72.3	77.1
Tdap (1 dose or more)[i]	—	—	41.7	55.8	—	—	32.8	49.5	—	—	42.5	56.1
MenACWY (1 dose or more)[j]	—	—	39.7	53.1	—	—	32.8	47.1	—	—	48.9	53.3
HPV (1 dose or more)—females only[k]	—	—	35.0	43.9	—	—	37.3	52.5	—	—	35.7	43.0
HPV (3 doses or more)—females only[l]	—	—	19.5	29.1	—	—	—	—	—	—	—	—
Black, non-Hispanic												
MMR (2 doses or more)[d]	—	—	89.1	86.3	—	—	89.1	84.4	—	—	88.6	86.9
HepB (3 doses or more)[e]	—	—	86.0	88.9	—	—	86.9	86.6	—	—	85.8	89.8
Var (1 dose or more)[f]	—	—	74.0	82.4	—	—	72.7	79.8	—	—	74.8	82.8
Var (2 doses or more)[g]	—	—	35.0	43.9	—	—	—	44.4	—	—	-	44.2
Td or Tdap (1 dose or more)[h]	—	—	71.4	72.5	—	—	68.9	69.5	—	—	71.9	74.8
Tdap (1 dose or more)[i]	—	—	36.0	52.7	—	—	39.0	47.7	—	—	33.4	55.6
MenACWY (1 dose or more)[j]	—	—	43.1	53.0	—	—	38.8	52.0	—	—	40.3	53.8
HPV (1 dose or more)—females only[k]	—	—	35.7	44.6	—	—	53.0	51.6	—	—	31.2	40.7
HPV (3 doses or more)—females only[l]	—	—	14.9	23.1	—	—	—	—	—	—	—	—

See notes at end of table.

Table HC3.B (cont.) **Immunization: Percentage of adolescents ages 13–17 vaccinated for selected diseases by poverty status[a] and race and Hispanic origin,[b] selected years 2006–2009**

Characteristic	Total				Below 100% poverty				100% poverty and above			
	2006[c]	2007[c]	2008	2009	2006[c]	2007[c]	2008	2009	2006[c]	2007[c]	2008	2009
Hispanic												
MMR (2 doses or more)[d]	—	—	87.5	87.6	—	—	83.9	90.6	—	—	90.4	85.4
HepB (3 doses or more)[e]	—	—	89.8	90.0	—	—	86.2	90.3	—	—	92.1	89.8
Var (1 dose or more)[f]	—	—	84.5	85.5	—	—	80.0	84.6	—	—	88.9	85.6
Var (2 doses or more)[g]	—	—	38.5	49.7	—	—	—	49.7	—	—	-	49.4
Td or Tdap (1 dose or more)[h]	—	—	74.1	76.7	—	—	74.8	74.2	—	—	75.7	77.4
Tdap (1 dose or more)[i]	—	—	41.9	55.6	—	—	40.4	55.8	—	—	44.0	54.8
MenACWY (1 dose or more)[j]	—	—	46.8	55.9	—	—	45.0	56.2	—	—	44.7	55.9
HPV (1 dose or more)—females only[k]	—	—	44.4	45.5	—	—	45.9	52,2	—	—	39.3	42.0
HPV (3 doses or more)—females only[l]	—	—	14.7	23.4	—	—	—	—	—	—	—	—

— Not available.

[a] Based on family income and household size using Census Bureau poverty thresholds for the year of data collection.

[b] The revised 1997 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used. Persons could select one or more from the following racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Persons of Hispanic origin may be of any race. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races," due to the small sample size. Data on race and Hispanic origin are collected separately but combined for reporting.

[c] Data collection for 2006 and 2007 only included the fourth quarter of each year.

[d] Includes 2 doses (or more) of measles-mumps-rubella vaccine received at any age.

[e] Includes 3 doses (or more) of hepatitis B vaccine received at any age.

[f] Includes 1 dose (or more) of varicella vaccine received at any age and without a history of varicella disease.

[g] Includes 2 doses (or more) of varicella vaccine received at any age and without a history of varicella disease.

[h] Includes 1 dose (or more) of tetanus toxoid-diphtheria vaccine (Td) or tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since age 10.

[i] Includes 1 dose (or more) of tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) since age 10.

[j] Includes 1 dose (or more) of meningococcal conjugate vaccine (MenACWY) and meningococcal-unknown type vaccine.

[k] Includes 1 dose (or more) quadrivalent or bivalent human papillomavirus vaccine (HPV). Percentages reported among females only that initiated the 3-dose series.

[l] Includes 3 doses (or more) quadrivalent or bivalent human papillomavirus vaccine (HPV). Percentages reported among females only that completed the 3-dose series.

NOTE: Data includes routinely recommended vaccines (Tdap, MenACWY, HPV—females only) and early childhood vaccines (MMR, HepB, Var) for catch-up coverage estimates.

SOURCE: Centers for Disease Control and Prevention, National Center for Immunization and Respiratory Diseases and National Center for Health Statistics, National Immunization Survey—Teen.

Table HC4.A/B **Oral health: Percentage of children ages 2–17 with a dental visit in the past year by age and selected characteristics, 1997–2009**

Characteristic	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Ages 2–4													
Total	44.7	44.8	39.9	44.1	42.2	40.6	46.5	46.6	48.0	45.6	47.0	50.9	55.5
Poverty status[a]													
Below 100% poverty	46.0	46.3	35.0	47.0	40.2	40.9	45.4	43.8	43.0	43.5	45.5	51.7	55.9
100–199% poverty	39.1	36.0	37.2	42.7	35.7	33.9	41.2	43.0	43.6	40.9	48.8	49.0	60.2
200% poverty and above	46.4	47.6	42.5	43.7	45.2	43.0	49.1	48.9	51.7	48.3	46.7	51.4	53.1
Type of insurance[b]													
Private insurance[c]	46.0	46.4	41.9	44.8	44.3	43.1	46.0	48.7	51.5	49.5	46.8	51.3	55.6
Public insurance[c,d]	49.9	47.9	41.3	46.3	41.9	42.1	49.6	48.3	45.5	45.0	49.7	54.8	58.5
No insurance	30.5	29.0	25.5	37.3	27.1	22.3	35.6	24.9	31.3	23.8	37.2	35.2	33.7
Race and Hispanic origin[e]													
White, non-Hispanic	44.5	44.6	40.9	45.1	44.1	42.6	47.4	47.8	49.5	45.9	44.7	48.9	56.7
Black, non-Hispanic	49.3	48.8	41.2	43.3	40.1	37.8	47.9	38.2	47.9	39.9	50.0	60.5	55.8
American Indian or Alaska Native	48.6	38.6	48.4	71.8	*	*	*	48.1	63.8	*	64.0	*	*
Asian	41.0	39.3	37.0	40.3	34.2	37.1	37.9	44.9	38.7	47.4	35.0	38.7	50.3
Two or more races	—	—	48.7	53.8	40.0	46.9	48.8	57.5	51.1	57.7	54.7	46.9	54.6
Hispanic	43.0	44.2	34.5	39.2	38.7	36.3	44.1	46.9	43.6	45.4	50.9	52.7	57.1
Ages 5–17													
Total	79.2	80.0	79.8	80.6	80.1	81.8	81.5	83.2	82.7	82.9	83.7	83.9	84.0
Poverty status[a]													
Below 100% poverty	66.7	68.3	64.6	66.1	66.3	69.9	71.0	71.5	72.7	74.9	74.2	75.7	76.1
100–199% poverty	67.9	68.4	68.8	71.2	70.8	74.7	73.2	74.9	74.7	74.5	75.9	75.3	79.2
200% poverty and above	87.4	87.5	87.7	87.8	86.9	87.5	87.4	89.5	88.4	88.8	89.1	89.6	88.6
Type of insurance[b]													
Private insurance[c]	85.3	85.5	86.2	86.9	86.4	87.7	87.3	89.2	88.4	89.5	89.5	89.6	89.2
Public insurance[c,d]	76.7	75.5	72.5	74.9	73.1	75.7	77.7	78.1	79.5	79.3	80.1	82.6	82.9
No insurance	50.2	53.6	51.2	53.1	53.0	56.5	53.4	53.5	53.2	53.2	54.2	51.0	54.9
Race and Hispanic origin[e]													
White, non-Hispanic	83.6	84.2	84.8	85.7	85.1	87.2	86.3	88.0	87.0	87.3	87.1	87.5	86.9
Black, non-Hispanic	73.3	74.2	73.1	75.6	73.7	75.1	75.5	80.3	78.7	79.4	80.6	82.9	81.6
American Indian or Alaska Native	72.1	81.5	61.6	71.2	81.3	77.1	74.6	75.0	78.4	78.9	91.9	79.6	78.5
Asian	76.1	74.7	78.0	81.9	83.2	74.8	81.8	79.9	76.7	82.7	79.1	82.1	82.2
Two or more races	—	—	80.3	77.7	79.2	79.5	82.8	84.6	85.2	84.4	81.0	82.9	87.2
Hispanic	66.1	67.7	65.8	65.9	66.4	69.2	70.0	70.4	72.8	71.9	76.7	75.1	77.8
Ages 5–11													
Total	80.7	80.1	80.8	81.0	80.4	82.7	81.6	83.9	83.8	82.9	84.7	84.0	85.0
Poverty status[a]													
Below 100% poverty	70.4	70.1	66.2	68.5	67.9	72.1	72.9	73.6	74.7	74.3	78.1	77.9	77.3
100–199% poverty	71.7	68.6	70.7	73.4	70.9	76.8	73.9	76.2	76.0	74.8	78.4	75.6	83.5
200% poverty and above	88.2	87.5	88.5	87.5	87.5	88.2	87.3	90.0	89.4	89.4	89.0	89.7	88.8
Type of insurance[b]													
Private insurance[c]	86.4	85.0	87.2	86.7	86.5	88.4	86.3	89.4	88.9	89.6	89.3	89.0	89.3
Public insurance[c,d]	77.9	76.1	71.4	75.4	75.0	77.2	78.5	79.8	80.3	78.5	82.1	83.3	84.7
No insurance	55.1	57.4	56.1	58.0	52.9	59.4	59.5	56.3	59.4	55.3	58.5	53.5	56.0

See notes at end of table.

Table HC4.A/B (cont.) **Oral health: Percentage of children ages 2–17 with a dental visit in the past year by age and selected characteristics, 1997–2009**

Characteristic	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Ages 5–11 (cont.)													
Race and Hispanic origin[e]													
White, non-Hispanic	84.4	83.5	85.8	85.6	85.1	87.8	85.6	88.3	86.9	87.2	86.9	86.6	86.8
Black, non-Hispanic	77.7	76.5	75.1	78.2	74.3	78.5	77.2	82.3	81.2	78.1	84.6	84.6	85.0
American Indian or Alaska Native	75.2	89.2	66.4	73.6	81.6	76.4	73.1	84.0	80.8	84.7	94.4	85.5	73.2
Asian	77.3	76.4	77.0	84.8	84.4	75.0	81.9	83.7	80.7	83.6	79.4	83.9	82.4
Two or more races	—	—	79.7	81.4	81.4	78.0	86.0	83.2	87.0	83.8	78.3	79.3	90.0
Hispanic	68.9	69.3	66.3	66.2	68.7	71.8	71.6	71.6	75.7	74.1	79.8	77.4	80.8
Ages 12–17													
Total	77.4	79.8	78.6	80.2	79.7	80.7	81.4	82.4	81.6	82.8	82.5	83.7	82.8
Poverty status[a]													
Below 100% poverty	61.0	65.9	62.5	62.7	64.4	66.7	68.7	69.0	70.1	75.7	69.4	72.7	74.4
100–199% poverty	62.9	68.1	66.3	68.3	70.6	72.0	72.3	73.3	73.1	74.0	73.1	74.9	74.4
200% poverty and above	86.6	87.4	86.7	88.2	86.4	86.8	87.4	88.9	87.4	88.1	89.2	89.4	88.4
Type of insurance[b]													
Private insurance[c]	84.0	86.0	84.9	87.2	86.4	86.8	88.3	89.0	87.8	89.5	89.7	90.2	89.2
Public insurance[c,d]	74.6	74.7	74.1	74.1	70.4	73.5	76.6	75.7	78.3	80.4	77.2	81.6	80.5
No insurance	44.6	49.1	45.6	47.3	53.2	53.5	46.9	50.6	47.4	51.2	50.3	48.6	53.9
Race and Hispanic origin[e]													
White, non-Hispanic	82.6	84.9	83.5	85.8	85.2	86.6	87.1	87.7	87.1	87.5	87.2	88.5	86.9
Black, non-Hispanic	67.6	71.5	70.7	72.4	73.0	70.9	73.6	78.1	76.3	80.6	76.5	81.1	78.2
American Indian or Alaska Native	68.7	70.2	55.4	69.0	81.0	78.1	77.1	67.0	76.1	72.5	87.4	69.1	85.9
Asian	74.6	72.5	78.9	78.6	81.5	74.5	81.7	75.8	71.7	81.8	78.8	79.9	81.8
Two or more races	—	—	81.2	71.5	74.8	82.1	76.5	86.4	82.2	85.5	84.2	85.7	83.4
Hispanic	62.3	65.3	65.1	65.5	63.2	65.7	67.7	68.9	69.1	69.1	72.9	72.1	73.9

— Not available.

* Estimates are considered unreliable (relative standard error greater than 30 percent).

[a] Missing family income data were imputed for 21–31 percent of children ages 2–17 in 1997–2009.

[b] Children with health insurance may or may not have dental coverage.

[c] Children with both public and private insurance coverage are placed in the private insurance category.

[d] Public health insurance for children consists mostly of Medicaid, but also includes Medicare, the Children's Health Insurance Programs (CHIP), and Tricare.

[e] For the 1997–1998 race-specific estimates, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards for race were used for the 1999–2009 race-specific estimates and classified persons into one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. From 1999 onward, respondents could choose more than one race. Those reporting more than one race were classified as "Two or more races." Data on race and Hispanic origin are collected separately but are combined for reporting. Persons of Hispanic origin may be of any race. Included in the total but not shown separately are persons of Native Hawaiian or Other Pacific Islander origin. Data from 1999 onward are not directly comparable with data from earlier years.

NOTE: From 1997–2000, children were identified as having a dental visit in the past year by asking parents, "About how long has it been since your child last saw or talked to a dentist?" In 2001 and later years, the question was, "About how long has it been since your child last saw a dentist?" Parents were directed to include all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Table HC4.C **Oral health: Percentage of children ages 5–17 with untreated dental caries (cavities) by age, poverty status, and race and Hispanic origin, 1988–1994, 1999–2004, and 2005–2008**

Characteristic	1988–1994	1999–2004	2005–2008
Ages 5–17			
Total	24.3	23.3	16.3
Poverty status			
Below 100% poverty	39.0	33.4	26.0
100–199% poverty	29.7	32.2	18.2
200% poverty and above	15.2	14.5	11.8
Race and Hispanic origin[a]			
White, non-Hispanic	19.5	19.7	13.1
Black, non-Hispanic	33.2	28.5	21.9
Mexican American	38.3	34.1	22.0
Ages 5–11			
Total	27.8	27.1	20.2
Poverty status			
Below 100% poverty	43.4	37.5	30.1
100–199% poverty	31.7	36.1	22.6
200% poverty and above	18.1	17.3	15.0
Race and Hispanic origin[a]			
White, non-Hispanic	23.0	23.3	17.5
Black, non-Hispanic	34.3	32.1	26.1
Mexican American	42.5	39.0	24.9
Ages 12–17			
Total	20.0	18.8	11.9
Poverty status			
Below 100% poverty	32.5	28.1	20.1
100–199% poverty	27.4	26.8	12.4
200% poverty and above	11.7	11.6	8.8
Race and Hispanic origin[a]			
White, non-Hispanic	15.2	15.5	8.6
Black, non-Hispanic	31.9	24.1	17.2
Mexican American	32.8	27.2	17.9

[a] For 1988–1994, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. For 1999–2008, the revised 1997 OMB Standards were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 1999, those in each racial category represent those reporting only one race. Data from 1999 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately but combined for reporting. Persons of Mexican origin may be of any race. From 1988 to 2006, the National Health and Nutrition Examination Survey (NHANES) sample was designed to provide estimates specifically for persons of Mexican origin. Beginning in 2007, NHANES allows for reporting of both total Hispanics and Mexican Americans; however, estimates reported here are for Mexican Americans to be consistent with earlier years.

NOTE: Children ages 5–17 had at least one primary or permanent tooth with untreated decay.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

Table PHY1 **Outdoor air quality: Percentage of children ages 0–17 living in counties in which levels of one or more air pollutants were above allowable levels, 1999–2009**

Characteristic	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
One or more pollutants	74.9	76.1	76.3	75.9	77.4	73.8	75.9	72.9	74.4	69.2	58.6
Pollutant											
Carbon monoxide—8-hour standard	5.7	4.4	0.7	4.1	0.0	0.1	0.2	0.3	0.1	0.2	0.0
Lead—3-month standard	2.3	1.6	2.2	1.2	1.6	1.2	1.6	1.2	5.0	5.0	4.2
Nitrogen dioxide—1-hour standard	23.2	19.4	17.4	18.9	17.5	16.3	13.9	12.5	10.9	12.6	8.7
Ozone—8-hour standard	65.2	64.9	66.3	66.1	67.8	61.6	66.2	65.3	64.1	59.2	48.9
Particulate matter ($PM_{2.5}$)—annual standard	24.2	29.6	24.7	20.9	19.1	16.4	24.3	12.5	16.1	7.3	2.1
Particulate matter ($PM_{2.5}$)—24-hour standard	55.0	62.5	60.8	60.9	56.8	56.0	60.2	45.7	53.6	37.1	32.2
Particulate matter (PM_{10})—24-hour standard	7.9	6.3	6.0	4.8	7.8	5.2	5.0	5.1	12.5	4.0	2.8
Sulfur dioxide—1-hour standard	31.1	28.8	26.6	25.6	21.6	20.5	20.9	16.6	15.5	16.7	11.4

NOTE: Percentages are based on the number of children living in counties where air pollution levels were higher than the level of a Primary National Ambient Air Quality Standard. This analysis differs from the analysis utilized by the U.S. Environmental Protection Agency for the designation of "nonattainment areas" for regulatory compliance purposes. Data have been revised since previous publication in *America's Children.* Values have been recalculated based on updated data in the Air Quality System. This analysis incorporates the revised Primary National Ambient Air Quality Standards for nitrogen dioxide and sulfur dioxide that were promulgated in 2010. For more information on the air quality standards that are used in calculating these percentages, please see http://www.epa.gov/air/criteria.html.

SOURCE: Environmental Protection Agency, Office of Air and Radiation, Air Quality System.

Table PHY2.A

Environmental tobacco smoke: Percentage of children ages 4–17 with specified blood cotinine levels by age, selected years 1988–2008

Characteristic	1988–1994	1999–2000	2001–2002	2003–2004	2005–2006	2007–2008
Ages 4–17						
Total						
Any detectable cotinine at or above 0.05 ng/mL	87.4	64.2	52.6	61.1	48.9	50.0
Blood cotinine above 1.0 ng/mL	23.7	16.9	16.1	17.1	11.6	15.3
Ages 4–11						
Total						
Any detectable cotinine at or above 0.05 ng/mL	87.7	64.4	55.1	63.7	51.4	52.6
Blood cotinine above 1.0 ng/mL	25.7	17.7	18.1	18.7	12.3	16.7
Ages 12–17						
Total						
Any detectable cotinine at or above 0.05 ng/mL	87.0	63.9	49.6	57.9	46.0	47.0
Blood cotinine above 1.0 ng/mL	21.1	16.0	13.6	15.0	10.8	13.7

NOTE: Cotinine levels are reported for nonsmoking children only. "Any detectable cotinine" indicates blood cotinine levels at or above 0.05 nanograms per milliliter (ng/mL), the detectable level of cotinine in the blood in 1988–1994. The average (geometric mean) blood cotinine level in children living in homes where someone smoked was 1.0 ng/mL in 1988–1994[1] and in 2003–2006.[2]

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

[1] Mannino, D.M., Caraballo, R., Benowitz, N., and Repace, J. (2001). Predictors of cotinine levels in U.S. children: Data from the Third National Health and Nutrition Examination Survey. *CHEST, 120,* 718–724.

[2] Marano, C., Schober, S.E., Brody, D.J., and Zhang, C. (2009). Secondhand tobacco smoke exposure among children and adolescents: United States, 2003–2006. *Pediatrics, 124*(5): 1299–1305.

Table PHY2.B

Environmental tobacco smoke: Percentage of children ages 0–6 living in homes where someone smoked regularly[a] by race and Hispanic origin and poverty status, 1994 and 2005

Characteristic	1994	2005
All		
Total	27.3	8.4
Race and Hispanic origin[b]		
White, non-Hispanic	29.4	9.1
Black, non-Hispanic	27.6	12.0
Asian	*	*
Hispanic	19.9	4.3
Mexican	19.2	3.9
Puerto Rican	*	9.3
Poverty status[c]		
Below 100% poverty	37.1	14.6
100–199% poverty	32.7	11.7
200% poverty and above	18.5	4.7

* Estimate is considered unreliable (relative standard error is greater than 40 percent).

[a] Regular smoking is defined as smoking by a resident that occurs 4 or more days per week.

[b] For the 1994 race-specific estimates, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards for race were used for the 2005 race-specific estimates and classified persons into one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total, but not shown separately, are American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Asian, and "Two or more races." Data on race and Hispanic origin are collected separately but are combined for reporting. Persons of Hispanic origin may be of any race.

[c] Missing family income data were imputed for 14 percent of children ages 0–6 in 1994 and 28 percent of children ages 0–6 in 2005.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Table PHY3 **Drinking water quality: Percentage of children served by community water systems that did not meet all applicable health-based drinking water standards, 1993–2009**

Characteristic	1993	1994	1995	1996	1997	1998	1999	2000	2001
Type of standard violated									
All health-based standards	19.2	15.7	10.7	9.7	9.4	8.2	7.6	8.1	5.1
Lead and copper	2.8	1.7	1.9	1.8	1.8	1.5	1.4	1.2	1.1
Total coliforms	10.1	8.6	4.0	4.2	3.5	2.9	3.1	2.9	2.1
Chemical and radionuclide	1.1	0.9	1.3	0.8	1.0	0.9	0.7	0.8	0.7
Surface water treatment	6.3	5.5	4.1	3.7	3.4	2.8	2.4	3.2	1.3
Nitrate/nitrite	0.3	0.1	0.2	0.2	0.4	0.6	0.3	0.5	0.2
Disinfection byproducts	—	—	—	—	—	—	—	—	—

Characteristic	2002	2003	2004	2005	2006	2007	2008	2009
Type of standard violated								
All health-based standards	11.8	8.4	10.4	12.6	10.6	7.8	6.7	7.4
Lead and copper	0.8	0.6	0.9	0.8	0.4	0.4	0.5	0.8
Total coliforms	2.5	3.0	3.5	3.3	2.3	2.4	2.3	2.5
Chemical and radionuclide	0.8	0.8	1.1	0.9	1.2	1.2	1.1	1.1
Surface water treatment	6.3	1.5	3.3	5.2	5.0	2.6	1.5	2.0
Nitrate/nitrite	0.2	0.3	0.1	0.1	0.5	0.2	0.1	0.1
Disinfection byproducts	1.5	3.0	2.6	2.6	1.6	1.4	1.4	1.3

— Not available.

NOTE: A new standard for disinfection byproducts was implemented beginning in 2002 for larger drinking water systems and in 2004 for smaller systems. Revisions to the standard for surface water treatment took effect in 2002. A revised standard for radionuclides went into effect in 2003. A revised standard for arsenic (included in the Chemical and radionuclide category) went into effect in 2006. No other revisions to the standards have taken effect during the period of trend data (beginning with 1993). Data have been revised since previous publication in *America's Children.* Values for years prior to 2009 have been recalculated based on updated data in the Safe Drinking Water Information System.

SOURCE: Environmental Protection Agency, Office of Water, Safe Drinking Water Information System.

Table PHY4.A

Lead in the blood of children: Percentage of children ages 1–5 with specified blood lead levels, 1988–1994, 1999–2002, and 2005–2008

Specified blood lead level	1988–1994	1999–2002	2005–2008
≥10 µg/dL	6.3	1.6	*
≥ 5 µg/dL	25.6	8.7	3.0
≥ 2.5 µg/dL	61.2	34.0	16.5

* Estimate is considered unreliable (relative standard error greater than 40 percent).

NOTE: A blood level of 10 µg/dL or greater is considered elevated,[1] but adverse health effects have been shown to occur at lower concentrations.[2]

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

[1] Centers for Disease Control and Prevention. (2002). *Managing elevated blood lead levels among young children: Recommendations from the Advisory Committee on Childhood Lead Poisoning Prevention.* Atlanta, GA. Available at http://www.cdc.gov/nceh/lead/CaseManagement/caseManage_main.htm.

[2] Canfield, R.L., Henderson, C.R., Jr., Cory-Slechta, D.A., Cox, C., Jusko, T.A., and Lanphear, B.P. (2003). Intellectual impairment in children with blood lead concentrations below 10 micrograms per deciliter. *New England Journal of Medicine, 348*(16), 1517–1526.

Table PHY4.B

Lead in the blood of children: Percentage of children ages 1–5 with specified blood lead levels by race and Hispanic origin and poverty status, 2005–2008

Characteristic	≥ 5 µg/dL	≥ 2.5 µg/dL
Total[a]	3.0	16.5
Race and Hispanic origin[b]		
White, non-Hispanic	*	11.9
Black, non-Hispanic	7.4	32.3
Mexican American	*	16.2
Poverty status		
Below 100% poverty	6.2	26.7
100% poverty and above	*	12.7

* Estimate is considered unreliable (relative standard error greater than 40 percent).

[a] Totals include data for racial/ethnic groups not shown separately.

[b] For 2005–2008, the revised 1997 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Data on race and Hispanic origin are collected separately but combined for reporting. Persons of Mexican origin may be of any race.

NOTE: Data for 2005–2008 are combined. A blood lead level of 10 µg/dL or greater is considered elevated,[1] but adverse health effects have been shown to occur at lower concentrations.[2] Data for the percentage of children with a blood lead level above 10 µg/dL are not shown because estimates by race and Hispanic origin and by poverty status are considered unreliable (relative standard error is greater than 40 percent).

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

[1] Centers for Disease Control and Prevention. (2002). *Managing elevated blood lead levels among young children: Recommendations from the Advisory Committee on Childhood Lead Poisoning Prevention.* Atlanta, GA. Available at http://www.cdc.gov/nceh/lead/CaseManagement/caseManage_main.htm.

[2] Canfield, R.L., Henderson, C.R., Jr., Cory-Slechta, D.A., Cox, C., Jusko, T.A., and Lanphear, B.P. (2003). Intellectual impairment in children with blood lead concentrations below 10 micrograms per deciliter. *New England Journal of Medicine, 348*(16), 1517–1526.

Table PHY5 **Housing problems: Percentage of households with children ages 0–17 that reported housing problems by type of problem, selected years 1978–2009[a]**

Household type	1978	1983	1989	1993	1995	1997	1999	2001	2003	2005	2007	2009
All households with children												
Number of households (in millions)	32.3	33.6	35.4	35.4	37.2	37.0	37.5	38.6	38.4	38.7	38.1	38.5
Percent with												
Any problems	30	33	33	34	36	36	35	36.1	36.9	40.3	43.0	44.5
Inadequate housing[b]	9	8	9	7	7	7	7	6.7	5.8	5.4	5.1	5.1
Crowded housing	9	8	7	6	7	7	7	6.3	6.2	6.3	6.2	6.2
Cost burden greater than 30 percent[c]	15	21	24	26	28	28	28	28.5	30.1	34.2	37.2	39.3
Cost burden greater than 50 percent[c]	6	11	9	11	12	12	11	11.2	11.5	14.5	15.8	17.5
Severe problems[d]	8	12	10	11	12	11	11	11.1	11.3	13.8	15.1	16.9
Very-low-income renter households with children[e]												
Number of households (in millions)	4.2	5.1	5.9	6.6	6.5	6.4	6.2	6.0	6.4	6.5	6.3	6.8
Percent with												
Any problems	79	83	77	75	77	82	80	79.4	77.5	82.2	82.5	84.3
Inadequate housing[b]	18	18	18	14	13	16	15	15.4	12.8	12.2	11.4	11.0
Crowded housing	22	18	17	14	17	17	17	15.4	14.5	14.2	14.1	13.5
Cost burden greater than 30 percent[c]	59	68	67	67	69	73	70	69.5	70.4	75.9	75.9	80.2
Cost burden greater than 50 percent[c]	31	38	36	38	38	41	37	37.7	36.2	44.9	44.1	49.4
Severe problems[d]	33	42	31	33	31	32	29	30.2	29.0	35.9	34.6	40.5
Rental assistance[f]	23	23	33	33	33	31	31	30.3	28.1	27.7	27.7	25.0

[a] Data are available for 1978, 1983, 1989, and biennially since 1993. All data are weighted using the decennial Census that preceded the date of their collection. Because of questionnaire changes, data since 1997 on families with rental assistance, priority problems, and severe physical problems are not directly comparable with earlier data. See Office of Policy Development and Research, U.S. Department of Housing and Urban Development. (2003). *Trends in worst case needs for housing, 1978–1999: A report to Congress on worst case housing needs—Plus update on worst case needs in 2001.* Washington, DC: U.S. Department of Housing and Urban Development.

[b] Inadequate housing refers to housing with "moderate or severe physical problems." The most common problems meeting the definition are lacking complete plumbing for exclusive use, having unvented room heaters as the primary heating equipment, and multiple upkeep problems such as water leakage, open cracks or holes, broken plaster, or signs of rats. Problems appearing in public halls of multifamily structures were no longer counted beginning in 2007. See definition in Appendix A and changes in Appendix C of the American Housing Survey summary volume, *American Housing Survey for the United States: 2007,* Current Housing Reports, Series H150/07, U.S. Census Bureau, 2008.

[c] Cost burden refers to expenditures on housing and utilities that exceed the specified proportion, 30 percent or 50 percent, of reported income.

[d] Severe problems: For households not reporting housing assistance, cost burden is greater than 50 percent of income or severe physical problems are present.

[e] Very-low-income households are those with incomes at or below one-half the median income, adjusted for family size, in a geographic area.

[f] Renters are either in a public housing project or have a subsidy (i.e., pay a lower rent because a Federal, state, or local government program pays part of the cost of construction, mortgage, or operating expenses).

SOURCE: U.S. Census Bureau and the Department of Housing and Urban Development, American Housing Survey. Tabulated by Department of Housing and Urban Development.

Table PHY6 **Youth victims of serious violent crimes: Rate and number of victimizations for youth ages 12–17 by age, race and Hispanic origin, and gender, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006[a]	2007	2008	2009[b]
Rate per 1,000 youth ages 12–17										
Age										
Ages 12–17	37.6	34.3	43.2	28.3	16.4	13.6	15.6	9.9	11.8	9.5
Ages 12–14	33.4	28.1	41.2	26.7	13.7	9.9	14.1	8.9	8.3	9.1
Ages 15–17	41.4	40.3	45.2	30.0	19.0	17.2	17.2	10.7	15.2	9.9
Race and Hispanic origin[c]										
White	34.1	34.4	37.0	25.5	15.4	—	—	—	—	—
White, non-Hispanic[d]	—	—	—	—	—	10.9	15.7	10.6	8.5	8.3
Black	60.2	35.2	77.0	44.5	23.6	—	—	—	—	—
Black, non-Hispanic[d]	—	—	—	—	—	17.9	20.3	*	20.6	15.6
Hispanic[e]	—	—	—	—	—	17.7	13.2	12.8	16.8	9.8
Other	21.7	28.8	37.3	23.7	7.7	—	—	—	—	—
Gender										
Male	54.8	49.8	60.5	39.0	22.9	15.9	17.0	15.9	16.1	11.4
Female	19.7	18.2	24.9	17.0	9.6	11.2	14.3	*	7.3	7.6
Number of victimizations of youth ages 12–17										
Age										
Ages 12–17	877,104	742,815	866,272	633,301	394,107	346,031	399,203	248,875	294,450	233,846
Ages 12–14	364,437	295,972	412,125	303,287	166,212	126,425	175,430	110,622	100,496	109,624
Ages 15–17	512,667	446,843	454,147	330,014	227,895	219,606	223,773	138,253	193,954	124,222
Race and Hispanic origin[c]										
White	658,539	606,739	593,596	451,830	293,860	—	—	—	—	—
White, non-Hispanic[d]	—	—	—	—	—	169,292	237,838	157,917	126,697	118,430
Black	206,227	113,960	238,141	154,013	91,751	—	—	—	—	—
Black, non-Hispanic[d]	—	—	—	—	—	69,003	79,882	*	75,532	57,169
Hispanic[e]	—	—	—	—	—	79,631	60,399	63,583	81,498	49,417
Other	12,292	22,111	34,523	27,445	8,483	—	—	—	—	—
Gender										
Male	651,976	550,860	623,509	447,695	281,709	207,073	221,342	204,786	204,924	142,404
Female	225,127	191,955	242,763	185,606	112,398	138,688	177,860	*	89,526	91,442

— Not available.

* Reporting standards not met due to insufficient unweighted sample cases.

[a] Due to changes in methodology, the 2006 national crime victimization rates are not comparable to other years and cannot be used for yearly trend comparisons. See *Criminal Victimization, 2006,* http://bjs.ojp.usdoj.gov/index.cfm?ty=pbdetail&iid=765.

[b] Homicide data were not available for 2009 at the time of publication. The number of homicides for 2008 is included in the overall total for 2009. In 2008, homicides represented less than 1 percent of serious violent crime and the total number of homicides by juveniles has been relatively stable over the last decade.

[c] From 1980 to 2002, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following racial groups: White, Black, or Other. "Other" included American Indian or Alaskan Native, and Asian or Pacific Islander. Data from 2003 onward are collected under the 1997 OMB Standards. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total, but not shown separately, are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[d] Homicide data are collected using the FBI's Supplementary Homicide Reports (SHR) for which Hispanic origin is not available. Homicide is included here, but the victim may have been Hispanic.

[e] Victimization estimates for Hispanics exclude homicides because homicide data are collected using the FBI's Supplementary Homicide Reports (SHR) for which Hispanic origin is not available.

NOTE: Serious violent crimes include aggravated assault, rape, robbery, and homicide. Aggravated assault is an attack with a weapon, regardless of whether or not an injury occurred, or an attack without a weapon when serious injury resulted. Robbery is stealing by force or threat of force. Because of changes made in the victimization survey, data prior to 1992 were adjusted to make them comparable with data collected under the redesigned methodology. Some 2006–2008 estimates have been revised since previous publication in *America's Children* due to updating for more recent homicide numbers.

SOURCE: Bureau of Justice Statistics, National Crime Victimization Survey and Federal Bureau of Investigation, Uniform Crime Reporting Program, Supplementary Homicide Reports.

Table PHY7.A **Child injury and mortality: Emergency department visit rates for children ages 1–14 by leading causes of injury visits, 1995–2008**

(Emergency department visits per 1,000 children ages 1–4 and ages 5–14)

Characteristic	1995–1996	1997–1998	1999–2000	2001–2002	2003–2004	2005–2006	2007–2008
Ages 1–4							
All injury visits[a]	161.2	158.6	165.4	139.3	151.3	150.7	129.0
All initial injury visits[b]	—	—	—	129.0	142.7	142.6	115.1
Leading causes of injury visits[c]							
Cut or pierced from instrument or object	12.2	9.7	12.1	6.5	7.4	5.6	4.4
Fall	47.2	39.2	48.2	35.0	49.3	53.7	45.3
Motor vehicle traffic	6.2	8.1	6.9	6.5	7.4	7.1	4.8
Natural or environmental factors[d]	9.9	9.0	14.5	7.4	10.6	10.4	7.0
Overexertion	1.6	4.3	3.0	1.8	2.2	3.4	3.3
Poisoning	9.8	8.3	7.8	4.9	8.1	7.6	5.9
Struck by/against an object or person	24.9	38.2	29.4	28.2	20.5	14.7	16.4
Ages 5–14							
All injury visits[a]	126.8	119.8	122.9	118.1	120.5	112.1	107.9
All initial injury visits[b]	—	—	—	110.0	114.3	105.4	94.5
Leading causes of injury visits[c]							
Cut or pierced from instrument or object	10.9	10.7	8.4	7.8	7.6	6.5	6.0
Fall	31.3	27.0	27.0	27.6	28.0	28.1	26.9
Motor vehicle traffic	10.1	8.3	10.1	7.7	7.9	8.2	6.3
Natural or environmental factors[d]	8.5	6.2	5.7	5.5	8.1	6.2	5.2
Overexertion	2.4	2.3	2.8	3.6	3.8	3.8	4.8
Poisoning	1.6	1.1	1.6	1.4	1.7	1.5	1.4
Struck by/against an object or person	21.1	27.8	30.2	26.9	25.3	20.2	18.9

— Not available.

[a] Any emergency department visit where there is a valid first-listed injury diagnosis code or a valid first-listed external cause of injury code.

[b] In 2007–2008, 89 percent of injury-related emergency department visits among children ages 1–4 and 88 percent of injury-related emergency department visits among children ages 5–14 were an initial visit.

[c] Data for 2001–2008 are for initial visits only. Initial visit status was imputed for 2005–2006.

[d] Insect or animal bites accounted for the majority of emergency department visits caused by natural or environmental factors.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey.

Table PHY7.B **Child injury and mortality: Death rates among children ages 1–14 by gender, race and Hispanic origin, and all causes and all injury causes, selected years 1980–2009**

(Deaths per 100,000 children ages 1–4 and ages 5–14)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008[a]	2009[a]
Ages 1–4										
All causes[b]	63.9	51.8	46.8	40.4	32.4	29.4	28.4	28.6	28.4	26.2
Gender										
Male	72.6	58.5	52.4	44.5	35.9	33.4	30.5	31.3	31.7	28.8
Female	54.7	44.8	41.0	36.0	28.7	25.1	26.3	25.7	25.1	23.4
Race and Hispanic origin[c]										
White	57.9	46.6	41.1	35.2	29.2	27.0	25.5	25.8	26.0	24.2
White, non-Hispanic[d]	—	45.3	37.6	34.2	28.5	26.2	25.0	25.5	26.2	23.9
Black	97.6	80.7	76.8	66.4	49.9	41.8	43.3	42.2	42.1	38.4
Asian or Pacific Islander	43.2	40.1	38.6	26.5	21.6	19.2	19.6	21.7	18.8	15.5
Hispanic[d]	—	46.1	43.5	36.3	29.6	28.9	26.4	26.0	24.6	23.2
Leading causes of death[e]										
Unintentional injuries	25.9	20.2	17.3	14.4	11.9	10.3	9.9	9.6	8.8	8.5
Cancer	4.5	3.8	3.5	3.1	2.7	2.3	2.3	2.2	2.4	2.0
Birth defects	8.0	5.9	6.1	4.4	3.2	3.2	3.2	3.3	3.1	2.8
Homicide	2.5	2.5	2.6	2.9	2.3	2.3	2.2	2.4	2.5	2.3
Heart disease	2.6	2.2	1.9	1.6	1.2	0.9	1.0	1.1	1.1	0.9
Pneumonia/influenza	2.1	1.6	1.2	1.0	0.7	0.7	0.8	0.7	0.9	0.8
Injury-related causes of death[e]										
All injuries (intentional and unintentional)	28.9	23.0	19.9	17.3	14.5	13.0	12.5	12.4	11.8	11.1
Motor vehicle traffic-related	7.4	5.9	5.3	4.4	3.7	3.0	2.9	2.6	//	//
Drowning	5.7	4.4	3.9	3.5	3.3	3.2	2.9	2.9	//	//
Fire and burns	6.1	4.8	4.0	3.1	2.1	1.5	1.3	1.3	//	//
Firearms	0.7	0.7	0.6	0.6	0.3	0.4	0.3	0.4	//	//
Suffocation	1.9	1.4	1.3	1.3	1.2	0.9	1.0	1.1	//	//
Pedestrian (non-traffic)[f]	1.5	1.1	0.9	0.7	0.6	0.8	0.7	0.8	//	//
Fall	0.9	0.6	0.6	0.3	0.2	0.2	0.3	0.2	//	//

See notes at end of table.

Table PHY7.B (cont.) **Child injury and mortality: Death rates among children ages 1–14 by gender, race and Hispanic origin, and all causes and all injury causes, selected years 1980–2009**

(Deaths per 100,000 children ages 1–4 and ages 5–14)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008[a]	2009[a]
Ages 5–14										
All causes[b]	30.6	26.5	24.0	22.2	18.0	16.3	15.2	15.3	14.1	13.9
Gender										
Male	36.7	31.8	28.5	26.4	20.9	18.6	17.6	17.4	16.0	15.6
Female	24.2	21.0	19.3	17.9	15.0	13.9	12.8	13.1	12.1	12.1
Race and Hispanic origin[c]										
White	29.1	25.0	22.3	20.5	17.0	15.0	14.2	14.4	13.0	12.7
White, non-Hispanic[d]	—	23.1	21.5	20.1	17.1	15.2	14.0	14.2	13.2	12.2
Black	39.0	35.5	34.4	32.0	24.2	23.3	21.2	20.9	20.1	20.2
Asian or Pacific Islander	24.2	20.8	16.9	17.5	12.3	12.9	11.1	11.1	10.6	10.9
Hispanic[d]	—	19.3	20.0	19.9	15.7	13.7	14.2	14.1	12.1	13.1
Leading causes of death[e]										
Unintentional injuries	15.0	12.6	10.4	9.2	7.3	6.0	5.6	5.5	4.6	4.1
Cancer	4.3	3.5	3.1	2.7	2.5	2.5	2.2	2.4	2.2	2.2
Birth defects	1.6	1.4	1.5	1.2	1.0	1.0	0.9	0.9	0.8	0.9
Homicide	1.2	1.2	1.3	1.5	0.9	0.8	1.0	0.9	0.8	0.8
Heart disease	0.9	1.0	0.9	0.8	0.7	0.6	0.6	0.6	0.6	0.5
Pneumonia/influenza	0.6	0.4	0.4	0.3	0.2	0.3	0.2	0.3	0.2	0.6
Injury-related causes of death[e]										
All injuries (intentional and unintentional)	16.7	14.7	12.7	11.5	9.1	7.7	7.3	6.9	6.1	5.7
Motor vehicle traffic-related	7.5	6.6	5.6	5.1	4.0	3.3	3.0	2.9	//	//
Drowning	2.5	1.8	1.5	1.2	0.9	0.7	0.7	0.6	//	//
Fire and burns	1.5	1.4	1.0	0.9	0.7	0.6	0.5	0.6	//	//
Firearms	1.6	1.8	1.9	1.9	0.9	0.8	0.9	0.8	//	//
Suffocation	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.7	//	//
Pedestrian (non-traffic)[f]	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.1	//	//
Fall	0.3	0.2	0.1	0.2	0.1	0.1	0.1	0.1	//	//

— Not available.

// Not available at time of publication.

[a] Number of deaths are based on weighted data rounded to the nearest individual. Data are based on death records comprising more than 99 and 98 percent of the preliminary files for 2008 and 2009, respectively. The mortality rates for 2008 and 2009 were obtained from preliminary death records from the National Vital Statistics System. Caution should be taken in interpreting injury death rates based on preliminary data, as these tend to be underestimated. See *Deaths: Preliminary data for 2009,* http://www.cdc.gov/nchs/data/nvsr/nvsr59/nvsr59_04.pdf.

[b] Total includes American Indians/Alaskan Natives.

[c] The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following three racial groups: White, Black, or Asian or Pacific Islander. Death rates for American Indians or Alaskan Natives are not shown separately because the numbers of deaths were too small for the calculation of reliable rates and American Indians are underreported on the death certificate. CA, HI, ID, ME, MT, NY, and WI reported multiple-race data in 2003. In 2004, the following states began to report multiple-race data: MI, MN, NH, NJ, OK, SD, WA, and WY. In 2005, the following states began to report multiple-race data: CT, FL, KS, NE, SC, UT, and DC (mid-year). In 2006, NM, OR, RI, and TX began to report multiple-race data. In 2007, DE and OH began to report multiple-race data. In 2008, AR, GA, IL, IN, NV, ND, and VT began to report multiple-race data. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards for comparability with other states, rather than following the revised 1997 OMB standards for a select group of states. In addition, note that data on race and Hispanic origin are collected and reported separately. Persons of Hispanic origin may be of any race.

[d] Trends for the Hispanic population are affected by an expansion in the number of registration areas that included an item on Hispanic origin on the death certificate. Tabulations are restricted to a subset of the states that include the item on the death certificate and that meet a minimal quality standard. The quality of reporting has improved substantially over time, so that the minimal quality standard was relaxed in 1992 for those areas reporting Hispanic origin on at least 80 percent of records. The number of states in the reporting area increased from 15 states in 1984 to 17 states and the District of Columbia (DC) in 1985; 18 states and DC in 1986–1987; 26 states and DC in 1988; 44 states and DC in 1989; 45 states, New York State (excluding New York City), and DC in 1990; 47 states, New York State (excluding New York City), and DC in 1991; 48 states and DC in 1992; and 49 states and DC in 1993–1996. Complete reporting began in 1997. The population data in 1990 and 1991 do not exclude New York City.

[e] Cause-of-death information for 1980–1998 is classified according to the Ninth Revision of the International Classification of Diseases. Cause-of-death information for 1997–2009 is classified according to the Tenth Revision of the International Classification of Diseases.

[f] Includes deaths occurring on private property. Pedestrian deaths on public roads are included in the motor vehicle traffic-related category.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

Table PHY8.A **Adolescent injury and mortality: Emergency department visit rates for adolescents ages 15–19 by leading causes of injury visits, 1995–2008**

(Emergency department visits per 1,000 adolescents ages 15–19)

Characteristic	1995–1996	1997–1998	1999–2000	2001–2002	2003–2004	2005–2006	2007–2008
All injury visits[a]	179.8	170.9	178.4	154.4	160.7	161.4	157.2
All initial injury visits[b]	—	—	—	141.5	148.2	147.5	137.1
Leading causes of injury visits[c]							
Cut or pierced from instrument or object	16.2	18.2	18.0	12.4	12.4	12.4	9.7
Unintentional	14.0	15.2	15.6	11.0	11.1	10.0	8.6
Fall[d]	24.8	20.6	21.1	16.0	20.4	22.3	25.5
Motor vehicle traffic[d]	32.9	32.3	32.7	26.0	24.6	24.1	21.0
Natural or environmental factors[d,e]	5.6	4.4	7.1	5.2	6.9	5.9	5.4
Overexertion[d]	7.4	4.8	7.3	5.9	7.0	8.1	6.8
Poisoning	4.3	5.9	4.3	5.7	6.4	5.4	6.0
Unintentional	2.9	3.0	1.8	3.3	2.3	2.9	1.3
Self-inflicted	1.4	2.0	2.2	2.0	3.4	1.7	3.1
Struck by/against an object or person	35.1	44.3	41.4	34.8	32.6	26.0	28.5
Unintentional	25.3	37.2	32.1	27.2	24.9	19.1	20.4
Assault	9.7	6.9	9.2	7.5	7.7	6.6	7.9

— Not available.

[a] Any emergency department visit where there is a valid first-listed injury diagnosis code or a valid first-listed external cause code on the emergency department discharge record.

[b] In 2007–2008, 87 percent of injury-related emergency department visits were an initial visit.

[c] Data for 2001–2008 include initial visits only. Initial visit status was imputed in 2005–2006.

[d] Falls, motor vehicle traffic, natural or environmental factors, and overexertion were unintentional for 99–100 percent of the visits.

[e] Insect or animal bites accounted for the majority of emergency department visits caused by natural or environmental factors.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey.

Table PHY8.B **Adolescent mortality: Death rates among adolescents ages 15–19 by gender, race and Hispanic origin,[a] and all causes and all injury causes,[b] selected years 1980–2009**

(Deaths per 100,000 adolescents ages 15–19)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008[c]	2009[c]
Total (all races)										
All causes	97.9	80.5	88.4	82.1	67.1	65.1	64.4	61.9	57.7	53.4
All injuries	78.1	62.8	71.4	65.0	51.6	49.8	50.3	48.4	43.8	39.2
Unintentional injuries	57.8	43.7	42.4	36.0	33.4	31.4	31.2	30.2	//	//
Homicide	10.5	8.4	16.9	17.8	9.5	9.9	10.7	10.4	//	//
Suicide	8.5	9.9	11.1	10.3	8.0	7.7	7.3	6.9	//	//
Leading mechanisms of injury										
Motor vehicle traffic	42.3	33.1	33.0	27.8	25.3	23.0	22.6	21.4	//	//
All firearm	14.7	13.3	23.5	24.1	12.9	12.5	13.2	12.4	//	//
Firearm homicide	7.0	5.7	14.0	15.3	7.7	8.3	9.1	8.8	//	//
Firearm suicide	5.4	6.0	7.5	6.9	4.4	3.5	3.3	2.9	//	//
Male										
White, non-Hispanic										
All causes	—	105.1	105.7	96.3	86.1	82.0	79.0	77.2	73.4	65.2
All injuries	—	86.2	87.5	77.5	69.4	64.8	64.2	63.2	//	//
Unintentional injuries	—	64.1	62.6	51.8	50.0	46.1	45.8	45.9	//	//
Homicide	—	5.2	5.6	5.8	3.5	3.5	3.4	3.4	//	//
Suicide	—	16.0	20.4	18.6	14.8	14.0	13.3	12.5	//	//
Leading mechanisms of injury										
Motor vehicle traffic	—	47.6	46.9	38.6	36.7	31.4	30.7	30.3	//	//
All firearm	—	17.0	20.4	20.0	12.3	10.5	10.3	8.9	//	//
Firearm homicide	—	3.7	3.9	4.5	2.5	2.5	2.6	2.5	//	//
Firearm suicide	—	10.5	13.3	12.7	8.6	7.2	6.7	5.7	//	//
Black										
All causes	134.5	125.5	199.9	200.1	130.1	127.2	130.8	128.1	119.5	106.0
All injuries	105.3	96.7	174.1	169.4	103.0	101.3	107.6	106.6	//	//
Unintentional injuries	49.1	40.7	45.6	44.2	34.5	32.5	33.1	30.6	//	//
Homicide	47.7	45.9	114.9	108.4	57.2	60.0	66.3	67.0	//	//
Suicide	5.6	8.2	11.5	13.6	9.5	7.2	7.0	6.8	//	//
Leading mechanisms of injury										
Motor vehicle traffic	24.3	21.9	28.6	28.6	22.5	22.1	21.3	20.7	//	//
All firearm	46.7	46.5	119.8	118.9	61.5	61.5	68.2	70.3	//	//
Firearm homicide	38.4	36.6	105.2	101.4	51.7	54.9	60.8	62.8	//	//
Firearm suicide	3.4	5.4	8.8	10.5	6.9	4.3	4.2	4.2	//	//
American Indian or Alaskan Native										
All causes	248.3	167.5	183.7	147.8	122.2	117.5	126.1	117.4	112.7	123.2
All injuries	222.7	148.4	157.2	133.5	108.5	101.8	111.9	98.7	//	//
Unintentional injuries	161.2	89.9	96.6	75.3	70.0	63.3	62.7	58.7	//	//
Homicide	*	*	*	30.5	14.4	13.1	16.8	*	//	//
Suicide	40.6	36.0	36.6	37.0	23.3	24.2	30.4	25.2	//	//
Leading mechanisms of injury										
Motor vehicle traffic	107.9	66.3	63.3	52.9	47.4	37.2	47.9	41.3	//	//
All firearm	40.6	29.2	29.6	43.9	22.0	23.5	25.9	19.4	//	//
Firearm homicide	*	*	*	19.7	*	*	*	*	//	//
Firearm suicide	26.7	*	*	*	*	*	13.6	*	//	//

See notes at end of table.

Table PHY8.B (cont.) **Adolescent mortality: Death rates among adolescents ages 15–19 by gender, race and Hispanic origin,[a] and all causes and all injury causes,[b] selected years 1980–2009**

(Deaths per 100,000 adolescents ages 15–19)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008[c]	2009[c]
Male—continued										
Asian or Pacific Islander										
All causes	69.1	57.8	73.1	65.2	51.0	45.7	50.4	45.3	38.8	36.5
All injuries	53.5	47.4	62.3	51.9	39.1	34.0	40.2	35.3	//	//
Unintentional injuries	38.6	31.0	35.1	20.0	23.3	20.8	20.1	20.5	//	//
Homicide	*	*	14.8	20.5	7.5	7.8	11.3	5.5	//	//
Suicide	*	10.1	12.0	9.4	8.1	4.8	8.4	8.7	//	//
Leading mechanisms of injury										
Motor vehicle traffic	25.5	21.0	24.1	14.4	14.7	13.4	13.3	14.2	//	//
All firearm	*	9.2	22.2	26.9	8.8	9.4	12.7	7.1	//	//
Firearm homicide	*	*	12.6	18.6	5.7	6.9	9.8	4.3	//	//
Firearm suicide	*	*	8.3	6.1	*	*	*	*	//	//
Hispanic										
All causes	—	121.3	131.4	125.6	90.5	98.6	98.0	86.8	76.8	72.4
All injuries	—	103.7	115.9	110.0	75.9	81.7	81.0	72.4	//	//
Unintentional injuries	—	59.4	54.7	41.4	40.8	43.4	43.8	37.0	//	//
Homicide	—	30.6	49.7	53.5	25.7	27.8	28.0	24.6	//	//
Suicide	—	11.9	11.0	13.6	8.5	9.5	7.0	9.4	//	//
Leading mechanisms of injury										
Motor vehicle traffic	—	42.8	40.7	29.2	29.4	32.0	33.0	25.0	//	//
All firearm	—	31.2	51.7	60.4	27.9	29.5	29.8	25.9	//	//
Firearm homicide	—	20.9	39.7	47.3	21.9	24.1	24.0	20.2	//	//
Firearm suicide	—	6.7	8.6	9.2	4.6	3.9	4.1	4.3	//	//
Female										
White, non-Hispanic										
All causes	—	46.4	44.2	44.2	41.0	37.6	38.1	37.8	33.0	31.9
All injuries	—	33.7	32.3	32.2	29.3	27.0	27.9	27.6	//	//
Unintentional injuries	—	25.9	25.8	25.5	24.0	21.8	22.6	22.6	//	//
Homicide	—	2.9	2.8	3.3	1.9	1.5	1.7	1.8	//	//
Suicide	—	4.4	4.0	3.2	3.0	3.3	3.0	2.9	//	//
Leading mechanisms of injury										
Motor vehicle traffic	—	22.5	22.6	22.9	20.8	18.0	18.3	18.1	//	//
All firearm	—	3.8	3.9	3.7	2.2	1.9	1.7	1.9	//	//
Firearm homicide	—	1.1	1.3	1.7	0.9	0.9	0.9	1.1	//	//
Firearm suicide	—	2.2	2.2	1.8	1.2	1.0	0.7	0.7	//	//
Black										
All causes	50.3	44.6	54.4	55.1	43.7	38.8	37.4	37.4	38.5	35.5
All injuries	25.5	22.9	30.8	31.9	22.5	20.7	19.4	19.5	//	//
Unintentional injuries	12.0	10.7	13.2	13.0	12.7	12.7	10.1	11.2	//	//
Homicide	11.0	10.3	15.6	16.1	8.4	6.3	7.9	6.9	//	//
Suicide	1.6	1.5	1.9	2.3	1.4	1.4	1.3	1.3	//	//
Leading mechanisms of injury										
Motor vehicle traffic	6.6	7.5	9.7	10.5	10.0	10.5	8.4	9.0	//	//
All firearm	7.5	6.1	12.1	13.9	5.7	5.0	6.0	5.5	//	//
Firearm homicide	6.2	5.0	10.4	12.1	4.9	4.4	5.5	5.0	//	//
Firearm suicide	*	*	*	1.6	*	*	*	*	//	//

See notes at end of table.

Table PHY8.B (cont.) **Adolescent mortality: Death rates among adolescents ages 15–19 by gender, race and Hispanic origin,[a] and all causes and all injury causes,[b] selected years 1980–2009**

(Deaths per 100,000 adolescents ages 15–19)

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008[c]	2009[c]
Female—continued										
American Indian or Alaskan Native										
All causes	77.4	69.9	73.1	56.3	52.8	68.9	63.9	54.9	60.3	54.1
All injuries	64.3	56.8	61.1	43.2	44.9	53.3	47.3	40.4	//	//
Unintentional injuries	53.6	40.3	44.5	33.8	34.0	30.4	34.0	27.8	//	//
Homicide	*	*	*	*	*	*	*	*	//	//
Suicide	*	*	*	*	*	14.9	*	*	//	//
Leading mechanisms of injury										
Motor vehicle traffic	41.7	29.6	34.9	27.2	26.8	25.7	28.6	23.2	//	//
All firearm	*	*	*	*	*	*	*	*	//	//
Firearm homicide	*	*	*	*	*	*	*	*	//	//
Firearm suicide	*	*	*	*	*	*	*	*	//	//
Asian or Pacific Islander										
All causes	26.7	32.1	25.8	28.1	20.6	21.4	23.5	19.4	17.4	18.5
All injuries	16.7	19.3	18.2	19.4	11.9	13.8	14.6	11.4	//	//
Unintentional injuries	*	11.0	11.2	13.3	7.3	8.9	9.6	8.2	//	//
Homicide	*	*	*	*	*	*	*	*	//	//
Suicide	*	*	*	*	*	*	*	*	//	//
Leading mechanisms of injury										
Motor vehicle traffic	*	*	10.9	12.5	5.5	6.9	8.7	6.3	//	//
All firearm	*	*	*	*	*	*	*	*	//	//
Firearm homicide	*	*	*	*	*	*	*	*	//	//
Firearm suicide	*	*	*	*	*	*	*	*	//	//
Hispanic										
All causes	—	33.6	35.2	35.5	28.7	33.6	30.5	27.2	27.7	28.5
All injuries	—	20.7	22.7	23.1	18.4	22.1	19.7	17.1	//	//
Unintentional injuries	—	14.4	12.2	13.9	13.1	16.6	13.7	12.2	//	//
Homicide	—	3.8	7.2	6.5	2.8	2.9	3.0	2.8	//	//
Suicide	—	*	3.2	2.6	2.4	2.4	2.9	1.9	//	//
Leading mechanisms of injury										
Motor vehicle traffic	—	10.7	10.4	12.1	10.7	14.3	11.6	9.7	//	//
All firearm	—	4.5	6.8	5.7	2.7	2.1	2.3	2.5	//	//
Firearm homicide	—	*	4.9	4.6	2.0	1.6	2.1	2.0	//	//
Firearm suicide	—	*	*	*	*	*	*	*	//	//

— Not available.

// Not available at time of publication.

* Number of deaths too few to calculate a reliable rate.

[a] The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. CA, HI , ID, ME, MT, NY, and WI reported multiple-race data in 2003. In 2004, the following states began to report multiple-race data: MI, MN, NH, NJ, OK, SD, WA, and WY. In 2005, the following states began to report multiple-race data: CT, FL, KS, NE, SC, UT, and DC (mid-year). In 2006, NM, OR, RI, and TX began to report multiple-race data. In 2007, DE and OH began to report multiple-race data. In 2008, AR, GA, IL, IN, NV, ND, and VT began to report multiple-race data. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards for comparability with other states, rather than following the revised 1997 OMB standards for a select group of states. In addition, note that data on race and Hispanic origin are collected and reported separately. Black, American Indian or Alaskan Native, and Asian or Pacific Islander include persons of Hispanic origin. Persons of Hispanic origin may be of any race.

[b] Cause-of-death information for 1980–1998 is classified according to the Ninth Revision of the International Classification of Diseases. Cause-of-death information for 1997–2009 is classified according to the Tenth Revision of the International Classification of Diseases.

[c] Number of deaths are based on weighted data rounded to the nearest individual. Data are based on death records comprising more than 99 and 98 percent of preliminary files for 2008 and 2009, respectively. The mortality rates for 2008 and 2009 were obtained from preliminary death records from the National Vital Statistics System. Caution should be taken in interpreting injury death rates based on preliminary data, as these tend to be underestimated. See *Deaths: Preliminary data for 2009,* http://www.cdc.gov/nchs/data/nvsr/nvsr59/nvsr59_04.pdf.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

Table BEH1 **Regular cigarette smoking: Percentage of 8th-, 10th-, and 12th-grade students who reported smoking cigarettes daily in the past 30 days by grade, gender, and race and Hispanic origin, selected years 1980–2010**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010
8th grade											
Total	—	—	—	9.3	7.4	4.0	4.0	3.0	3.1	2.7	2.9
Gender											
Male	—	—	—	9.2	7.0	3.9	4.0	3.4	3.2	2.9	3.5
Female	—	—	—	9.2	7.5	4.0	3.8	2.6	2.9	2.3	2.3
Race and Hispanic origin[a]											
White, non-Hispanic	—	—	—	10.5	9.0	4.6	4.6	3.9	3.3	3.2	3.2
Black, non-Hispanic	—	—	—	2.8	3.2	2.1	1.9	2.1	1.9	2.0	1.9
Hispanic	—	—	—	9.2	7.1	3.1	2.8	2.8	2.5	2.2	2.3
10th grade											
Total	—	—	—	16.3	14.0	7.5	7.6	7.2	*	6.3	6.6
Gender											
Male	—	—	—	16.3	13.7	7.2	6.9	7.7	*	6.9	7.2
Female	—	—	—	16.1	14.1	7.7	8.1	6.6	*	5.6	5.9
Race and Hispanic origin[a]											
White, non-Hispanic	—	—	—	17.6	17.7	9.1	8.7	8.8	*	7.1	7.4
Black, non-Hispanic	—	—	—	4.7	5.2	3.9	3.3	3.2	*	3.2	3.5
Hispanic	—	—	—	9.9	8.8	5.9	5.3	3.8	*	4.5	4.4
12th grade											
Total	21.3	19.5	19.1	21.6	20.6	13.6	12.2	12.3	11.4	11.2	10.7
Gender											
Male	18.5	17.8	18.6	21.7	20.9	14.6	12.0	13.0	12.0	11.8	12.3
Female	23.5	20.6	19.3	20.8	19.7	11.9	11.8	11.2	10.6	9.9	8.7
Race and Hispanic origin[a]											
White, non-Hispanic	23.9	20.4	21.8	23.9	25.7	17.1	15.3	14.5	14.3	13.9	13.5
Black, non-Hispanic	17.4	9.9	5.8	6.1	8.0	5.6	5.7	5.8	5.8	5.4	5.3
Hispanic	12.8	11.8	10.9	11.6	15.7	7.7	7.0	6.6	6.7	6.4	5.7

— Not available.

* Data for 10th-graders for 2008 are not included because estimates are considered to be unreliable due to sampling error. See http://www.monitoringthefuture.org/data/09data.html#2009data-drugs.

[a] A 2-year moving average is presented, based on data from the year indicated and the previous year. For data before 2005, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2006 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. In 2005, half of the sample received the earlier version of the question and half received the later one, and their data were combined. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2006, those in each racial category represent those reporting only one race. Data from 2006 onward are not directly comparable with data from earlier years. Hispanics may be of any race.

SOURCE: Johnston, L.D., O'Malley, P.M., Bachman, J.G., and Schulenberg, J.E. (forthcoming, 2011). *Monitoring the Future national survey results on drug use, 1975–2010: Volume I, Secondary school students.* Ann Arbor: Institute for Social Research, The University of Michigan.

Table BEH2 **Alcohol use: Percentage of 8th-, 10th-, and 12th-grade students who reported having five or more alcoholic beverages in a row in the past 2 weeks by grade, gender, and race and Hispanic origin, selected years 1980–2010**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010
8th grade											
Total	—	—	—	12.3	11.7	8.4	8.7	8.3	8.1	7.8	7.2
Gender											
Male	—	—	—	12.5	11.7	8.2	8.6	8.2	8.1	7.8	6.5
Female	—	—	—	12.1	11.3	8.6	8.5	8.2	8.0	7.7	7.8
Race and Hispanic origin[a]											
White, non-Hispanic	—	—	—	12.1	13.0	9.0	8.4	8.0	7.8	7.7	7.1
Black, non-Hispanic	—	—	—	8.3	7.3	6.1	5.7	5.6	5.7	5.2	5.3
Hispanic	—	—	—	18.4	16.0	12.1	11.6	12.5	12.3	11.5	10.8
10th grade											
Total	—	—	—	22.0	24.1	19.0	19.9	19.6	*	17.5	16.3
Gender											
Male	—	—	—	24.1	27.6	19.9	21.0	20.9	*	18.8	17.9
Female	—	—	—	19.7	20.6	17.9	18.9	18.3	*	16.1	14.6
Race and Hispanic origin[a]											
White, non-Hispanic	—	—	—	23.8	26.2	21.8	21.7	21.8	*	17.9	17.2
Black, non-Hispanic	—	—	—	11.1	10.8	9.1	9.1	10.0	*	9.8	10.7
Hispanic	—	—	—	23.3	25.1	22.4	21.2	20.1	*	20.6	22.2
12th grade											
Total	41.2	36.7	32.2	29.8	30.0	27.1	25.4	25.9	24.6	25.2	23.2
Gender											
Male	52.1	45.3	39.1	36.9	36.7	32.6	28.9	30.7	28.4	30.5	28.0
Female	30.5	28.2	24.4	23.0	23.5	21.6	21.5	21.5	21.3	20.2	18.4
Race and Hispanic origin[a]											
White, non-Hispanic	44.3	41.5	36.6	32.3	34.6	32.5	30.4	29.7	29.9	29.0	27.6
Black, non-Hispanic	17.7	15.7	14.4	14.9	11.5	11.3	11.4	11.5	10.9	12.0	13.1
Hispanic	33.1	31.7	25.6	26.6	31.0	23.9	23.3	22.5	21.5	22.6	22.1

— Not available.

* Data for 10th-graders for 2008 are not included because estimates are considered to be unreliable due to sampling error. See http://www.monitoringthefuture.org/data/09data.html#2009data-drugs.

[a] A 2-year moving average is presented, based on data from the year indicated and the previous year. For data before 2005, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2006 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. In 2005, half of the sample received the earlier version of the question and half received the later one, and their data were combined. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2006, those in each racial category represent those reporting only one race. Data from 2006 onward are not directly comparable with data from earlier years. Hispanics may be of any race.

SOURCE: Johnston, L.D., O'Malley, P.M., Bachman, J.G., and Schulenberg, J.E. (forthcoming, 2011). *Monitoring the Future national survey results on drug use, 1975–2010: Volume I, Secondary school students.* Ann Arbor: Institute for Social Research, The University of Michigan.

Table BEH3 **Illicit drug use: Percentage of 8th-, 10th-, and 12th-grade students who reported using illicit drugs in the past 30 days by grade, gender, and race and Hispanic origin, selected years 1980–2010**

Characteristic	1980[a]	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010
8th grade											
Total	—	—	—	12.4	11.9	8.5	8.1	7.4	7.6	8.1	9.5
Gender											
Male	—	—	—	12.7	12.0	8.8	8.0	7.5	7.8	9.0	10.3
Female	—	—	—	11.9	11.3	8.1	8.0	7.1	7.3	7.0	8.6
Race and Hispanic origin[b]											
White, non-Hispanic	—	—	—	18.9	11.2	7.7	7.5	7.1	6.9	7.2	7.9
Black, non-Hispanic	—	—	—	9.1	10.8	9.3	8.6	7.3	7.2	8.2	8.9
Hispanic	—	—	—	16.7	15.2	11.0	10.2	9.5	8.9	9.2	10.8
10th grade											
Total	—	—	—	20.2	22.5	17.3	16.8	16.9	*	17.8	18.5
Gender											
Male	—	—	—	21.1	25.4	18.3	17.9	18.0	*	20.3	21.8
Female	—	—	—	19.0	19.5	16.1	15.4	15.7	*	15.4	15.1
Race and Hispanic origin[b]											
White, non-Hispanic	—	—	—	19.7	23.0	18.2	17.6	17.5	*	16.7	17.7
Black, non-Hispanic	—	—	—	15.5	17.0	16.4	15.0	14.0	*	14.7	16.8
Hispanic	—	—	—	20.6	23.7	19.3	17.0	15.5	*	19.4	19.7
12th grade											
Total	37.2	29.7	17.2	23.8	24.9	23.1	21.5	21.9	22.3	23.3	23.8
Gender											
Male	39.6	32.1	18.9	26.8	27.5	26.7	22.8	25.2	25.0	26.6	27.5
Female	34.3	26.7	15.2	20.4	22.1	19.3	19.7	18.4	19.4	19.9	19.6
Race and Hispanic origin[b]											
White, non-Hispanic	38.8	30.2	20.5	23.8	25.9	25.3	24.0	23.1	23.6	23.9	24.3
Black, non-Hispanic	28.8	22.9	9.0	18.3	20.3	16.1	17.2	17.1	17.8	19.9	21.6
Hispanic	33.1	27.2	13.9	21.4	27.4	19.6	19.4	18.5	18.1	19.2	20.2

— Not available.

* Data for 10th-graders for 2008 are not included because estimates are considered to be unreliable due to sampling error. See http://www.monitoringthefuture.org/data/09data.html#2009data-drugs.

[a] Beginning in 1982, the question about stimulant use (i.e., amphetamines) was revised to get respondents to exclude the inappropriate reporting of nonprescription stimulants. The prevalence rate dropped slightly as a result of this methodological change.

[b] A 2-year moving average is presented, based on data from the year indicated and the previous year. For data before 2005, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2006 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. In 2005, half of the sample received the earlier version of the question and half received the later one, and their data were combined. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2006, those in each racial category represent those reporting only one race. Data from 2006 onward are not directly comparable with data from earlier years. Hispanics may be of any race.

NOTE: Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, or tranquilizers not under a doctor's orders. For 8th- and 10th-graders, the use of other narcotics and barbiturates has been excluded because these younger respondents appear to overreport use (perhaps because they include the use of nonprescription drugs in their answers).

SOURCE: Johnston, L.D., O'Malley, P.M., Bachman, J.G., and Schulenberg, J.E. (forthcoming, 2011). *Monitoring the Future national survey results on drug use, 1975–2010: Volume I, Secondary school students.* Ann Arbor: Institute for Social Research, The University of Michigan.

Table BEH4.A

Sexual activity: Percentage of high school students who reported ever having had sexual intercourse by gender, race and Hispanic origin, and grade, selected years 1991–2009

Characteristic	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009
Total	54.1	53.0	53.1	48.4	49.9	45.6	46.7	46.8	47.8	46.0
Gender										
Male	57.4	55.6	54.0	48.9	52.2	48.5	48.0	47.9	49.8	46.1
Female	50.8	50.2	52.1	47.7	47.7	42.9	45.3	45.7	45.9	45.7
Race and Hispanic origin[a]										
White, non-Hispanic	50.0	48.4	48.9	43.6	45.1	43.2	41.8	43.0	43.7	42.0
Black, non-Hispanic	81.5	79.7	73.4	72.7	71.2	60.8	67.3	67.6	66.5	65.2
Hispanic	53.1	56.0	57.6	52.2	54.1	48.4	51.4	51.0	52.0	49.1
Other[b]	43.8	43.4	45.9	45.3	45.6	40.1	41.6	36.4	35.2	37.8
Grade										
9th grade	39.0	37.7	36.9	38.0	38.6	34.4	32.8	34.3	32.8	31.6
10th grade	48.2	46.1	48.0	42.5	46.8	40.8	44.1	42.8	43.8	40.9
11th grade	62.4	57.5	58.6	49.7	52.5	51.9	53.2	51.4	55.5	53.0
12th grade	66.7	68.3	66.4	60.9	64.9	60.5	61.6	63.1	64.6	62.3

[a] From 1991 to 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. In each survey, a single-question format (approved by OMB) was used to ask about both race and ethnicity. In 2005, the national Youth Risk Behavior Survey (YRBS) applied OMB's 1997 revision to the 1977 directive and began asking about race and ethnicity in a two-question format (a methodological study[1] has been conducted to confirm that trend analyses would not be affected by the change in format starting with the 2005 survey). In addition, note that data on race and Hispanic origin are collected separately, but are combined for reporting. Regardless of question format, the data have been combined to create the following standard categories—White, non-Hispanic, Black, non-Hispanic, and Hispanic. Estimates are not shown separately for American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander races due to the small sample size for each of these groups.

[b] Students were coded as "Other" if they (1) did not self-report as Hispanic, and (2) selected "American Indian or Alaska Native," "Asian," and/or "Native Hawaiian or Other Pacific Islander," or selected more than one response to a question on race.

NOTE: Data are based on the student's response to the question, "Have you ever had sexual intercourse?"

SOURCE: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Youth Risk Behavior Surveillance System.

[1] Brener, N.D., Kann, L., and McManus, T. (2003). A comparison of two survey questions on race and ethnicity among high school students. *Public Opinion Quarterly, 67,* 227–236.

Table BEH4.B/C

Sexual activity: Among those who reported having had sexual intercourse during the past 3 months, the percentage of high school students who reported use of birth control pills to prevent pregnancy and the percentage who reported condom use during last sexual intercourse, selected years 1991–2009

Characteristic	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009
Used birth control pills to prevent pregnancy before last sexual intercourse										
Total	20.8	18.4	17.4	16.6	16.2	18.2	17.0	17.6	16.0	19.8
Used a condom during last sexual intercourse										
Total	46.2	52.8	54.4	56.8	58.0	57.9	63.0	62.8	61.5	61.1

NOTE: Data for birth control pill use are based on the student's response to the question, "The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy?"; "birth control pills" was one option, in addition to "I have never had sexual intercourse," "No method was used to prevent pregnancy," "Condoms," "Depo-Provera (injectable birth control)," "Withdrawal," "Some other method," and "Not sure." Data for condom use are based on the student's response to the question, "The last time you had sexual intercourse, did you or your partner use a condom?"

SOURCE: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Youth Risk Behavior Surveillance System.

Table BEH5 **Youth perpetrators of serious violent crimes: Rate and number of serious violent crimes by youth ages 12–17, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006[a]	2007	2008	2009[b]
Rate per 1,000 youth ages 12–17										
Total	34.9	30.2	39.1	36.3	17.1	17.1	17.4	10.9	13.7	11.2
Number of serious violent crimes										
Total (in millions)	3.8	3.4	3.5	3.3	2.2	1.8	2.3	1.6	1.5	1.5
Number involving youth ages 12–17 (in thousands)	812	652	785	812	412	435	443	277	343	276
Percentage involving youth ages 12–17	21.3	19.4	22.4	24.7	19.0	23.9	19.6	17.1	22.3	18.9
Percentage of juvenile crimes involving multiple offenders	61.4	61.4	61.1	54.5	58.7	50.0	44.4	56.0	42.4	58.2

[a] Due to changes in methodology, the 2006 national crime perpetration rates are not comparable to other years and cannot be used for yearly trend comparisons. See *Criminal Victimization, 2006,* http://bjs.ojp.usdoj.gov/index.cfm?ty=pbdetail&iid=765.

[b] Homicide data were not available for 2009 at the time of publication. The number of homicides for 2008 is included in the overall total for 2009. In 2008, homicides represented less than 1 percent of serious violent crime and the total number of homicides by juveniles has been relatively stable over the last decade.

NOTE: The offending rate is the ratio of the number of crimes (aggravated assault, rape, and robbery, i.e., stealing by force or threat of violence) reported to the National Crime Victimization Survey that involved at least one offender perceived by the victim to be 12–17 years of age, plus the number of homicides reported to the police that involved at least one juvenile offender, to the number of juveniles in the population. Because of changes made in the victimization survey, data prior to 1992 are adjusted to make them comparable with data collected under the redesigned methodology.

SOURCE: Bureau of Justice Statistics, National Crime Victimization Survey and Federal Bureau of Investigation, Uniform Crime Reporting Program, Supplementary Homicide Reports.

Table ED1 **Family reading to young children: Percentage of children ages 3–5[a] who were read to every day in the last week by a family member by child and family characteristics, selected years 1993–2007**

Characteristic	1993	1995	1996	1999	2001	2005	2007
Total	52.8	58.0	56.5	53.5	57.5	60.3	55.3
Gender							
Male	51.3	57.0	55.6	52.3	54.5	58.7	53.8
Female	54.4	59.0	57.4	54.8	60.5	62.1	56.9
Race and Hispanic origin[b]							
White, non-Hispanic	59.1	65.4	64.3	61.3	64.2	67.7	67.4
Black, non-Hispanic	38.7	42.5	43.7	41.2	47.3	49.7	34.6
Asian or Pacific Islander, non-Hispanic	45.7	37.3	62.2	53.8	51.4	65.6	60.4
Hispanic	37.3	38.3	39.1	33.0	41.8	44.7	37.3
Poverty status							
Below 100% poverty	43.6	46.6	46.8	38.7	48.3	50.0	39.7
100–199% poverty	49.1	55.7	52.0	51.4	51.8	59.5	49.6
200% poverty and above	60.9	65.2	65.5	61.8	64.1	65.0	63.9
Family type							
Two parents[c]	55.3	61.2	60.7	57.8	60.7	62.2	58.9
Two parents, married	—	—	—	—	61.1	63.3	61.9
Two parents, unmarried	—	—	—	—	56.8	49.8	24.4
One parent	46.0	49.2	45.6	42.4	47.2	53.0	42.7
No parents	45.9	51.6	47.9	50.6	52.8	64.2	38.0
Mother's highest level of education[d]							
Less than high school	36.9	39.9	37.4	38.7	41.2	41.3	30.8
High school diploma or equivalent	47.7	48.0	49.0	45.2	49.2	55.2	39.4
Some college, including vocational/technical/associate's degree	56.5	63.6	61.8	53.0	59.8	59.8	54.6
Bachelor's degree or higher	70.7	75.7	76.5	70.8	72.8	72.4	73.7
Mother's employment status[d]							
Worked 35 hours or more per week	51.5	55.3	54.3	48.9	55.1	56.6	51.1
Worked less than 35 hours per week	55.9	63.1	58.7	55.6	62.6	60.6	63.0
Looking for work	43.7	46.3	53.0	46.5	53.8	62.7	40.2
Not in labor force	54.8	59.8	59.4	59.7	58.2	64.5	57.9
Region[e]							
Northeast	58.9	64.2	61.2	59.0	62.4	66.4	59.3
South	48.3	53.7	54.7	51.1	53.3	55.7	52.1
Midwest	54.1	61.0	56.6	57.3	58.0	62.3	59.4
West	52.8	54.8	54.0	47.5	58.6	61.4	53.5

—Not available.

[a] Estimates are based on children who have yet to enter kindergarten.

[b] From 1993 to 2001, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. For data from 2005 and 2007, the revised 1997 OMB standards were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native and respondents with "Two or more races." For continuity purposes, in 2005 and 2007, respondents who reported the child being Asian or Native Hawaiian or Other Pacific Islander were combined. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[c] Refers to adults' relationship to child and does not indicate marital status.

[d] Children without mothers in the home are not included in estimates.

[e] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Surveys Program.

Table ED2.A/B **Mathematics and reading achievement: Average mathematics scale scores of 4th-, 8th-, and 12th-graders by child and family characteristics, selected years 1990–2009**

Characteristic	1990[a]	1992[a]	1996[a]	1996	2000	2003	2005	2007	2009
4th-graders									
Total	213	220	224	224	226	235	238	240	240
Gender									
Male	214	221	226	224	227	236	239	241	241
Female	213	219	222	223	224	233	237	239	239
Race and Hispanic origin[b]									
White, non-Hispanic	220	227	231	232	234	243	246	248	248
Black, non-Hispanic	188	193	199	198	203	216	220	222	222
American Indian or Alaska Native, non-Hispanic	—	—	—	217	208	223	226	228	225
Asian or Pacific Islander, non-Hispanic	225	231	226	229	—	246	251	253	255
Hispanic	200	202	205	207	208	222	226	227	227
8th-graders									
Total	263	268	272	270	273	278	279	281	283
Gender									
Male	263	268	272	271	274	278	280	282	284
Female	262	269	272	269	272	277	278	280	282
Race and Hispanic origin[b]									
White, non-Hispanic	270	277	281	281	284	288	289	291	293
Black, non-Hispanic	237	237	242	240	244	252	255	260	261
American Indian or Alaska Native, non-Hispanic	—	—	—	—	259	263	264	264	266
Asian or Pacific Islander, non-Hispanic	275	290	—	—	288	291	295	297	301
Hispanic	246	249	251	251	253	259	262	265	266
Parents' education									
Less than high school	242	249	254	250	253	257	259	263	265
High school diploma or equivalent	255	257	261	260	261	267	267	270	270
Some education after high school	267	271	279	277	277	280	280	283	284
Bachelor's degree or higher	274	281	282	281	286	288	290	292	295

See notes at end of table.

Table ED2.A/B (cont.) **Mathematics and reading achievement: Average mathematics scale scores of 4th-, 8th-, and 12th-graders by child and family characteristics, selected years 1990–2009**

Characteristic	1990[a]	1992[a]	1996[a]	1996	2000	2003	2005	2007	2009
12th-graders									
Total	294	299	304	302	300	—	150[c]	—	153[c]
Gender									
Male	297	301	305	303	302	—	151[c]	—	155[c]
Female	291	298	303	300	299	—	149[c]	—	152[c]
Race and Hispanic origin[b]									
White, non-Hispanic	300	305	311	309	307	—	157[c]	—	161[c]
Black, non-Hispanic	268	275	280	275	273	—	127[c]	—	131[c]
American Indian or Alaska Native, non-Hispanic	—	—	284	—	294	—	134[c]	—	144[c]
Asian or Pacific Islander, non-Hispanic	311	312	312	305	315	—	163[c]	—	175[c]
Hispanic	276	286	287	284	282	—	133[c]	—	138[c]
Parents' education									
Less than high school	272	278	282	280	278	—	130[c]	—	135[c]
High school diploma or equivalent	283	288	294	290	287	—	138[c]	—	142[c]
Some education after high school	297	299	302	302	299	—	148[c]	—	150[c]
Bachelor's degree or higher	306	311	314	313	312	—	161[c]	—	164[c]

— Not available.

[a] Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted.

[b] For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data from 2003 onward. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are respondents with "Two or more races." Beginning in 2003, those in a given racial category represent those reporting only that race. Data from 2003 onward are not directly comparable with data from earlier years. For continuity purposes, respondents who reported being Asian or Native Hawaiian or Other Pacific Islander were combined. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[c] In 2003 and 2007, the mathematics assessment was not conducted at grade 12. The National Governing Board (NAGB) introduced changes in the NAEP mathematics framework in both the assessment content and administration for assessments beginning in 2005. In addition, the results of the revised assessment are placed on a scale of 0–300, unlike previous assessments, which were placed on a scale of 0–500. Thus, the 12th-grade assessment results from 2005 and 2009 cannot be compared with those of previous assessments.

NOTE: Parents' education is the highest educational attainment of either parent. Data on parents' education are not reliable for 4th-graders.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress.

Table ED2.C **Mathematics and reading achievement: Average reading scale scores of 4th-, 8th-, and 12th-graders by child and family characteristics, selected years 1992–2009**

Characteristic	1992[a]	1994[a]	1998[a]	1998	2000	2002	2003	2005	2007	2009
4th-graders										
Total	217	214	217	215	213	219	218	219	221	221
Gender										
Male	213	209	214	212	208	215	215	216	218	218
Female	221	220	220	217	219	222	222	222	224	224
Race and Hispanic origin[b]										
White, non-Hispanic	224	224	226	225	224	229	229	229	231	230
Black, non-Hispanic	192	185	193	193	190	199	198	200	203	205
American Indian or Alaska Native, non-Hispanic	—	211	—	—	214	207	202	204	203	204
Asian or Pacific Islander, non-Hispanic	216	220	221	215	225	224	226	229	232	235
Hispanic	197	188	195	193	190	201	200	203	205	205
8th-graders										
Total	260	260	264	263	—	264	263	262	263	264
Gender										
Male	254	252	257	256	—	260	258	257	258	259
Female	267	267	270	270	—	269	269	267	268	269
Race and Hispanic origin[b]										
White, non-Hispanic	267	267	271	270	—	272	272	271	272	273
Black, non-Hispanic	237	236	243	244	—	245	244	243	245	246
American Indian or Alaska Native, non-Hispanic	—	248	—	—	—	250	246	249	247	251
Asian or Pacific Islander, non-Hispanic	268	265	267	264	—	267	270	271	271	274
Hispanic	241	243	245	243	—	247	245	246	247	249
Parents' education										
Less than high school	243	238	243	242	—	248	245	244	245	248
High school diploma or equivalent	251	252	254	254	—	257	254	252	253	254
Some education after high school	265	266	269	268	—	268	267	265	266	267
Bachelor's degree or higher	271	270	274	273	—	274	273	272	273	274

See notes at end of table.

Table ED2.C (cont.) **Mathematics and reading achievement: Average reading scale scores of 4th-, 8th-, and 12th-graders by child and family characteristics, selected years 1992–2009**

Characteristic	1992[a]	1994[a]	1998[a]	1998	2000	2002	2003	2005	2007	2009
12th-graders										
Total	292	287	291	290	—	287	—	286	—	288
Gender										
Male	287	280	283	282	—	279	—	279	—	282
Female	297	294	298	298	—	295	—	292	—	294
Race and Hispanic origin[b]										
White, non-Hispanic	297	293	297	297	—	292	—	293	—	296
Black, non-Hispanic	273	265	271	269	—	267	—	267	—	269
American Indian or Alaska Native, non-Hispanic	—	274	—	—	—	—	—	279	—	283
Asian or Pacific Islander, non-Hispanic	290	278	288	287	—	286	—	287	—	298
Hispanic	279	270	276	275	—	273	—	272	—	274
Parents' education										
Less than high school	275	266	268	268	—	268	—	268	—	269
High school diploma or equivalent	283	277	280	279	—	278	—	274	—	276
Some education after high school	294	289	292	291	—	289	—	287	—	287
Bachelor's degree or higher	301	298	301	300	—	296	—	297	—	299

— Not available.

[a] Testing accommodations (e.g., extended time, small group testing) for children with disabilities and limited-English-proficient students were not permitted.

[b] For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data from 2003 onward. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are respondents with "Two or more races." Beginning in 2003, those in a given racial category represent those reporting only that race. Data from 2003 onward are not directly comparable with data from earlier years. For continuity purposes, respondents who reported being Asian or Native Hawaiian or Other Pacific Islander were combined. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

NOTE: In 2000, the assessment was only conducted at grade 4. In 2003 and 2007, the assessment was only conducted at grades 4 and 8. Parents' education is the highest educational attainment of either parent. Data on parents' education are not reliable for 4th-graders.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress.

Table ED3.A **High school academic coursetaking: Percentage distribution of high school graduates by the highest level of mathematics courses taken, selected years 1982–2005**

Characteristic	1982	1987	1990	1992	1994	1998	2000	2005
Nonacademic or low academic								
Total	24.1	19.5	17.2	12.5	11.8	8.9	6.5	4.2
Middle academic								
Total	48.8	50.1	51.6	49.0	49.4	48.9	48.0	45.6
Algebra I/geometry	30.6	27.0	25.4	22.7	22.5	21.2	18.6	17.2
Algebra II	18.2	23.1	26.2	26.4	26.9	27.7	29.4	28.5
Advanced academic								
Total	26.3	29.5	30.6	38.1	38.1	41.4	44.6	48.8
Trigonometry/algebra III	15.6	12.9	12.9	16.4	16.3	14.4	14.1	15.5
Precalculus	4.8	9.0	10.4	10.9	11.6	15.2	18.0	18.8
Calculus	5.9	7.6	7.2	10.7	10.2	11.8	12.5	14.5

NOTE: Totals do not add to 100 because a small percentage of students completed no mathematics or only basic or remedial-level courses. The distribution of graduates among the various levels of mathematics courses was determined by the level of the most academically advanced course they had completed. Graduates may have completed advanced levels of courses without having taken courses at lower levels.

The courses classified at these mathematics academic levels are:

Nonacademic: General mathematics I or II; basic mathematics I, II, or III; consumer mathematics; technical or vocational mathematics; and mathematics review.

Low academic: Pre-algebra; algebra I (taught over 2 years); and geometry (informal).

Algebra I/geometry: Algebra I; plane geometry; plane and solid geometry; unified mathematics I and II; and pure mathematics.

Algebra II: Algebra II and unified mathematics III.

Trigonometry/algebra III: Algebra III; algebra/trigonometry; algebra/analytical geometry; trigonometry; trigonometry/solid geometry; analytical geometry; linear algebra; probability; probability/statistics; statistics (other); and independent study.

Precalculus: Precalculus and introduction to analysis.

Calculus: Advanced Placement calculus; calculus; and calculus/analytical geometry.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Studies: High School and Beyond Study of 1980 Sophomores (1982), National Education Longitudinal Study of 1988 (1992), and National Assessment of Educational Progress Transcript Study (1987, 1990, 1994, 1998, 2000, and 2005).

Table ED3.B **High school academic coursetaking: Percentage distribution of high school graduates by the highest level of science courses taken, selected years 1982–2005**

Characteristic	1982	1987	1990	1992	1994	1998	2000	2005
Low academic								
Total	27.2	15.8	12.8	9.7	10.0	9.3	8.7	7.4
Primary physical science	12.2	6.7	4.2	2.8	1.9	3.0	2.8	1.9
Secondary physical science and basic biology	15.0	9.1	8.7	6.9	8.2	6.3	5.9	5.5
Middle academic								
General biology	35.2	41.5	37.0	36.4	34.1	28.6	27.5	28.9
Advanced academic								
Total	35.4	41.9	49.5	53.5	55.3	61.5	63.1	62.5
Chemistry I or physics I	14.9	21.4	25.8	27.1	29.4	30.2	30.5	30.1
Chemistry I and physics I	5.9	10.6	12.3	12.2	13.0	16.3	14.8	12.8
Chemistry II, physics II, and/or advanced biology	14.6	9.9	11.4	14.3	12.9	15.1	17.9	19.6

NOTE: Totals do not add to 100 because a small percentage of students completed no science or only basic or remedial-level courses.

The courses classified at these science academic levels are:

Primary physical science: Physical science; applied physical science; earth science; college preparatory earth science; and unified science.

Secondary physical science and basic biology: Astronomy; geology; environmental science; oceanography; general physics; and basic biology I.

General biology: General biology I; ecology; zoology; marine biology; human physiology; and general or honors biology II.

Chemistry I or physics I: Introductory chemistry; chemistry I; organic chemistry; physical chemistry; consumer chemistry; general physics; and physics I.

Chemistry I and physics I: 1 chemistry and 1 physics course from the list above.

Chemistry II, physics II, and/or advanced biology: International Baccalaureate (IB) biology II; IB biology III; AP biology; field biology; genetics; biopsychology; biology seminar; biochemistry and biophysics; biochemistry; botany; cell and molecular biology; cell biology; microbiology; anatomy; chemistry II; IB chemistry II; IB chemistry III; AP chemistry; physics II; IB physics; AP physics B; AP physics C: mechanics; AP physics C: electricity/magnetism; and physics II without calculus.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Studies: High School and Beyond Study of 1980 Sophomores (1982), National Education Longitudinal Study of 1988 (1992), and National Assessment of Educational Progress Transcript Study (1987, 1990, 1994, 1998, 2000, and 2005).

Table ED3.C **High school academic coursetaking: Percentage distribution of high school graduates by the highest level of English courses taken, selected years 1982–2005**

Characteristic	1982	1987	1990	1992	1994	1998	2000	2005
Low academic								
Total	10.0	22.1	19.6	18.0	17.6	13.7	10.7	11.6
Middle academic								
Total	76.7	55.6	60.2	57.3	56.5	56.1	54.7	56.4
Advanced academic								
Total	13.3	21.5	19.6	24.4	25.1	29.3	33.9	30.9
Less than 50 percent in honors	6.1	7.9	7.0	7.6	7.7	9.1	11.6	9.1
50–74 percent in honors	3.3	5.0	3.6	5.8	5.4	7.7	7.2	7.4
75 percent or more in honors	3.8	8.7	9.1	11.1	12.0	12.4	15.1	14.3

NOTE: Totals do not add up to 100 because a small percentage of students completed no English courses or only English as a second language (ESL) courses.

The classification system for these English academic levels is:

Low academic: Graduates who have taken general English courses classified as "below grade level" as the majority of their English courses. Graduates may have taken a general English course classified as "honors" and be classified in the low academic level.

Middle academic: Graduates who completed English courses classified at grade level; no low academic level or honors courses.

Less than 50 percent honors: Graduates for whom the number of completed courses classified as honors level, when divided by the total number of completed low-, regular-, and honors-level academic courses, yields a percentage of less than 50.

50–74 percent in honors: Graduates for whom the number of completed courses classified as honors level, when divided by the total number of completed low-, regular-, and honors-level academic courses, yields a percentage of 50 or greater and less than 75.

75 percent or more in honors: Graduates for whom the number of completed courses classified as honors level, when divided by the total number of completed low-, regular-, and honors-level academic courses, yields a percentage between 75 and 100.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Studies: High School and Beyond Study of 1980 Sophomores (1982), National Education Longitudinal Study of 1988 (1992), and National Assessment of Educational Progress Transcript Study (1987, 1990, 1994, 1998, 2000, and 2005).

Table ED3.D **High school academic coursetaking: Percentage distribution of high school graduates by the highest level of foreign language courses taken, selected years 1982–2005**

Characteristic	1982	1987	1990	1992	1994	1998	2000	2005[a]
No foreign language								
Total	45.6	33.3	26.9	22.5	22.3	19.4	17.4	16.4
Low academic								
Total	39.8	47.5	51.4	51.8	51.8	50.7	52.8	50.2
Year 1 or less	20.4	22.6	21.2	19.9	19.8	19.2	18.0	13.0
Year 2	19.5	24.9	30.2	32.0	32.1	31.5	34.9	37.1
Advanced academic								
Total	14.6	19.2	21.7	25.7	25.9	30.0	29.8	33.5
Year 3	8.9	11.9	12.9	14.8	15.0	17.4	16.5	18.6
Year 4	4.5	5.4	5.6	7.7	7.8	8.6	7.8	8.9
Advanced placement	1.2	1.9	3.2	3.2	3.1	4.1	5.4	5.9

[a] Expanded foreign language coursetaking based upon classes in Amharic (Ethiopian), Arabic, Chinese (Cantonese or Mandarin), Czech, Dutch, Finnish, French, German, Greek (Classical or Modern), Hawaiian, Hebrew, Italian, Japanese, Korean, Latin, Norse (Norwegian), Polish, Portuguese, Russian, Spanish, Swahili, Swedish, Turkish, Ukrainian, or Yiddish.

NOTE: Foreign language coursetaking based upon classes in Spanish, French, Latin, or German, unless noted otherwise. From 1982 to 2000, less than 1 percent of students studied only a foreign language other than Spanish, French, Latin, or German. The distribution of graduates among the various levels of foreign language courses was determined by the level of the most academically advanced course they completed. Graduates who had completed courses in different languages were counted according to the highest level course completed. Graduates may have completed advanced levels of courses without having taken courses at lower levels.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Studies: High School and Beyond Study of 1980 Sophomores (1982), National Education Longitudinal Study of 1988 (1992), and National Assessment of Educational Progress Transcript Study (1987, 1990, 1994, 1998, 2000, and 2005).

Table ED4

High school completion: Percentage of young adults ages 18–24[a] who have completed high school by race and Hispanic origin and method of completion, selected years 1980–2009

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Total										
Total completing high school[b]	83.9	85.4	85.6	85.3	86.5	87.6	87.8	89.0	89.9	89.8
Method of completion										
Diploma	—	—	80.6	77.5	—	—	—	—	—	—
Equivalent	—	—	4.9	7.7	—	—	—	—	—	—
White, non-Hispanic[c]										
Total completing high school[b]	87.5	88.2	89.6	89.8	91.8	92.3	92.6	93.5	94.2	93.8
Method of completion										
Diploma	—	—	85.0	83.0	—	—	—	—	—	—
Equivalent	—	—	5.0	7.0	—	—	—	—	—	—
Black, non-Hispanic[c]										
Total completing high school[b]	75.2	81.0	83.2	84.5	83.7	86.0	84.9	88.8	86.9	87.1
Method of completion										
Diploma	—	—	78.0	75.0	—	—	—	—	—	—
Equivalent	—	—	5.0	9.0	—	—	—	—	—	—
American Indian or Alaska Native[c]										
Total completing high school[b]	—	—	—	—	82.4	80.4	81.6	77.9	82.5	82.4
Method of completion										
Diploma	—	—	—	—	—	—	—	—	—	—
Equivalent	—	—	—	—	—	—	—	—	—	—
Asian or Pacific Islander[c]										
Total completing high school[b]	—	—	—	—	94.6	95.8	95.8	93.1	95.5	95.9
Method of completion										
Diploma	—	—	—	—	—	—	—	—	—	—
Equivalent	—	—	—	—	—	—	—	—	—	—
Two or more races[c]										
Total completing high school[b]	—	—	—	—	—	89.5	89.7	90.4	94.2	89.2
Method of completion										
Diploma	—	—	—	—	—	—	—	—	—	—
Equivalent	—	—	—	—	—	—	—	—	—	—
Hispanic[c]										
Total completing high school[b]	57.1	66.6	59.1	62.8	64.1	70.3	70.9	72.7	75.5	76.8
Method of completion										
Diploma	—	—	55.0	54.0	—	—	—	—	—	—
Equivalent	—	—	4.0	9.0	—	—	—	—	—	—

— Not available.

[a] Excludes those enrolled in high school or below.

[b] From 1980 to 1991, high school completion was measured as completing 4 years of high school rather than the actual attainment of a high school diploma or equivalent.

[c] For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Those reporting more than one race were classified as "Two or more races." For continuity purposes, respondents who reported being Asian or Native Hawaiian or Other Pacific Islander were combined. Beginning in 2003, those in a given racial category represent those reporting only that race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

NOTE: Diploma equivalents include alternative credentials obtained by passing exams such as the General Educational Development (GED) test. Examination of the changes in the Current Population Survey (CPS) alternative credential items in the October 2000 School Enrollment Supplement and subsequent years has indicated that these estimates may not be reliable estimates of high school equivalency completions; therefore, estimates by method of completion are not shown for 2000 and subsequent years.

SOURCE: U.S. Census Bureau, Current Population Survey, School Enrollment Supplement.

Table ED5.A **Youth neither enrolled in school[a] nor working: Percentage of youth ages 16–19 who are neither enrolled in school nor working by age, gender, and race and Hispanic origin, selected years 1985–2010**

Characteristic	1985	1990	1995[b]	2000[b]	2005[b]	2006[b]	2007[b]	2008[b]	2009[b]	2010[b]
Ages 16–19										
Total	11	10	9	8	8	8	8	8	9	9
Gender										
Male	9	8	8	7	7	7	8	8	10	9
Female	13	12	11	9	8	8	8	8	9	9
Race and Hispanic origin[c]										
White, non-Hispanic	9	8	7	6	6	6	6	7	7	8
Black, non-Hispanic	18	15	14	13	12	11	11	11	12	12
Hispanic	17	17	16	13	12	11	11	11	13	11
Ages 16–17										
Total	5	5	4	4	3	3	4	4	4	3
Gender										
Male	5	4	4	3	3	3	4	4	4	4
Female	6	5	5	4	3	3	4	4	4	3
Race and Hispanic origin[c]										
White, non-Hispanic	5	4	3	3	3	3	3	3	3	3
Black, non-Hispanic	6	6	6	5	4	4	4	5	5	5
Hispanic	10	10	9	7	5	6	6	5	5	5
Ages 18–19										
Total	17	15	15	12	13	13	13	14	15	15
Gender										
Male	13	12	12	11	13	12	13	13	16	16
Female	20	18	17	13	13	14	13	14	14	15
Race and Hispanic origin[c]										
White, non-Hispanic	14	12	11	9	10	10	10	11	12	13
Black, non-Hispanic	30	23	24	21	20	19	19	20	20	21
Hispanic	24	24	23	18	19	17	18	19	21	19

[a] School refers to both high school and college.

[b] Data for 1994 and subsequent years are not strictly comparable with data for prior years because of revisions to the questionnaire and data collection methodology for the Current Population Survey (CPS). Beginning in 2000, data incorporate population controls from Census 2000.

[c] For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2003, those in each racial category represent those reporting only one race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

NOTE: Data relate to the labor force and enrollment status of persons ages 16–19 in the civilian noninstitutionalized population during an "average" week of the school year. The percentages represent an average based on responses to the survey questions for the months that youth are usually in school (January through May and September through December). Results are based on uncomposited estimates and are not comparable to data from published tables.

SOURCE: Bureau of Labor Statistics, Current Population Survey.

Table ED5.B **Youth enrolled in school[a] and working: Percentage of youth ages 16–19 who are enrolled in school and working by age, gender, and race and Hispanic origin, selected years 1985–2010**

Characteristic	1985	1990	1995[b]	2000[b]	2005[b]	2006[b]	2007[b]	2008[b]	2009[b]	2010[b]
Ages 16–19										
Total	26	28	29	30	25	25	24	22	19	18
Gender										
Male	26	27	28	29	23	23	21	20	17	16
Female	26	28	30	32	27	27	26	25	22	20
Race and Hispanic origin[c]										
White, non-Hispanic	30	33	35	36	31	31	29	27	24	22
Black, non-Hispanic	12	15	16	19	13	15	13	12	10	10
Hispanic	15	17	16	19	17	17	17	16	13	12
Ages 16–17										
Total	29	29	30	31	23	23	21	19	16	14
Gender										
Male	28	29	29	29	20	21	20	17	14	12
Female	29	30	31	32	25	25	23	21	17	15
Race and Hispanic origin[c]										
White, non-Hispanic	34	36	37	37	29	29	27	24	21	18
Black, non-Hispanic	12	15	16	19	10	13	11	9	7	7
Hispanic	15	17	14	18	14	15	13	12	9	8
Ages 18–19										
Total	23	26	28	30	28	28	26	26	23	22
Gender										
Male	23	25	27	28	26	25	23	23	20	19
Female	23	26	30	31	30	30	29	28	26	25
Race and Hispanic origin[c]										
White, non-Hispanic	26	30	33	35	33	33	30	30	28	26
Black, non-Hispanic	12	15	17	18	16	18	16	16	13	13
Hispanic	15	16	19	20	21	19	20	20	18	17

[a] School refers to both high school and college.

[b] Data for 1994 and subsequent years are not strictly comparable with data for prior years because of revisions to the questionnaire and data collection methodology for the Current Population Survey (CPS). Beginning in 2000, data incorporate population controls from Census 2000.

[c] For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2003, those in each racial category represent those reporting only one race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

NOTE: Data relate to the labor force and enrollment status of persons ages 16–19 in the civilian noninstitutionalized population during an "average" week of the school year. The percentages represent an average based on responses to the survey questions for the months that youth are usually in school (January through May and September through December). Results are based on uncomposited estimates and are not comparable to data from published tables.

SOURCE: Bureau of Labor Statistics, Current Population Survey.

Table ED6

College enrollment: Percentage of high school completers who were enrolled in college the October immediately after completing high school by gender and race and Hispanic origin, selected years 1980–2009

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009
Total	49.3	57.7	60.1	61.9	63.3	68.6	66.0	67.2	68.6	70.1
Gender										
Male	46.7	58.6	58.0	62.6	59.9	66.5	65.8	66.1	65.9	66.0
Female	51.8	56.8	62.2	61.3	66.2	70.4	66.1	68.3	71.6	73.8
Race and Hispanic origin[a]										
White, non-Hispanic	49.8	60.1	63.0	64.3	65.7	73.2	68.5	69.5	71.7	71.3
Black, non-Hispanic[b]										
Total	42.7	42.2	46.8	51.2	54.9	55.7	55.5	55.7	55.7	69.5
3-year moving average[c]	44.0	39.5	48.9	52.9	56.3	58.2	55.6	55.7	60.3	62.6
Hispanic[b]										
Total	52.3	51.0	42.7	53.7	52.9	54.0	57.9	64.0	63.9	59.3
3-year moving average[c]	49.6	46.1	52.5	51.6	48.6	57.5	58.5	62.0	62.3	61.6

[a] For data before 2003, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The revised 1997 OMB standards were used for data for 2003 and later years. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 2003, those in a given racial category represent those reporting only that race. Data from 2003 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[b] Due to the small sample sizes, data for Blacks and Hispanics are subject to relatively large sampling errors.

[c] Moving averages are used to produce more stable estimates. A 3-year moving average is the average of the estimates for the year prior to the reported year, the reported year, and the following year. For 2009, a 2-year moving average is used, reflecting an average of the 2008 and 2009 estimates.

NOTE: Enrollment in college as of October of each year for individuals ages 16–24 who completed high school during the preceding 12 months. High school completion includes General Educational Development (GED) certificate recipients.

SOURCE: U.S. Census Bureau, Current Population Survey, School Enrollment Supplement.

Table HEALTH1.A **Preterm birth: Percentage of infants born preterm by detailed race and Hispanic origin of mother, selected years 1990–2009**

Characteristic	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009[a]
Preterm (less than 37 completed weeks of gestation)										
Total	10.6	11.0	11.6	12.3	12.5	12.7	12.8	12.7	12.3	12.2
Race and Hispanic origin[b]										
White, non-Hispanic	8.5	9.4	10.4	11.3	11.5	11.7	11.7	11.5	11.1	10.9
Black, non-Hispanic	18.9	17.8	17.4	17.8	17.9	18.4	18.5	18.3	17.5	17.5
American Indian or Alaskan Native	11.8	12.4	12.7	13.5	13.7	14.1	14.2	13.9	13.6	13.4
Asian or Pacific Islander	10.1	9.9	9.9	10.5	10.5	10.8	10.9	10.9	10.7	10.8
Chinese	7.3	7.2	7.3	—	—	—	—	—	—	—
Japanese	7.7	8.3	8.3	—	—	—	—	—	—	—
Filipino	11.4	11.7	12.2	—	—	—	—	—	—	—
Hawaiian	11.3	11.0	11.7	—	—	—	—	—	—	—
Other Asian or Pacific Islander	10.6	10.3	10.1	—	—	—	—	—	—	—
Hispanic	11.0	10.9	11.2	11.9	12.0	12.1	12.2	12.3	12.1	12.0
Mexican American	10.6	10.6	11.0	11.7	11.8	11.8	11.9	11.9	11.7	—
Puerto Rican	13.4	13.4	13.5	13.8	14.0	14.3	14.4	14.5	14.1	—
Cuban	9.8	10.1	10.6	11.8	12.8	13.2	13.1	13.4	13.6	—
Central or South American	10.9	10.7	11.0	11.4	11.7	12.0	12.1	12.1	12.0	—
Other and unknown Hispanic	11.2	11.7	12.2	12.6	12.6	13.6	14.2	14.1	13.3	—
Late preterm (34–36 completed weeks of gestation)										
Total	7.3	7.7	8.2	8.8	8.9	9.1	9.1	9.0	8.8	8.7
Race and Hispanic origin[b]										
White, non-Hispanic	6.1	6.8	7.6	8.3	8.5	8.6	8.6	8.5	8.2	—
Black, non-Hispanic	11.5	10.9	10.9	11.4	11.4	11.8	11.9	11.8	11.3	—
American Indian or Alaskan Native	8.3	8.9	9.0	9.6	9.6	10.2	10.2	9.9	9.7	—
Asian or Pacific Islander	7.5	7.4	7.3	7.8	7.7	8.0	8.1	8.1	7.9	—
Chinese	5.7	5.5	5.5	—	—	—	—	—	—	—
Japanese	5.9	6.2	6.3	—	—	—	—	—	—	—
Filipino	8.3	8.7	8.9	—	—	—	—	—	—	—
Hawaiian	7.6	7.9	8.2	—	—	—	—	—	—	—
Other Asian or Pacific Islander	7.9	8.6	8.5	—	—	—	—	—	—	—
Hispanic	7.8	7.8	8.1	8.6	8.7	8.8	8.8	8.9	8.8	—
Mexican American	7.6	7.7	8.0	8.5	8.6	8.6	8.6	8.6	8.5	—
Puerto Rican	9.0	9.1	9.2	9.5	9.5	9.8	9.8	10.0	9.7	—
Cuban	6.9	7.1	7.6	8.7	9.5	9.5	9.6	10.0	9.8	—
Central or South American	7.7	7.6	7.8	8.3	8.5	8.7	8.8	8.8	8.7	—
Other and unknown Hispanic	8.0	8.3	8.6	9.0	9.2	9.8	10.2	10.2	9.6	—

— Not available.

[a] Data for 2009 are preliminary.

[b] The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The following states reported multiple-race data in 2003, following the revised 1997 OMB standards: CT, HI, OH (for December only), PA, UT, and WA. In 2004, the following states began to report multiple-race data: FL, ID, KY, MI, MN, NH, NY State (excluding New York City), SC, and TN. Multiple-race data were reported by 19 states in 2005: FL, ID, KS, KY, NE, NH, NY State (excluding New York City), PA, SC, TN, TX, VT (beginning July 1), WA, CA, HI, MI (for births at selected facilities only), MN, OH, and UT. In 2006, 23 states reported multiple-race data: CA, DE, FL, ID, KS, KY, NE, NH, NY State (excluding New York City), ND, OH, PA, SC, SD, TN, TX, VT, WA, WY, HI, MI (for births at selected facilities only), MN, and UT. In 2007, 27 states reported multiple-race data: CA, CO, DE, FL, GA (partial year only), ID, IN, IA, KS, KY, MI (for births at most facilities), NE, NH, NY State (excluding New York City), ND, OH, PA, SC, SD, TN, TX, VT, WA, WY, HI, MN, and UT. In 2008, 30 states reported multiple-race data: CA, CO, DE, FL, GA, HI, ID, IN, IA, KS, KY, MI, MN, MT, NE, NH, NM, NY, ND, OH, OR, PA, SC, SD, TN, TX, UT, VT, WA, and WY. In 2009, 32 states and the District of Columbia reported multiple-race data: CA, CO, DE, FL, GA, HI, ID, IN, IA, KS, KY, MI, MN, MT, NE, NH, NM, NV, NY, ND, OH, OK, OR, PA, SC, SD, TN, TX, UT, VT, WA, and WY. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards for comparability with other states. In addition, note that data on race and Hispanic origin are collected and reported separately.

NOTE: Excludes live births with unknown gestational age. Trend data for births to Hispanic and to White, non-Hispanic and Black, non-Hispanic women are affected by expansion of the reporting area in which an item on Hispanic origin is included on the birth certificate. The number of states in the reporting area was 48 states and DC in 1990, 49 states and DC in 1991–92, and all 50 states and DC from 1993 onward. Trend data for births to Asian or Pacific Islander and Hispanic women are also affected by immigration. Beginning in 2003, data are no longer available for Asian or Pacific Islander subgroups.

SOURCE: National Center for Health Statistics, National Vital Statistics System. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Mathews, T.J., and Osterman, M.J.K. (2010). Births: Final data for 2008. *National Vital Statistics Reports, 59*(1). Hyattsville, MD: National Center for Health Statistics. Hamilton, B.E., Martin, J.A., and Ventura, S.J. (2010). Births: Preliminary data for 2009. *National Vital Statistics Reports. 59*(3) Hyattsville, MD: National Center for Health Statistics.

Table HEALTH1.B **Low birthweight: Percentage of infants born with low birthweight by detailed race and Hispanic origin of mother, selected years 1980–2009**

Characteristic	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009[a]
Low birthweight (less than 2,500 grams, or 5 lb. 8 oz.)										
Total	6.8	6.8	7.0	7.3	7.6	8.2	8.3	8.2	8.2	8.2
Race and Hispanic origin[b]										
White, non-Hispanic	5.7	5.6	5.6	6.2	6.6	7.3	7.3	7.3	7.2	7.2
Black, non-Hispanic	12.7	12.6	13.3	13.2	13.1	14.0	14.0	13.9	13.7	13.6
American Indian or Alaskan Native	6.4	5.9	6.1	6.6	6.8	7.4	7.5	7.5	7.4	7.3
Asian or Pacific Islander	6.7	6.2	6.5	6.9	7.3	8.0	8.1	8.1	8.2	8.3
Chinese	5.2	5.0	4.7	5.3	5.1	—	—	—	—	—
Japanese	6.6	6.2	6.2	7.3	7.1	—	—	—	—	—
Filipino	7.4	6.9	7.3	7.8	8.5	—	—	—	—	—
Hawaiian	7.2	6.5	7.2	6.8	6.8	—	—	—	—	—
Other Asian or Pacific Islander	6.8	6.2	6.6	7.1	7.7	—	—	—	—	—
Hispanic	6.1	6.2	6.1	6.3	6.4	6.9	7.0	6.9	7.0	6.9
Mexican American	5.6	5.8	5.5	5.8	6.0	6.5	6.6	6.5	6.5	—
Puerto Rican	9.0	8.7	9.0	9.4	9.3	9.9	10.1	9.8	9.9	—
Cuban	5.6	6.0	5.7	6.5	6.5	7.6	7.1	7.7	7.8	—
Central or South American	5.8	5.7	5.8	6.2	6.3	6.8	6.8	6.7	6.7	—
Other and unknown Hispanic	7.0	6.8	6.9	7.5	7.8	8.3	8.5	8.6	8.2	—
Very low birthweight (less than 1,500 grams, or 3 lb. 4 oz.)										
Total	1.15	1.21	1.27	1.35	1.43	1.49	1.49	1.49	1.46	1.45
Race and Hispanic origin[b]										
White, non-Hispanic	0.86	0.90	0.93	1.04	1.14	1.21	1.20	1.19	1.18	1.16
Black, non-Hispanic	2.46	2.66	2.93	2.98	3.10	3.27	3.15	3.20	3.01	3.06
American Indian or Alaskan Native	0.92	1.01	1.01	1.10	1.16	1.17	1.28	1.27	1.28	1.31
Asian or Pacific Islander	0.92	0.85	0.87	0.91	1.05	1.14	1.12	1.14	1.16	1.13
Chinese	0.66	0.57	0.51	0.67	0.77	—	—	—	—	—
Japanese	0.94	0.84	0.73	0.87	0.75	—	—	—	—	—
Filipino	0.99	0.86	1.05	1.13	1.38	—	—	—	—	—
Hawaiian	1.05	1.03	0.97	0.94	1.39	—	—	—	—	—
Other Asian or Pacific Islander	0.96	0.91	0.92	0.91	1.04	—	—	—	—	—
Hispanic	0.98	1.01	1.03	1.11	1.14	1.20	1.19	1.21	1.20	1.19
Mexican American	0.92	0.97	0.92	1.01	1.03	1.12	1.12	1.13	1.11	—
Puerto Rican	1.29	1.30	1.62	1.79	1.93	1.87	1.91	1.89	1.93	—
Cuban	1.02	1.18	1.20	1.19	1.21	1.50	1.28	1.27	1.43	—
Central or South American	0.99	1.01	1.05	1.13	1.20	1.19	1.13	1.15	1.13	—
Other and unknown Hispanic	1.01	0.96	1.09	1.28	1.42	1.36	1.36	1.44	1.34	—

— Not available.

[a] Data for 2009 are preliminary.

[b] The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. The following states reported multiple-race data in 2003, following the revised 1997 OMB standards: CT, HI, OH (for December only), PA, UT, and WA. In 2004, the following states began to report multiple-race data: FL, ID, KY, MI, MN, NH, NY State (excluding New York City), SC, and TN. Multiple-race data were reported by 19 states in 2005: FL, ID, KS, KY, NE, NH, NY State (excluding New York City), PA, SC, TN, TX, VT (beginning July 1), WA, CA, HI, MI (for births at selected facilities only), MN, OH, and UT. In 2006, 23 states reported multiple-race data: CA, DE, FL, ID, KS, KY, NE, NH, NY State (excluding New York City), ND, OH, PA, SC, SD, TN, TX, VT, WA, WY, HI, MI (for births at selected facilities only), MN, and UT. In 2007, 27 states reported multiple-race data: CA, CO, DE, FL, GA (partial year only), ID, IN, IA, KS, KY, MI (for births at most facilities), NE, NH, NY State (excluding New York City), ND, OH, PA, SC, SD, TN, TX, VT, WA, WY, HI, MN, and UT. In 2008, 30 states reported multiple-race data: CA, CO, DE, FL, GA, HI, ID, IN, IA, KS, KY, MI, MN, MT, NE, NH, NM, NY, ND, OH, OR, PA, SC, SD, TN, TX, UT, VT, WA, and WY. In 2009, 32 states and the District of Columbia reported multiple-race data: CA, CO, DE, FL, GA, HI, ID, IN, IA, KS, KY, MI, MN, MT, NE, NH, NM, NV, NY, ND, OH, OK, OR, PA, SC, SD, TN, TX, UT, VT, WA, and WY. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards for comparability with other states. In addition, note that data on race and Hispanic origin are collected and reported separately.

NOTE: Excludes live births with unknown birthweight. Trend data for births to Hispanic and to White, non-Hispanic and Black, non-Hispanic women are affected by expansion of the reporting area in which an item on Hispanic origin is included on the birth certificate. The number of states in the reporting area increased from 22 states in 1980 to 23 states and the District of Columbia (DC) in 1983–1987, 30 states and DC in 1988, 47 states and DC in 1989, 48 states and DC in 1990, 49 states and DC in 1991–92, and all 50 states and DC from 1993 onward. Trend data for births to Asian or Pacific Islander and Hispanic women are also affected by immigration. Beginning in 2003, data are no longer available for Asian or Pacific Islander subgroups.

SOURCE: National Center for Health Statistics, National Vital Statistics System. Martin, J.A., Hamilton, B.E., Sutton, P.D., Ventura, S.J., Mathews, T.J., and Osterman, M.J.K. (2010). Births: Final data for 2008. *National Vital Statistics Reports, 59*(1). Hyattsville, MD: National Center for Health Statistics. Hamilton, B.E., Martin, J.A., and Ventura, S.J. (2010). Births: Preliminary data for 2009. *National Vital Statistics Reports, 59*(3). Hyattsville, MD: National Center for Health Statistics.

Table HEALTH2 Infant mortality: Death rates among infants by detailed race and Hispanic origin of mother, selected years 1983–2009

(Infant deaths per 1,000 live births)

Characteristic	1983	1985	1990	1995[a]	2000[a]	2003[a,b]	2004[a,b]	2005[a,b]	2006[a,b]	2007[b,c]	2008[b,d]	2009[b,d]
Total	10.9	10.4	8.9	7.6	6.9	6.8	6.8	6.9	6.7	6.8	6.6	6.4
Race and Hispanic origin[e]												
White, non-Hispanic	9.2	8.6	7.2	6.3	5.7	5.7	5.7	5.8	5.6	—	—	—
Black, non-Hispanic	19.1	18.3	16.9	14.7	13.6	13.6	13.6	13.6	13.4	—	—	—
American Indian or Alaskan Native	15.2	13.1	13.1	9.0	8.3	8.7	8.4	8.1	8.3	—	—	—
Asian or Pacific Islander	8.3	7.8	6.6	5.3	4.9	4.8	4.7	4.9	4.6	—	—	—
Chinese	9.5	5.8	4.3	3.8	3.5	—	—	—	—	—	—	—
Japanese	*	6.0	5.5	5.3	4.6	—	—	—	—	—	—	—
Filipino	8.4	7.7	6.0	5.6	5.7	—	—	—	—	—	—	—
Hawaiian	11.2	9.9	8.0	6.6	9.1	—	—	—	—	—	—	—
Other Asian or Pacific Islander	8.1	8.5	7.4	5.5	4.8	—	—	—	—	—	—	—
Hispanic[f]	9.5	8.8	7.5	6.3	5.6	5.6	5.5	5.6	5.4	—	—	—
Mexican American	9.1	8.5	7.2	6.0	5.4	5.5	5.5	5.5	5.3	—	—	—
Puerto Rican	12.9	11.2	9.9	8.9	8.2	8.2	7.8	8.3	8.0	—	—	—
Cuban	7.5	8.5	7.2	5.3	4.5	4.6	4.6	4.4	5.1	—	—	—
Central or South American	8.5	8.0	6.8	5.5	4.6	5.0	4.6	4.7	4.5	—	—	—
Other and unknown Hispanic	10.6	9.5	8.0	7.4	6.9	6.7	6.7	6.4	5.8	—	—	—

— Not available.

* Number too small to calculate a reliable rate.

[a] Beginning with data for 1995, rates are on a period basis. Earlier rates are on a cohort basis. Data for 1995–2006 are weighted to account for unmatched records.

[b] Beginning in 2003, infant mortality rates are being reported to two decimal places in National Center for Health Statistics (NCHS) reports, so the rates reported here will vary from those in other reports. This difference in reporting could affect significance testing.

[c] The mortality rate for 2007 was obtained from unlinked death records from the National Vital Statistics System because data for 2007 are not currently available from the National Linked Files of Live Births and Infant Deaths.

[d] The mortality rate for 2008 and 2009 was obtained from preliminary unlinked death records from the National Vital Statistics System because final data for 2008 and 2009 are not currently available from the National Linked Files of Live Births and Infant Deaths.

[e] The 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. CA, HI, OH (for December only), PA, UT, and WA reported multiple-race data in 2003, following the revised 1997 OMB standards. In 2004, the following states began to report multiple-race data: FL, ID, KY, MI, MN, NH, NY State (excluding New York City), SC, and TN. The multiple-race data for these states were bridged to the single-race categories of the 1977 OMB standards for comparability with other states. In addition, note that data on race and Hispanic origin are collected and reported separately. Persons of Hispanic origin may be of any race.

[f] Trends for the Hispanic population are affected by an expansion in the number of registration areas that included an item on Hispanic origin on the birth certificate. The number of states in the reporting area increased from 22 states in 1980 to 23 states and the District of Columbia (DC) in 1983–1987, 30 states and DC in 1988, 47 states and DC in 1989, 48 states and DC in 1990, 49 states and DC in 1991, and all 50 states and DC from 1993 onward.

NOTE: Infant deaths are deaths before an infant's first birthday. Rates for race groups from the National Linked Files of Live Births and Infant Deaths vary slightly from those obtained via unlinked infant death records using the National Vital Statistics System because the race reported on the death certificate sometimes does not match the race on the infant's birth certificate. Rates obtained from linked data (where race is obtained from the birth, rather than the death, certificate) are considered more reliable, but linked data are not available before 1983 and are also not available for 1992–1994.

SOURCE: National Center for Health Statistics, National Vital Statistics System.

Table HEALTH3.A **Emotional and behavioral difficulties: Percentage of children ages 4–17 reported by a parent to have serious or minor difficulties with emotions, concentration, behavior, or getting along with other people by selected characteristics, 2001–2009**

Characteristic	2001	2002	2003	2004	2005	2006	2007	2008	2009
Serious difficulties									
Age and gender									
Total ages 4–17	5.2	5.5	4.8	5.4	4.6	5.0	5.2	5.4	5.3
Ages 4–7	3.6	3.2	3.3	4.2	2.8	4.0	3.8	4.0	3.1
Ages 8–10	5.9	5.9	5.5	5.8	4.8	4.9	4.4	7.1	6.3
Ages 11–14	6.0	6.8	4.9	6.2	4.9	5.6	6.0	5.0	5.6
Ages 15–17	5.2	6.5	6.1	5.4	6.2	5.6	6.8	5.9	6.5
Males ages 4–17	6.2	7.5	6.3	5.8	5.4	6.6	6.4	7.1	6.6
Ages 4–7	3.8	4.3	4.8	4.0	3.0	5.3	5.1	5.4	4.1
Ages 8–10	8.2	8.0	7.3	7.0	5.5	6.7	6.3	10.4	8.2
Ages 11–14	7.4	10.0	6.5	7.0	6.3	7.4	7.5	6.5	7.1
Ages 15–17	5.6	7.6	6.9	5.6	6.9	7.1	6.9	6.7	7.7
Females ages 4–17	4.1	3.5	3.3	4.8	3.8	3.3	3.9	3.6	3.9
Ages 4–7	3.4	2.0	1.8	4.4	2.5	2.6	2.4	2.7	2.1
Ages 8–10	3.5	3.6	3.5	4.5	4.2	3.0	2.3	3.4	4.4
Ages 11–14	4.6	3.5	3.2	5.3	3.4	3.8	4.5	3.4	4.1
Ages 15–17	4.9	5.2	5.2	5.1	5.4	3.9	6.6	5.1	5.3
Poverty status[a]									
Below 100% poverty	7.4	9.2	6.4	7.2	7.1	6.6	7.0	9.7	8.2
100–199% poverty	6.7	6.3	5.2	5.8	4.8	5.6	7.3	5.8	6.5
200% poverty and above	4.0	4.3	4.2	4.7	3.8	4.2	3.9	4.0	3.7
Race and Hispanic origin[b]									
White, non-Hispanic	5.3	5.6	5.2	6.0	4.8	5.5	5.5	5.8	5.4
Black, non-Hispanic	5.6	8.5	4.7	5.8	5.1	4.5	5.7	7.1	6.2
Hispanic	3.9	3.7	3.7	3.3	4.0	3.6	3.7	3.0	4.1
Family structure[c]									
Two parents	4.0	4.2	4.0	4.4	3.7	4.0	4.2	4.1	4.1
Mother only	8.1	9.2	7.0	7.8	6.9	7.8	7.1	8.0	8.2
Father only	5.0	5.4	3.6	5.3	4.2	4.8	5.5	5.5	*
No parents	10.6	9.6	8.8	9.4	9.8	7.0	11.5	13.1	7.3

See notes at end of table.

Table HEALTH3.A (cont.) **Emotional and behavioral difficulties: Percentage of children ages 4–17 reported by a parent to have serious or minor difficulties with emotions, concentration, behavior, or getting along with other people by selected characteristics, 2001–2009**

Characteristic	2001	2002	2003	2004	2005	2006	2007	2008	2009
Minor difficulties									
Age and gender									
Total ages 4–17	17.1	18.0	15.4	15.4	16.2	15.5	14.4	14.4	13.7
Ages 4–7	14.9	15.2	13.8	12.2	14.0	13.9	12.5	11.0	11.6
Ages 8–10	18.1	20.2	15.5	16.4	18.4	14.4	16.4	17.1	15.6
Ages 11–14	18.7	19.4	16.0	17.3	17.0	15.8	15.8	16.7	14.3
Ages 15–17	17.1	17.5	16.4	15.9	15.7	18.0	13.1	13.2	14.0
Males ages 4–17	20.1	20.1	17.3	17.2	17.9	16.9	16.1	16.7	16.3
Ages 4–7	16.9	18.3	15.8	15.2	15.3	15.5	13.3	12.0	13.8
Ages 8–10	21.9	23.0	17.8	18.0	22.2	15.9	18.1	20.0	19.4
Ages 11–14	22.7	20.2	18.1	18.8	18.6	17.8	19.1	20.7	17.0
Ages 15–17	19.0	19.0	17.4	17.1	16.4	18.4	14.0	14.2	15.9
Females ages 4–17	14.0	15.9	13.4	13.4	14.4	14.0	12.6	12.0	11.0
Ages 4–7	12.6	12.0	11.9	9.1	12.7	12.1	11.6	10.0	9.1
Ages 8–10	14.1	17.1	12.9	14.7	14.7	12.7	14.6	14.0	11.7
Ages 11–14	14.5	18.6	13.8	15.7	15.4	13.8	12.3	12.4	11.5
Ages 15–17	15.1	15.9	15.3	14.6	14.9	17.6	12.2	12.2	12.1
Poverty status[a]									
Below 100% poverty	20.3	21.2	17.4	18.1	19.4	17.1	17.7	16.1	18.1
100–199% poverty	18.9	19.4	17.8	17.3	17.6	16.7	16.3	15.5	14.5
200% poverty and above	15.7	16.7	13.9	13.9	14.8	14.4	12.7	13.5	11.9
Race and Hispanic origin[b]									
White, non-Hispanic	16.6	18.2	15.6	16.0	16.5	16.3	15.1	14.7	13.8
Black, non-Hispanic	22.7	22.4	17.2	16.6	18.4	14.3	16.1	18.3	17.8
Hispanic	15.1	14.5	14.0	13.0	14.8	13.6	12.1	11.7	12.0
Family structure[c]									
Two parents	15.0	15.3	14.1	13.5	14.4	13.9	12.2	13.0	11.9
Mother only	22.9	23.9	19.0	19.6	20.6	18.4	19.5	16.7	17.3
Father only	19.1	22.7	12.8	19.0	19.9	19.0	18.2	16.6	17.5
No parents	24.0	29.6	22.1	22.9	22.5	22.1	19.9	24.7	19.7

* Estimates are considered unreliable (relative standard error greater than 30 percent).

[a] Missing family income data were imputed for approximately 30 percent of children ages 4–17 in 2001–2009.

[b] The revised 1997 Office of Management and Budget (OMB) standards for race were used for the 2001–2009 race-specific estimates. A person's race is described by one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Data on race and Hispanic origin are collected separately, but are combined for reporting. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races" due to the small sample size for each of these groups. Persons of Hispanic origin may be of any race.

[c] "Two parents" includes two married or unmarried parents. The terms "mother" and "father" can include biological, adoptive, step, or foster relationships. "No parents" can include children cared for by other relatives or a legal guardian.

NOTE: Emotional or behavioral difficulties of children were based on parental responses to the following question on the Strengths and Difficulties Questionnaire (SDQ):[1] "Overall, do you think that (child) has any difficulties in one or more of the following areas: emotions, concentration, behavior, or being able to get along with other people?" Response choices were: (1) no; (2) yes, minor difficulties; (3) yes, definite difficulties; and (4) yes, severe difficulties. Children with serious emotional or behavioral difficulties are defined as those whose parent responded "yes, definite" or "yes, severe." These difficulties may be similar to but do not equate with the Federal definition of serious emotional disturbances (SED), used by the Federal government for planning purposes. Children with minor emotional or behavioral difficulties are defined as those whose parent responded "yes, minor difficulties."

SOURCE: National Center for Health Statistics, National Health Interview Survey.

[1] Goodman, R. (1999). The extended version of the Strengths and Difficulties Questionnaire as a guide to child psychiatric caseness and consequent burden. *Journal of Child Psychology and Psychiatry, 40,* 791–799.

Table HEALTH3.B **Emotional and behavioral difficulties: Percentage of children ages 4–17 with serious or minor emotional or behavioral difficulties who received services by type of service, 2001–2009**

Type of service[a]	2001	2002	2003	2004	2005	2006	2007	2008	2009
Serious difficulties									
Special education services for an emotional/ behavioral problem	22.2	24.3	22.7	22.9	20.0	22.5	26.4	24.5	26.0
Parent contact with a general doctor[b] about emotional/behavioral problem	43.9	46.8	47.2	40.8	39.0	44.4	47.3	40.9	39.7
Parent contact with a mental health professional[c]	43.8	46.6	44.5	50.7	50.0	43.6	52.3	51.3	45.3
Minor difficulties									
Special education services for an emotional/ behavioral problem	5.4	4.6	4.6	5.5	4.8	4.8	6.7	7.1	7.2
Parent contact with a general doctor[b] about emotional/behavioral problem	14.1	15.3	12.4	15.1	13.1	11.3	14.8	14.5	16.6
Parent contact with a mental health professional[c]	15.0	16.9	15.9	18.5	15.7	16.9	19.9	21.8	22.9

[a] A child who had more than one type of service or contact was included in more than one row.

[b] A general doctor was defined as a doctor who treats a variety of illnesses, such as a doctor in general practice, pediatrics, family medicine, or internal medicine.

[c] Mental health professional was defined as a psychiatrist, psychologist, psychiatric nurse, or clinical social worker.

NOTE: Emotional or behavioral difficulties of children were based on parental responses to the following question on the Strengths and Difficulties Questionnaire (SDQ):[1] "Overall, do you think that (child) has any difficulties in one or more of the following areas: emotions, concentration, behavior, or being able to get along with other people?" Response choices were: (1) no; (2) yes, minor difficulties; (3) yes, definite difficulties; and (4) yes, severe difficulties. Children with serious emotional or behavioral difficulties are defined as those whose parent responded "yes, definite" or "yes, severe." These difficulties may be similar to but do not equate with the Federal definition of serious emotional disturbances (SED), used by the Federal government for planning purposes. Children with minor emotional or behavioral difficulties are defined as those whose parent responded "yes, minor difficulties."

SOURCE: National Center for Health Statistics, National Health Interview Survey.

[1] Goodman, R. (1999). The extended version of the Strengths and Difficulties Questionnaire as a guide to child psychiatric caseness and consequent burden. *Journal of Child Psychology and Psychiatry, 40,* 791–799.

Table HEALTH4.A

Adolescent depression: Percentage of youth ages 12–17 who had at least one Major Depressive Episode (MDE) in the past year by age, gender, race and Hispanic origin, and poverty status, 2004–2009

Characteristic	2004	2005	2006	2007	2008	2009
Total	9.0	8.8	7.9	8.2	8.3	8.1
Age						
Ages 12–13	5.4	5.2	4.9	4.3	4.8	4.6
Ages 14–15	9.2	9.5	7.9	8.4	8.4	8.8
Ages 16–17	12.3	11.5	10.7	11.5	11.1	10.4
Gender						
Male	5.0	4.5	4.2	4.6	4.3	4.7
Female	13.1	13.3	11.8	11.9	12.4	11.7
Race and Hispanic origin[a]						
White, non-Hispanic	9.2	9.1	8.1	8.7	8.7	8.3
Black, non-Hispanic	7.7	7.6	6.4	7.8	7.0	7.9
American Indian or Alaska Native	7.8	6.1	9.3	4.6	10.1	7.5
Asian	8.3	6.0	7.6	6.8	7.6	7.6
Two or more races	11.7	10.5	13.0	10.0	12.0	7.9
Hispanic	9.1	9.1	8.0	7.1	7.5	7.7
Poverty status						
Below 100% poverty	—	8.1	7.6	7.6	7.8	7.4
100–199% poverty	—	9.6	9.0	8.9	9.0	8.6
200% poverty and above	—	8.7	7.6	8.0	8.1	8.1

— Not available.

[a] 1997 Office of Management and Budget (OMB) standards were used to collect race and ethnicity data. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, or Asian. Respondents could choose more than one race. Those reporting more than one race were classified as "Two or more races." Data on Hispanic origin are collected separately. Persons of Hispanic origin may be of any race. Included in the total but not shown separately are persons of Native Hawaiian or Other Pacific Islander origin.

NOTE: Major Depressive Episode (MDE) is defined as a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had at least four additional symptoms (such as problems with sleep, eating, energy, concentration and feelings of worth) as described in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV).*[1]

SOURCE: Substance Abuse and Mental Health Services Administration, National Survey on Drug Use and Health.

[1] American Psychiatric Association. (1994). *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* (4th ed.). Washington, DC: Author.

Table HEALTH4.B **Adolescent depression: Percentage of youth ages 12–17 with at least one Major Depressive Episode (MDE) in the past year who received treatment for depression[a] by age, gender, race and Hispanic origin, and poverty status, 2004–2009**

Characteristic	2004	2005	2006	2007	2008	2009
Total	40.3	37.8	38.9	38.9	37.7	34.7
Age						
Ages 12–13	38.2	32.9	35.1	41.4	33.5	30.5
Ages 14–15	35.5	41.1	38.7	36.9	33.6	33.2
Ages 16–17	45.0	37.1	40.8	39.6	42.4	37.6
Gender						
Male	37.7	34.1	35.4	36.7	33.8	29.3
Female	41.3	39.0	40.3	39.9	39.2	37.0
Race and Hispanic origin[b]						
White, non-Hispanic	44.9	39.3	41.4	42.6	43.1	37.6
Black, non-Hispanic	28.9	39.3	29.0	39.9	32.6	25.4
Hispanic	36.8	31.8	36.0	28.1	30.3	33.1
Poverty status						
Below 100% poverty	—	37.3	33.2	39.4	40.0	32.9
100–199% poverty	—	32.1	40.9	36.9	38.8	32.1
200% poverty and above	—	40.1	39.9	39.6	36.7	36.3

— Not available.

[a] Treatment is defined as seeing or talking to a medical doctor or other professional or using prescription medication in the past year for depression. Respondents with unknown treatment data were excluded.

[b] 1997 Office of Management and Budget (OMB) standards were used to collect race and ethnicity data. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, or Asian. Respondents could choose more than one race. Those reporting more than one race were classified as "Two or more races." Data on Hispanic origin are collected separately. Persons of Hispanic origin may be of any race. Included in the total but not shown separately are American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Asian, and "Two or more races."

NOTE: Major Depressive Episode (MDE) is defined as a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had at least four additional symptoms (such as problems with sleep, eating, energy, concentration and feelings of worth) as described in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV).*[1]

SOURCE: Substance Abuse and Mental Health Services Administration, National Survey on Drug Use and Health.

[1] American Psychiatric Association. (1994). *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* (4th ed.). Washington, DC: Author.

Table HEALTH4.C **Adolescent depression: Percentage of youth ages 12–17 who had at least one Major Depressive Episode (MDE) with severe impairment[a] in the past year by age, gender, race and Hispanic origin, and poverty status 2004–2009**

Characteristic	2004	2005	2006	2007	2008	2009
Total	6.2	6.0	5.5	5.5	6.0	5.8
Age						
Ages 12–13	3.5	3.3	2.7	2.5	3.1	3.2
Ages 14–15	6.3	6.6	6.0	6.0	6.0	6.2
Ages 16–17	8.8	8.1	7.5	7.9	8.3	7.7
Gender						
Male	3.3	2.9	2.6	3.0	2.9	3.2
Female	9.2	9.4	8.4	8.2	9.2	8.6
Race and Hispanic origin[b]						
White, non-Hispanic	6.5	6.3	5.8	5.9	6.5	6.0
Black, non-Hispanic	5.0	5.1	3.9	5.1	4.7	5.7
American Indian or Alaska Native	4.9	4.1	6.6	2.6	6.5	4.3
Asian	4.4	3.7	5.3	4.0	4.7	5.0
Two or more races	9.3	7.7	8.0	7.8	10.2	6.0
Hispanic	6.1	6.2	5.4	5.0	5.1	5.4
Poverty status						
Below 100% poverty	—	5.2	5.4	5.1	5.7	5.5
100–199% poverty	—	6.7	6.3	6.0	6.8	6.2
200% poverty and above	—	6.0	5.2	5.5	5.7	5.8

— Not available.

[a] Impairment is identified using the Sheehan Disability Scale (SDS)[1] items that measure the impact of MDE across four role domains: (1) chores at home, (2) school or work, (3) close relationships with family, and (4) social life. Ratings are made on a 0 to 10 scale with ratings greater than or equal to 7 considered severe impairment.

[b] 1997 Office of Management and Budget (OMB) standards were used to collect race and ethnicity data. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, or Asian. Respondents could choose more than one race. Those reporting more than one race were classified as "Two or more races." Data on Hispanic origin are collected separately. Persons of Hispanic origin may be of any race. Included in the total but not shown separately are persons of Native Hawaiian or Other Pacific Islander origin.

NOTE: Major Depressive Episode (MDE) is defined as a period of at least 2 weeks when a person experienced a depressed mood or loss of interest or pleasure in daily activities and had at least four additional symptoms (such as problems with sleep, eating, energy, concentration and feelings of worth) as described in the 4th edition of the *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV).*[2]

SOURCE: Substance Abuse and Mental Health Services Administration, National Survey on Drug Use and Health.

[1] Leon, A.C., Olfson, M., Portera, L., Farber, L., and Sheehan, D.V. (1997). Assessing psychiatric impairment in primary care with the Sheehan Disability Scale. *International Journal of Methods in Psychiatric Research, 27*(2): 93–105.

[2] American Psychiatric Association. (1994). *Diagnostic and Statistical Manual of Mental Disorders (DSM-IV)* (4th ed.). Washington, DC: Author.

Table HEALTH5 **Activity limitation: Percentage of children ages 5–17 with activity limitation resulting from one or more chronic health conditions[a] by gender, poverty status, and race and Hispanic origin, selected years 1997–2009**

Characteristic	1997	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Ages 5–17											
Total	7.8	7.0	8.0	8.5	8.1	8.4	8.0	8.6	8.3	8.7	9.4
Special education only[b]	5.4	5.0	6.2	6.3	6.3	6.3	6.1	6.7	6.5	6.8	7.5
Other limitations[c]	2.4	2.0	1.8	2.1	1.8	2.1	1.8	1.9	1.8	1.9	1.9
Gender											
Male	10.0	8.8	10.4	10.7	10.1	10.6	10.2	11.0	10.8	11.3	12.0
Special education only[b]	7.2	6.5	8.2	8.2	8.1	8.0	8.1	8.8	8.7	9.0	9.8
Other limitations[c]	2.8	2.4	2.2	2.5	2.0	2.5	2.1	2.2	2.1	2.3	2.1
Female	5.5	5.1	5.5	6.2	6.0	6.1	5.7	6.1	5.6	6.0	6.6
Special education only[b]	3.5	3.6	4.0	4.4	4.4	4.5	4.1	4.4	4.2	4.5	5.0
Other limitations[c]	2.0	1.5	1.5	1.8	1.6	1.6	1.6	1.6	1.5	1.4	1.6
Poverty status[d]											
Below 100% poverty	10.6	9.9	10.8	11.6	10.3	11.7	10.8	11.4	11.6	13.1	12.1
Special education only[b]	7.2	7.2	8.3	8.1	7.7	8.7	7.7	8.9	8.7	9.7	9.1
Other limitations[c]	3.4	2.7	2.5	3.5	2.6	3.0	3.0	2.5	2.9	3.4	2.9
100–199% poverty	9.3	8.0	8.9	10.5	10.0	9.7	9.1	9.8	10.1	9.2	11.4
Special education only[b]	7.0	5.6	6.7	7.9	7.3	7.1	7.3	7.7	7.9	7.3	8.6
Other limitations[c]	2.3	2.4	2.2	2.6	2.7	2.6	1.8	2.1	2.2	1.9	2.7
200% poverty and above	6.3	5.8	6.9	6.9	6.8	7.0	6.8	7.2	6.7	7.2	7.7
Special education only[b]	4.2	4.3	5.4	5.3	5.5	5.4	5.3	5.6	5.3	5.8	6.5
Other limitations[c]	2.2	1.6	1.5	1.6	1.3	1.6	1.5	1.6	1.3	1.4	1.2
Race and Hispanic origin[e]											
White, non-Hispanic	8.3	7.5	8.5	8.8	8.6	8.8	8.3	9.5	9.0	9.8	9.8
Special education only[b]	5.8	5.4	6.5	6.6	6.8	6.7	6.2	7.7	7.1	7.9	8.2
Other limitations[c]	2.5	2.1	2.0	2.2	1.8	2.1	2.1	1.8	1.9	1.9	1.7
Black, non-Hispanic	8.2	7.5	9.0	10.2	8.3	10.3	8.7	8.3	8.9	9.0	10.4
Special education only[b]	5.3	5.6	7.0	7.8	6.5	7.7	6.9	5.9	7.2	6.6	7.9
Other limitations[c]	2.9	1.9	1.9	2.5	1.8	2.6	1.8	2.4	1.7	2.4	2.6
Hispanic	5.9	5.3	5.6	6.7	6.6	6.0	7.0	6.6	6.1	5.9	7.5
Special education only[b]	4.0	3.7	4.3	5.0	4.9	4.4	5.6	4.9	4.7	4.4	5.8
Other limitations[c]	1.9	1.6	1.2	1.7	1.8	1.7	1.4	1.7	1.4	1.5	1.7

[a] Chronic health conditions are conditions that once acquired are not cured or have a duration of 3 months or more.

[b] Special education, as mandated by federal legislation known as the Individuals with Disabilities Education Act (IDEA), is designed to meet the individual needs of the child, and may take place in a regular classroom setting, a separate classroom, a special school, a private school, at home, or at a hospital. To qualify for special education services, a child must have a condition covered by the IDEA that adversely affects educational performance. Children in this category include children identified solely by their use of special education services.

[c] Other limitations include limitations in children's ability to walk, care for themselves, or perform any other activities. Children in this category may also receive special education services.

[d] Starting with *America's Children, 2005,* a new methodology for imputing family income was used for data years 1997 and beyond. Missing family income data were imputed for 22–31 percent of children ages 5–17 in 1997–2009. Therefore, estimates by poverty for 1997–2001 may differ from those in previous editions.

[e] The revised 1997 Office of Management and Budget (OMB) standards for race were used for the 1997–2009 race-specific estimates. A person's race is described by one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Data on race and Hispanic origin are collected separately but are combined for reporting. Persons of Hispanic origin may be of any race. Race groups included in the total but not shown separately due to the small sample size for each group are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races."

NOTE: The prevalence of activity limitation among children ages 5–17 is based on household responses in the National Health Interview Survey family core questionnaire. The child was considered to have an activity limitation if the parent gave a positive response to any of the following questions about the child: (1) "Does (child's name) receive Special Education Services?" (2) "Because of a physical, mental, or emotional problem, does (child's name) need the help of other persons with personal care needs, such as eating, bathing, dressing, or getting around inside the home?" (3) "Because of a health problem does (child's name) have difficulty walking without using any special equipment?" (4) "Is (child's name) limited in any way because of difficulty remembering or because of periods of confusion?" (5) "Is (child's name) limited in any activities because of physical, mental, or emotional problems?"

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Table HEALTH6 **Diet quality: Average diet scores for children ages 2–17 as a percentage of Federal diet quality standards by age and dietary component, 2007–2008**

Dietary component	Ages 2–17	Ages 2–5	Ages 6–11	Ages 12–17
Total Healthy Eating Index-2005 score	59	63	57	57
Dietary adequacy components[a]				
Total fruit	78	100	74	59
Whole fruit	92	100	88	71
Total vegetables	48	44	44	52
Dark green and orange vegetables and legumes	16	19	12	19
Total grains	100	100	100	100
Whole grains	18	20	18	17
Milk	84	100	79	76
Meat and beans	85	75	83	92
Oils	63	58	63	64
Dietary moderation components[b]				
Saturated fat	51	47	50	54
Sodium	40	48	43	33
Extra calories[c]	46	53	42	45

[a] Higher scores reflect higher intakes.

[b] Higher scores reflect lower intakes.

[c] Extra calories from other sources, such as solid fats and added sugars.

NOTE: The Healthy Eating Index-2005 (HEI-2005) is a dietary assessment tool comprising 12 components designed to measure quality in terms of how well diets meet the recommendations of the 2005 *Dietary Guidelines for Americans* and MyPyramid, USDA's food guidance system (http://www.MyPyramid.gov).[1–3] The HEI-2005 component scores are averages across all children and reflect usual dietary intakes.[4] These scores are expressed as percentages of recommended dietary intake levels. A score corresponding to 100 percent indicates that the recommendation was met or exceeded, on average. A score below 100 percent indicates that average intake does not meet the recommendations for that component. Nine components of the HEI-2005 address nutrient adequacy. The remaining three components assess saturated fat, sodium, and extra calories, all of which should be consumed in moderation. For the adequacy components, higher scores reflect higher intakes; for the moderation components, higher scores reflect lower intakes because lower intakes are more desirable. For all components, a higher percentage indicates a higher quality diet.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey, 2007–2008 and U.S. Department of Agriculture, Center for Nutrition Policy and Promotion, Healthy Eating Index-2005.

[1] U.S. Health and Human Services and U.S. Department of Agriculture. (2005). *Dietary Guidelines for Americans* (6th ed.). Washington, DC: U.S. Government Printing Office.

[2] Guenther, P.M., Reedy, J., and Krebs-Smith, S.M. (2008). Development of the Healthy Eating Index-2005. *Journal of the American Dietetic Association, 108,* 1896–1901.

[3] Guenther, P.M., Reedy, J., Krebs-Smith, S.M., and Reeve, B.B. (2008). Evaluation of the Healthy Eating Index-2005. *Journal of the American Dietetic Association, 108,* 1854–1864.

[4] Freedman, L.S., Guenther, P.M., Krebs-Smith, S.M., and Kott, P.S. (2008). A population's mean Healthy Eating Index-2005 scores are best estimated by the score of the population ratio when one 24-hour recall is available. *Journal of Nutrition, 138,* 1725–1729.

Table HEALTH7 **Obesity: Percentage of children ages 6–17 who are obese[a] by race and Hispanic origin, age, and gender, selected years 1976–2008**

Characteristic	1976–1980	1988–1994	1999–2000	2001–2002	2003–2004	2005–2006	2007–2008
Ages 6–17							
Total	5.7	11.2	15.0	16.5	18.0	16.5	19.2
Race and Hispanic origin[b]							
White, non-Hispanic	4.9	10.5	11.3	14.6	17.3	13.8	17.4
Black, non-Hispanic	8.2	14.0	21.1	20.4	21.7	21.3	22.4
Mexican American	—	15.4	24.1	21.5	19.6	25.6	24.2
Gender							
Male	5.5	11.8	15.7	18.0	19.1	17.2	21.0
Female	5.8	10.6	14.3	15.1	16.8	15.9	17.3
Ages 6–11							
Total	6.5	11.3	15.1	16.3	18.8	15.1	19.6
Gender							
Male	6.7	11.6	15.7	17.5	19.9	16.2	21.2
Female	6.4	11.0	14.3	14.9	17.6	14.1	18.0
Ages 12–17							
Total	5.0	11.1	14.9	16.8	17.2	17.8	18.8
Gender							
Male	4.5	12.0	15.6	18.4	18.3	18.1	20.8
Female	5.4	10.2	14.2	15.2	16.0	17.5	16.7

—Not available.

[a] Previously a body mass index (BMI) at or above the 95th percentile of the sex-specific BMI growth charts was termed overweight (http://www.cdc.gov/growthcharts). Beginning with *America's Children, 2010*, a BMI at or above the 95th percentile is termed obese to be consistent with other NCHS publications. Estimates of obesity are comparable to estimates of overweight in past reports.[1]

[b] From 1976 to 1994, the 1977 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used to classify persons into one of the following four racial groups: White, Black, American Indian or Alaskan Native, or Asian or Pacific Islander. For 1999–2008, the revised 1997 OMB Standards for Data on Race and Ethnicity were used. Persons could select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander. Included in the total but not shown separately are American Indian or Alaska Native, Asian, Native Hawaiian or Other Pacific Islander, and "Two or more races." Beginning in 1999, those in each racial category represent those reporting only one race. Data from 1999 onward are not directly comparable with data from earlier years. Data on race and Hispanic origin are collected separately but combined for reporting. Persons of Mexican origin may be of any race. From 1976 to 2006, the National Health and Nutrition Examination Survey (NHANES) sample was designed to provide estimates specifically for persons of Mexican origin. Beginning in 2007, NHANES allows for reporting of both total Hispanics and Mexican Americans; however, estimates reported here are for Mexican Americans, to be consistent with earlier years.

NOTE: All estimates have a relative standard error of less than 30 percent and meet agency standards for publication. Observed differences between 2-year estimates for race/ethnic groups are not statistically significant unless noted.

SOURCE: National Center for Health Statistics, National Health and Nutrition Examination Survey.

[1] Ogden, C.L., Flegal, K.M. (2010). Changes in terminology for childhood overweight and obesity. *National Health Statistics Reports, 25.* Hyattsville, MD: National Center for Health Statistics. Retrieved from http://www.cdc.gov/nchs/data/nhsr/nhsr025.pdf.

Table HEALTH8.A Asthma: Percentage of children ages 0–17 with asthma, selected years 1980–2009

Characteristic	1980	1990	1995	1997[a]	2001[a]	2002[a]	2003[a]	2004[a]	2005[a]	2006[a]	2007[a]	2008[a]	2009[a]
Asthma in past 12 months[b]	3.6	5.8	7.5	—	—	—	—	—	—	—	—	—	—
Ever diagnosed with asthma[c]	—	—	—	11.4	12.7	12.3	12.5	12.2	12.7	13.5	13.1	13.8	13.8
Currently have asthma[d]	—	—	—	—	8.8	8.4	8.5	8.5	8.9	9.3	9.1	9.4	9.6
Having at least one asthma attack[e]	—	—	—	5.4	5.7	5.8	5.5	5.6	5.2	5.6	5.2	5.6	5.5

— Not available.

[a] In 1997, the National Health Interview Survey was redesigned. Data for 1997–2009 are not strictly comparable to earlier data.

[b] Children with asthma in the past 12 months.

[c] Children ever diagnosed with asthma by doctor or other health care professional.

[d] Children ever diagnosed with asthma who currently have asthma.

[e] Children having had an episode of asthma or asthma attack in the past 12 months.

NOTE: From 1997 to 2009, children are identified as ever diagnosed with asthma by asking parents "Has a doctor or other health professional EVER told you that your child has asthma?" If the parent answered YES to this question, they were then asked (1) "Does your child still have asthma?" and (2) "During the past 12 months, has your child had an episode of asthma or an asthma attack?" The question "Does your child still have asthma?" was introduced in 2001 and identifies children who currently have asthma.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Table HEALTH8.B Asthma: Percentage of children ages 0–17 who currently have asthma[a] by age, poverty status, race and Hispanic origin, and area of residence, 2001–2009

Characteristic	2001	2002	2003	2004	2005	2006	2007	2008	2009
Age									
Ages 0–5	6.2	6.4	6.3	6.4	7.2	6.9	7.1	7.4	7.0
Ages 6–10	9.8	8.6	9.4	8.3	10.0	11.4	9.1	10.1	10.2
Ages 11–17	10.1	9.7	9.8	10.3	9.6	9.9	10.9	10.8	11.5
Poverty status[b]									
Below 100% poverty	10.8	11.6	10.9	9.6	10.6	12.2	11.4	11.5	13.5
100–199% poverty	8.6	7.8	8.3	9.3	8.3	9.6	9.8	10.2	9.5
200% poverty and above	8.2	7.6	7.9	7.9	8.6	8.1	8.1	8.5	8.3
Race and Hispanic origin[c]									
White, non-Hispanic	8.5	8.0	7.5	8.2	7.9	8.6	7.3	8.8	8.5
Black, non-Hispanic	11.3	12.7	13.4	12.4	13.1	12.8	15.4	15.7	17.0
American Indian or Alaska Native	*	12.0	16.2	*	*	*	*	16.4	*
Asian	7.3	5.3	*	3.4	6.5	6.3	7.4	3.7	7.7
Hispanic	7.2	6.3	7.4	6.9	8.6	9.0	9.3	6.7	7.7
Mexican	5.1	4.4	4.9	5.4	7.4	6.6	8.5	5.9	6.6
Puerto Rican	18.2	17.3	20.6	18.4	19.9	25.7	14.8	15.5	15.7
Area of residence[d]									
Central city	8.8	8.4	9.1	8.7	10.3	10.5	9.9	10.7	10.0
Non-central city	8.8	8.4	8.3	8.4	8.4	8.8	8.8	8.9	9.4

* The estimate is considered unreliable (relative standard error is greater than 30 percent).

[a] Children ever diagnosed with asthma who currently have asthma.

[b] Missing family income data were imputed for 27–30 percent of children ages 0–17 in 2001–2009.

[c] The revised 1997 Office of Management and Budget (OMB) standards for race were used for the 2001–2009 race-specific estimates. A person's race is described by one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Data on race and Hispanic origin are collected separately, but are combined for reporting. Included in other categories but not shown separately under race and Hispanic origin are Native Hawaiians or Other Pacific Islanders and respondents with "Two or more races." Persons of Hispanic origin may be of any race.

[d] "Central city" is defined as the central city of a Metropolitan Statistical Area (MSA), while "Non-central city" is defined as an area in an MSA outside of the central city or in an area outside of an MSA. For more information on MSAs, see National Center for Health Statistics. (2011). *Health, United States, 2010: With Special Feature on Death and Dying.* Hyattsville, Maryland. http://www.cdc.gov/nchs/data/hus/hus10_InBrief.pdf.

SOURCE: National Center for Health Statistics, National Health Interview Survey.

Table SPECIAL1.A/C **Adoption: Number and percentage of children ages 0–17 who are adopted, and percentage of adopted children ages 0–17 who are of a different race than their adoptive parent by region and state, 2008**

Region and state	Children ages 0–17	Adopted children ages 0–17	Percentage of children who are adopted	Percentage of adopted children who are of a different race[a] than their adoptive parent
Total	65,598,900	1,615,805	2	22
Region[b]				
Northeast	11,202,613	275,798	2	23
Midwest	14,560,345	375,594	3	25
South	24,048,830	579,534	2	17
West	15,787,112	384,879	2	23
State				
Alabama	973,888	24,499	3	12
Alaska	160,979	7,117	4	43
Arizona	1,485,906	32,875	2	18
Arkansas	604,284	18,355	3	15
California	8,134,825	175,642	2	19
Colorado	1,092,814	30,788	3	30
Connecticut	744,163	21,076	3	23
Delaware	179,728	4,868	3	12
District of Columbia	93,580	5,126	5	21
Florida	3,523,465	90,803	3	15
Georgia	2,197,201	57,090	3	18
Hawaii	224,144	6,303	3	39
Idaho	376,640	9,897	3	26
Illinois	2,855,522	67,061	2	22
Indiana	1,421,611	33,215	2	24
Iowa	655,215	16,596	3	28
Kansas	641,554	17,291	3	23
Kentucky	890,285	21,626	2	19
Louisiana	941,171	16,087	2	11
Maine	249,242	9,262	4	28
Maryland	1,186,123	27,747	2	20
Massachusetts	1,315,002	34,397	3	25
Michigan	2,157,527	61,567	3	26
Minnesota	1,164,113	30,551	3	30
Mississippi	638,888	15,930	2	9
Missouri	1,265,496	34,601	3	20
Montana	199,245	5,262	3	27
Nebraska	408,417	10,961	3	29
Nevada	593,222	11,493	2	19
New Hampshire	273,885	6,863	3	40
New Jersey	1,860,813	42,517	2	25
New Mexico	432,877	10,563	2	18
New York	3,927,444	85,920	2	21
North Carolina	1,985,804	50,628	3	23
North Dakota	131,743	4,257	3	27
Ohio	2,466,067	62,926	3	24
Oklahoma	785,491	23,991	3	25
Oregon	785,189	26,706	3	26
Pennsylvania	2,501,780	61,334	2	20

See notes at end of table.

Table SPECIAL1.A/C (cont.) **Adoption: Number and percentage of children ages 0–17 who are adopted, and percentage of adopted children ages 0–17 who are of a different race than their adoptive parent by region and state, 2008**

Region and state	Children ages 0–17	Adopted children ages 0–17	Percentage of children who are adopted	Percentage of adopted children who are of a different race[a] than their adoptive parent
State (cont.)				
Rhode Island	211,043	8,780	4	27
South Carolina	919,985	24,187	3	15
South Dakota	178,251	4,373	2	17
Tennessee	1,290,353	31,647	2	19
Texas	5,882,806	124,948	2	15
Utah	780,952	22,840	3	33
Vermont	119,241	5,649	5	36
Virginia	1,618,312	33,992	2	27
Washington	1,406,425	41,260	3	29
West Virginia	337,466	8,010	2	8
Wisconsin	1,214,829	32,195	3	32
Wyoming	113,894	4,133	4	20

[a] Persons of Hispanic origin may be of any race. Shown are adopted children whose householder/parent is reported to be of a different race group from the adopted child; the race groups are White alone, Black alone, American Indian and Alaska Native alone, Asian alone or Native Hawaiian or Pacific Islander alone, Some other race alone, White and Black, White and American Indian and Alaska Native, White and Asian or Native Hawaiian or Pacific Islander, White and Some other race, or either the adopted child or householder/parent reports a multiple race group combination not listed above.

[b] Regions: Northeast includes CT, MA, ME, NH, NJ, NY, PA, RI, and VT. South includes AL, AR, DC, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, and WV. Midwest includes IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, and WI. West includes AK, AZ, CA, CO, HI, ID, MT, NM, NV, OR, UT, WA, and WY.

NOTE: This table includes never-married children of the householder, so the adoptive parent is always the householder. This table does not include children under 18 who are either ever-married or are reported as someone other than the child of the householder, such as a grandchild, or other non-relative. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see http://factfinder.census.gov/home/en/datanotes/exp_acs2008_1yr.html.

SOURCE: U.S. Census Bureau, American Community Survey.

Table SPECIAL1.B **Adoption: Number and percentage of adopted children ages 0–17 by adoption type and selected characteristics, 2007**

Characteristic	All adopted children	Adoption type		
		Foster care	Domestic private	International
Number of adopted children (in thousands)	1,782,000	661,000	677,000	444,000
Percentage of adopted children	—	37	38	25
Gender of child				
Male	49	57	51	33
Female	51	43	49	67
Current age of child[a]				
Ages 0–2	6	3	6	10
Ages 3–4	9	6	7	14
Ages 5–9	30	31	22	39
Ages 10–12	19	18	22	17
Ages 13–14	14	19	14	8
Ages 15–17	23	23	29	12
Age of child at adoption				
< Age 1	33	14	47	39
Age 1	17	14	13	28
Ages 2–5	30	42	21	25
Ages 6–10	14	20	14	7
Ages 11–17	6	10	6	2
Race and Hispanic origin of child[b]				
White, non-Hispanic	37	37	50	19
Black, non-Hispanic	23	35	25	3
Asian, non-Hispanic	15	*	*	59
Other, non-Hispanic	9	10	12	*
Hispanic	15	16	13	17
Race and Hispanic origin of the child's responding adoptive parent[b]				
White, non-Hispanic	73	63	71	92
Black, non-Hispanic	17	27	19	*
Asian, non-Hispanic	1	*	*	*
Other, non-Hispanic	4	6	*	*
Hispanic	5	5	7	*
Family structure				
Two married adoptive parents	60	59	52	70
Two unmarried parents in the household	1	*	*	*
Only one adoptive parent in the household	39	40	47	26
Education of parent[c]				
Less than high school	5	7	6	*
High school diploma or equivalent	15	22	15	*
More than high school	80	70	79	95
Poverty status				
Below 100% poverty	12	16	17	*
100–199% poverty	19	30	18	*
200% poverty and above	68	53	65	93

— Not available.

* Estimates are considered unreliable (relative standard error is greater than 30 percent).

[a] Refers to the age of the child on the date the data collection interview was conducted.

[b] The 1997 Office of Management and Budget (OMB) Standards for Data on Race and Ethnicity were used, allowing persons to select one or more of five racial groups: White, Black or African American, American Indian or Alaska Native, Asian, or Native Hawaiian or Other Pacific Islander. Included under "other" are American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, and respondents with "Two or more races." Data on race and Hispanic origin are collected separately. Persons of Hispanic origin may be of any race.

[c] Refers to the education of the parent with the highest educational attainment.

SOURCE: Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Administration for Children and Families and National Center for Health Statistics, State and Local Area Integrated Telephone Survey, National Survey of Adoptive Parents.

Table SPECIAL1.D

Adoption: Percentage of children ages 0–17 with selected well-being measures by adoptive status and adoption type, 2007

Well-being measure	All children	All adopted children	Adoption type		
			Foster care	Domestic private	International
Child (ages 0–5) was read to every day	48	68	66	73	65
Child (ages 6–17) had never repeated a grade	89	84	80	84	89
Child (ages 6–17) exhibited positive social behaviors[a]	94	88	83	91	89
Child was continuously insured throughout the year	85	91	94	88	91
Parent reported having this child in my life was as good as or better than expected[b]	—	86	82	90	86

— Not available.

[a] Children were classified as exhibiting positive social behaviors if their parent reported that their child "usually" or "always" engaged in all four of the following behaviors: "[shows] respect for teachers and neighbors"; "[gets] along well with other children"; "[tries] to understand other people's feelings"; and "[tries] to resolve conflicts with classmates, family, or friends."

[b] The parent was asked, "So far, how has having [this child] in your life compared with what you thought it would be like?" Responses included here are those who said that having the child in their life was "better than [I] ever expected" or "about what [I] expected"; excluded are those who responded "more difficult than [I] ever expected."

SOURCE: Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Administration for Children and Families and National Center for Health Statistics (NCHS), State and Local Area Integrated Telephone Survey (SLAITS), National Survey of Adoptive Parents; and Maternal and Child Health Bureau and NCHS, SLAITS, National Survey of Children's Health.

Table SPECIAL1.E

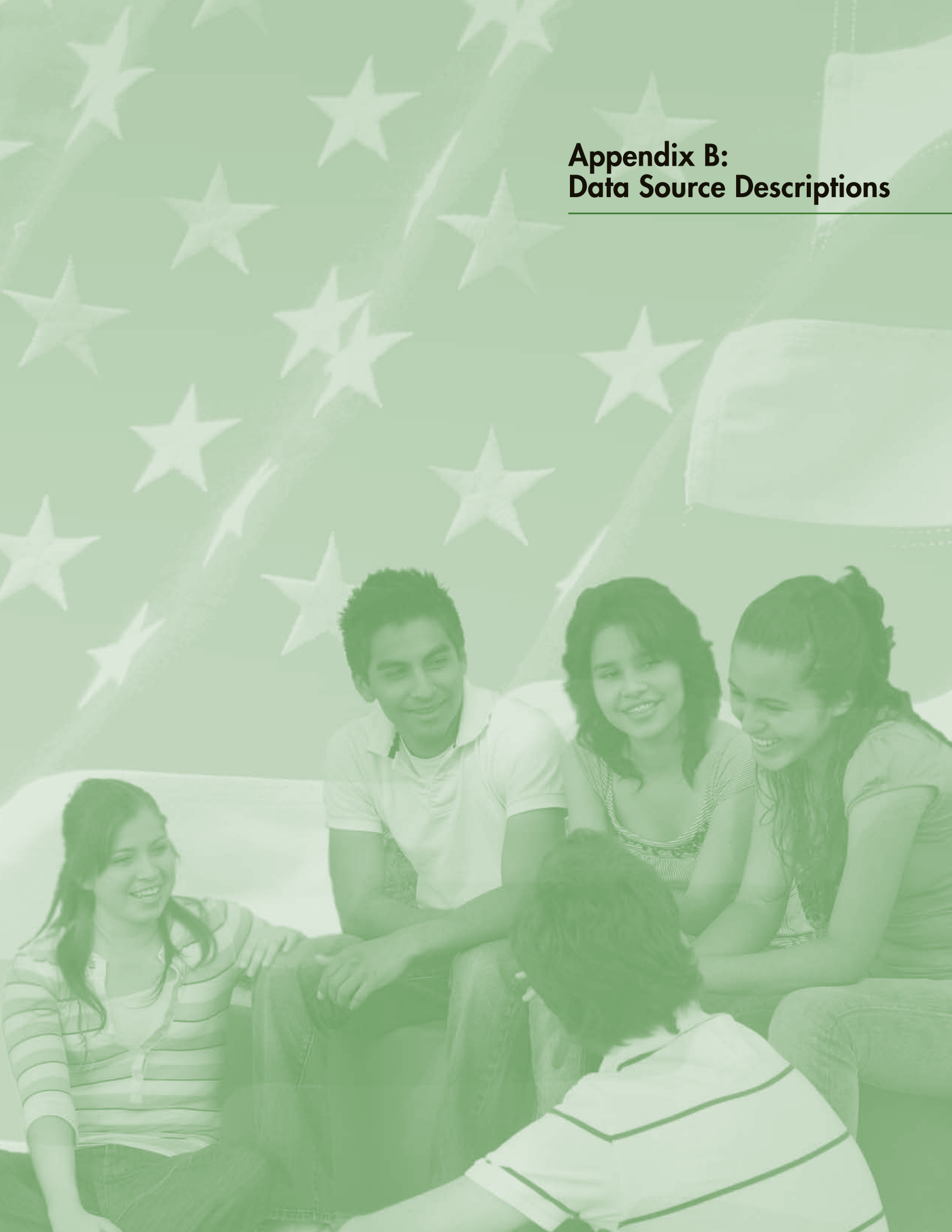
Adoption: Percentage of children ages 3–17 with moderate to severe health problems[a] by age, adoptive status, and adoption type, 2007

Health condition	All children	All adopted children	Adoption type		
			Foster care	Domestic private	International
Total, any condition					
Ages 3–17	12	29	43	25	14
Ages 3–11	11	24	42	20	9
Ages 12–17	14	35	45	29	27
Learning disability	4	12	18	19	5
ADD/ADHD	4	12	20	9	5
Depression	1	2	2	2	0
Anxiety	2	6	9	5	1
Behavior/conduct problems	2	8	16	3	2
Autism	1	2	3	0	1
Developmental delay	2	7	13	4	3
Stuttering/speech problems	2	5	12	1	2
Tourette Syndrome	0	0	0	0	0
Asthma	3	4	4	7	1
Diabetes	0	0	0	0	1
Epilepsy/seizure disorder	0	1	1	1	1
Hearing problems	1	1	1	2	1
Vision problems	1	2	4	2	1
Bone/muscle/joint problems	1	4	7	2	1
Brain injury/concussion	0	0	0	0	0

[a] Children are considered to have moderate to severe health problems if their parent reported that a doctor had ever told them that their child had one of 16 health conditions included in the survey, and the parent characterized that condition as being either moderate or severe at the time of the interview. The specific health conditions include: learning disabilities; Attention Deficit Disorder or Attention Deficit with Hyperactivity Disorder; depression, anxiety problems, behavior or conduct disorders; Autism or Autism Spectrum Disorder; developmental delay; speech problems such as stuttering or stammering; asthma, diabetes, Tourette Syndrome, epilepsy or other seizure disorder; hearing problems; vision problems that cannot be corrected with glasses or contact lenses; bone, joint, or muscle problems; and brain injury or concussion. Some conditions were not assessed for children under age 3. In addition, relatively small samples and low prevalence of conditions among children ages 3–5 made a separate breakout of this age group infeasible.

SOURCE: Department of Health and Human Services, Office of the Assistant Secretary for Planning and Evaluation, Administration for Children and Families and National Center for Health Statistics (NCHS), State and Local Area Integrated Telephone Survey (SLAITS), National Survey of Adoptive Parents; and Maternal and Child Health Bureau and NCHS, SLAITS, National Survey of Children's Health.

Appendix B: Data Source Descriptions



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Data Source Descriptions

Air Quality System

The Air Quality System (AQS) contains ambient air pollution data collected by the U.S. Environmental Protection Agency (EPA) and by state, local, and tribal air pollution control agencies. Data on criteria pollutants (particulate matter, ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, and lead) consist of air quality measurements collected by sensitive equipment at thousands of monitoring stations in all 50 states, plus the District of Columbia, Puerto Rico, and the U.S. Virgin Islands. Each monitor measures the concentration of a particular pollutant in the air. Monitoring data indicate the average pollutant concentration during a specified time interval, usually 1 hour or 24 hours. AQS also contains meteorological data, descriptive information about each monitoring station (including its geographic location and its operator), and data quality assurance/quality control information. Data are available from AQS beginning with the year 1957. The system is administered by the EPA's Office of Air Quality Planning and Standards (OAQPS), Outreach and Information Division (OID), located in Research Triangle Park, North Carolina. For the Outdoor Air Quality indicator, a county is considered to exceed the air quality standard for a pollutant if the measured pollutant level was greater than the standard at any monitor within the county during the year. The indicator is calculated as the sum of children living in counties with exceedances divided by the total number of children in the United States.

Information about the AQS is available online at http://www.epa.gov/air/data/aqsdb.html.

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American Community Survey

The American Community Survey (ACS) is an annual nationwide survey that replaced the long form in decennial censuses beginning in 2010. The objective of the ACS is to provide data users with timely housing, social, and economic data that is updated every year and can be compared across states, communities, and population groups.

The ACS was implemented in three parts: (1) Demonstration period, 1996–1998, beginning at 4 sites; (2) Comparison site period, 1999–2004, comparing 31 sites continuously over this period as well as adding other counties to the survey in preparation for full implementation; and (3) Full implementation nationwide in 2005. (Sampling of group quarters was added in 2006.) Starting in January 2005, the U.S. Census Bureau implemented the American Community Survey in every county of the United States with an annual sample of 3 million housing units. Beginning in 2006, the survey data have been available every year for large geographic areas and population groups of 65,000 or more.

For small areas and population groups of 20,000 or less, a period of five years is necessary to accumulate a large enough sample to provide estimates with accuracy similar to the decennial census. Each month, a systematic sample of addresses is selected from the most current Master Address File (MAF). The sample represents the entire United States. Data are generally collected by mail; however, households that do not respond by mail may be contacted using computer-assisted telephone interviewing (CATI), computer-assisted personal interviewing (CAPI), or both.

Information about the American Community Survey is available online at http://www.census.gov/acs/www/index.html.

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American Housing Survey

The American Housing Survey (AHS) is sponsored by the Office of Policy Development and Research of the U.S. Department of Housing and Urban Development and is conducted by the Census Bureau. The survey provides data necessary for evaluating progress toward "a decent home and a suitable living environment for every American family," a goal affirmed in 1949 and 1968 legislation. The AHS began as an annual survey in 1973 and has been conducted biennially in odd numbered years since 1985. A longitudinal, nationally representative sample of 50,000 housing units plus newly constructed units has been surveyed since 1985. Transient accommodations, military and worker housing, and institutional quarters are excluded. AHS data detail the types, size, conditions, characteristics, costs and values, equipment, utilities, and dynamics of the housing inventory, as well as some information about neighborhood conditions. Data about occupants include demographic, financial, and mobility characteristics of the occupants. Since 1997, the AHS has been conducted using computer-assisted personal interviewing.

Information about the American Housing Survey is available online at http://www.huduser.org/portal/datasets/ahs.html.

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Current Population Survey

Core survey and supplements. The Current Population Survey (CPS) is a nationwide survey of about 60,000 households conducted monthly for the U.S. Bureau of Labor Statistics by the U.S. Census Bureau. The survey is representative of the civilian noninstitutionalized population of the United States with sample located in more than 2,000 counties and independent cities and coverage in every state and in the District of Columbia.

The CPS core survey is the primary source of information on the employment characteristics of the noninstitutionalized civilian population, including estimates of unemployment released every month by the U.S. Bureau of Labor Statistics.

In addition to the core survey, monthly CPS supplements provide additional demographic and social data. The Annual Social and Economic Supplement (ASEC)—formerly called the March Supplement—and the October school enrollment supplement provide information used to estimate the status and well-being of children. The ASEC and school enrollment supplement have been administered every year since 1947. The October supplement to the CPS asks questions on school enrollment by grade and on other school characteristics about each member of the household age 3 or older. In this report, data on poverty status, health insurance, and the highest level of school completed or degree attained are derived from the ASEC. The food security supplement, introduced in April 1995 and administered in December since 2001, is described in detail below.

The CPS sample is selected from a complete address list of geographically delineated primary sampling units, which are based on census addresses and updated using recent construction and other data. It is administered through field representatives, either in person or by telephone using computer-assisted personal interviewing (CAPI). Some CPS data are also collected through a centralized telephone operation, computer-assisted telephone interviewing (CATI). For more information regarding the CPS, its sampling structure, and estimation methodology, see *Current Population Survey Design and Methodology Technical Paper 66,* Bureau of Labor Statistics, October 2006, available online at http://www.census.gov/prod/2006pubs/tp-66.pdf.

The ASEC reflects interviews based on a sample of about 100,000 households. The ASEC (formerly the March Supplement) now includes data collected in February, March, and April. In September 2000, the U.S. Census Bureau began expanding the monthly CPS sample in 31 states and the District of Columbia. States were identified for sample supplementation based on the standard error of their March estimate of low-income children without health insurance. Effective with the release of July 2001 data, official labor force estimates from the CPS reflect the expansion of the monthly CPS sample from about 50,000 to about 60,000 eligible households. This expansion of the monthly CPS sample was one part of the U.S. Census Bureau's plan to meet the requirement of the State Children's Health Insurance Program (SCHIP) legislation that the U.S. Census Bureau improve state-level estimates of the number of children who live in low-income families and lack health insurance. These estimates are obtained from the ASEC supplement to the CPS.

Food security supplement. The food security supplement collects information on households' economic access to enough food, actual food spending, and use of Federal and community food assistance programs. The survey contains a systematic set of questions validated as measures of severity of food insecurity on a 12-month and a 30-day basis. Statistics presented in this report are based on 12-month data from the CPS food security supplements. The food security questions are based on material reported in prior research on hunger and food security and reflect the consensus of nearly 100 experts at the 1994 Food Security and Measurement Conference, convened jointly by the National Center for Health Statistics (NCHS) and the Food and Nutrition Service of the U.S. Department of Agriculture. The supplement was developed, tested, and refined further by the conferees, members of a Federal interagency working group, and survey methods specialists for the U.S. Census Bureau's Center for Survey Methods Research. All households interviewed in the CPS in December are eligible for the supplement. Special supplement sample weights were computed to adjust for the demographic characteristics of supplement noninterviews.

Information about food security is available online at the Economic Research Service, Food Security Briefing Room at http://www.ers.usda.gov/briefing/foodsecurity.

Information about the CPS is available online at http://www.census.gov/cps.

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Decennial Census Data

The Census Bureau conducted decennial censuses in the United States in 1990, 2000, and 2010, as well as in previous decades, back to 1790. Statistical data from the censuses of 2000 and 2010 are available through American Fact Finder. The data from the 1990 decennial census are archived and are searchable in American Fact Finder by including "archived products" in the search.

Date:

- April 1, 2000 (Census Day) is the reference date for Census 2000.
- April 1, 2010 (Census Day) is the reference date for the 2010 Census.

The Topic Search/Survey category "Census United States" covers the 50 states and the District of Columbia.

Census 2000 and earlier decennial censuses gathered information on demographic, social, economic, and housing characteristics of the population. Census 2000 datasets include more subjects than those for 2010, because Census 2000 used both a short form (with a limited number of characteristics for every person and every housing unit) and a long form (with additional questions asked of a sample of persons and housing units). The short form provided information on age, sex, race, Hispanic or Latino origin, household relationship, tenure (whether a housing unit is owner- or renter-occupied), and occupancy status. The long form covered additional population characteristics such as income, educational attainment, labor force status, place of birth, etc., and additional housing characteristics.

In the 2010 Census of the United States a limited number of questions were asked of every person and every housing unit. Population and housing characteristics not covered in the 2010 Census can be found in data from the American Community Survey, also available on American Fact Finder.

In any large-scale statistical operation such as the 2010 Census, human- and computer-related errors occur. These errors are commonly referred to as nonsampling errors. Such errors include not enumerating every household or every person in the population, not obtaining all required information from the respondents, obtaining incorrect or inconsistent information, and recording information incorrectly. The primary sources of error and the programs instituted to control error in Census 2010 are described in detail in 2010 Census Redistricting Data (Public Law 94-171) in Chapter 7, "2010 Census: Operational Overview and Accuracy of the Data" located at http://www.census.gov/prod/cen2010/doc/pl94-171.pdf.

While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the decennial census, the Census Bureau attempts to control the sources of such error during the collection and processing operations.

For information on the computation and use of standard errors, contact:

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High School Transcript Studies

High school transcript studies have been conducted by the National Center for Education Statistics (NCES) as part of the Longitudinal Studies Program and the National Assessment of Educational Progress (NAEP) High School Transcript Studies (HSTS) program since 1982. Each transcript study is associated with a major NCES data collection. For example, the first NCES-sponsored transcript study was associated with the first follow-up survey of the High School and Beyond Study (HS&B) in 1982. The second follow-up of the National Education Longitudinal Study (NELS:88) was associated

with the 1992 transcript collection. A third transcript study associated with the longitudinal study series was conducted for the Education Longitudinal Study (ELS:2002) in 2004/05. In addition, the National Assessment of Educational Progress (NAEP) collected transcript data in 1987, 1990, 1994, 1998, 2000 and 2005.

The transcript studies collect information that is contained on the student high school record—i.e., courses taken while attending secondary school, information on credits earned, year and term a specific course was taken, and final grades. When available, information on class rank and standardized scores is also collected. Once collected, information (e.g., course name, credits earned, course grades) is transcribed and standardized (e.g., credits and credit hours standardized to a common metric) and can be linked back to the student's questionnaire or assessment data.

The 1982 data are based on approximately 12,000 transcripts collected by the HS&B Study. The 1987 data are based on approximately 25,000 transcripts from 400 schools obtained as part of the 1987 NAEP High School Transcript Study, a scope comparable to that of the NAEP transcript studies conducted in 1990, 1994, 1998, and 2000. The 1992 data are based on approximately 15,000 transcripts collected by the National Education Longitudinal Study of 1988 (NELS:88/92). The 2005 NAEP High School Transcript Study (HSTS) collected a sample of over 26,000 transcripts from 640 public schools and 80 private schools.

The NAEP HSTS provides coursetaking and demographic information for a nationally representative, stratified sample of high school seniors. The HSTS provides the U.S. Department of Education and other education policymakers with information regarding current course offerings and coursetaking patterns in the Nation's secondary schools. In addition, it provides information on the relationship between student coursetaking patterns and achievement, as measured by NAEP. The NAEP high school transcript studies excluded students who did not graduate from high school, had not received a "regular" or "honors" diploma, or did not have complete transcript data.

Information on NAEP high school transcript studies is available online at http://nces.ed.gov/nationsreportcard/hsts/.

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Information on all other high school transcript studies is available online at http://nces.ed.gov/surveys/hst.

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Monitoring the Future

The Monitoring the Future (MTF) study is a continuing series of surveys intended to assess the changing lifestyles, values, and preferences of American youth. Each year since 1975, high school seniors from a representative sample of public and private high schools have participated in this study. The 2010 survey is the 20th survey to include comparable samples of 8th- and 10th-graders in addition to seniors. The study is conducted by the University of Michigan's Institute for Social Research (ISR) under a grant from the National Institute on Drug Abuse. The survey design consists of a multistage random sample where the stages include selection of geographic areas, selection of one or more schools in each area, and selection of a sample of students within each school. Data are collected in the spring of each year using questionnaires administered in the classroom by representatives from ISR. The 2010 survey included 15,127 12th-graders from 126 schools, 15,586 10th-graders from 123 schools, and 15,769 8th-graders from 147 schools (a total of 46,482 students from 396 schools).

Adjustments in 10th-grade change scores in 2009. All figures and tables in this report omit the data point from the 2008 survey of 10th-graders, because it was believed that the data for that year to be inaccurate due to sampling error, a highly unusual occurrence. This is the first time there was a need to adjust the data from a survey in the 34 years of the study; fortunately, this affects only a single grade.

Several facts led to this decision. First, it was observed that in 2008, 10th grade was the only grade that showed a decline in marijuana use, as well as in the indexes of use that include marijuana. And in 2009 it was the only grade to show an increase in some of those same measures. While trends do sometimes differ from one grade to another, the fact that this happened in just a single year led to the conclusion that the 2008 10th-grade sample likely showed erroneously low levels of use of certain drugs—particularly marijuana and alcohol—most likely due to sampling error. Other findings also supported this interpretation.

An examination of the subgroup trend tables shows that there were unusually large increases of marijuana use in two regions of the country in 2009, the West and the South, raising the possibility that relatively few schools accounted for the increase in that year. Further, there is no evidence in the trend lines from the other two grades that such an increase was actually occurring in those two regions for either marijuana or alcohol, as would be expected if the 10th-grade data accurately represented the population. Finally, an examination of data from 10th-graders in the

matched half sample of schools that participated in both the 2008 and 2009 surveys reveals considerably smaller 1-year increases in use of these two drugs than does the full sample analysis. (The changes in the matched half samples are routinely examined to help validate the results from the full samples. Normally, the two indicators of change replicate closely.)

Therefore, it was judged unlikely that the apparent decline in 2008 and sharp increase in 2009 for 10th-graders are accurate characterizations of the total populations. Thus, the 2008 10th-grade data points are omitted in the figures and tables. However, the 1-year change score was calculated utilizing the matched half sample of schools participating in both 2008 and 2009, and it was noted that the change is not significant. Their results should be relatively unaffected by schools entering and leaving the sample each year. Importantly, these adjusted change scores bring the 10th-grade change data much more into line with what is observed to be occurring in the other two grades.

For more information, please see:

Johnston, L.D., O'Malley, P.M., Bachman, J.G., and Schulenberg, J.E. (in press). *Monitoring the Future national survey results on drug use, 1975–2009: Volume I, secondary school students* (NIH Publication No. 10-7584). Bethesda, MD: National Institute on Drug Abuse.

Information about MTF is available online at http://www.nida.nih.gov/DrugPages/MTF.html and http://monitoringthefuture.org.

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National Assessment of Educational Progress

The National Assessment of Educational Progress (NAEP) is mandated by Congress to continuously monitor the knowledge, skills, and performance of the Nation's children and youth. To measure trends in educational performance, NAEP has periodically assessed students in grades 4, 8, and 12 since 1990 in reading and mathematics, as well as in other subjects such as science, writing, and U.S. history. The assessments use the curriculum frameworks developed by the National Assessment Governing Board (NAGB) and the latest advances in assessment methodology. The frameworks use standards developed within the field, using a consensus process involving educators, subject-matter experts, and other interested citizens.

The content and nature of the main NAEP evolves periodically to reflect changes in curriculum and instructional practices. NAEP includes students in public and nonpublic schools. A charter school could be sampled, since such schools are within the universe of public schools, but homeschoolers are not included. Before 2002, the NAEP national sample was an independently selected national sample. However, beginning in 2002, the NAEP national sample was obtained by aggregating the samples from each state. As a result, the size of the national sample increased, which means that smaller differences between estimates from different administrations and different types of students may now be found to be statistically significant than could have been detected in assessment results reported before 2002.

Until 1996, NAEP assessments excluded certain subgroups of students identified as "special needs students," including students with disabilities and students with limited English proficiency. For the 1996 and 2000 mathematics assessments and the 1998 and 2000 reading assessments, NAEP included separate assessments with provisions for accommodating these students (e.g., extended time, small group testing, mathematics questions read aloud, and so on). For these years, results are reported for both the unaccommodated and accommodated assessments. After 2000, only a single accommodated assessment was administered.

Information about NAEP is available online at http://nces.ed.gov/nationsreportcard.

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National Child Abuse and Neglect Data System

The National Child Abuse and Neglect Data System (NCANDS) annually collects case-level data on reports alleging child abuse and neglect, as well as the results of these reports, from state child protective services (CPS) agencies. The mandate for NCANDS is based on the Child Abuse Prevention and Treatment Act (CAPTA), as amended in 1988, which directed the Secretary of the U.S. Department of Health and Human Services (HHS) to establish a national data collection and analysis program that would make available state child abuse and neglect reporting information. HHS responded by establishing NCANDS as a voluntary, national reporting system. In 1992, HHS produced its first NCANDS report based on data from 1990. The annual data report *Child Maltreatment* evolved from that initial report.

During the early years, states provided aggregated data on key indicators of reporting of alleged child maltreatment. Starting with the 1993 data year, states voluntarily began to submit case-level data. For a number of years, states

provided both data sets, but starting with data year 2000, the case-level data set became the primary source of data for the annual report. In 1996, CAPTA was amended to require all states that receive funds from the Basic State Grant program to work with the Secretary of HHS to provide specific data, to the extent practicable, on children who had been maltreated. The NCANDS data elements were revised to meet these requirements beginning with the submission of 1998 data.

States that submit case-level data construct a child-specific record for each report of alleged child abuse or neglect that received a disposition as a result of an investigation or an assessment during the reporting period. The reporting period for 2009 was from October 1, 2008, through September 30, 2009. The case-level data are reported in the Child File. Data fields include the demographics of the children and their perpetrators, types of maltreatment, investigation or assessment dispositions, risk factors, and services provided as a result of the investigation or assessment. In 2009, fifty states submitted the Child File and aggregate-level data in the Agency File for items that were not obtainable at the child level, such as the number of CPS workers. Two states reported only aggregate statistics on key indicators; these states are in the process of developing the Child File.

The count of child victims is based on the number of investigations that found a child to be a victim of one or more types of maltreatment. The count of victims is, therefore, a report-based count and is a "duplicated count," since an individual child may have been the subject of a report more than once. Children are considered to be "victims of maltreatment" if the allegation is either "substantiated" or "indicated" by the investigation process. Substantiation is a case determination that concludes that the allegation of maltreatment or risk of maltreatment is supported by state law or policy. "Indicated" is a case determination that concludes that although maltreatment cannot be substantiated by state law or policy, there is reason to suspect that the child may have been maltreated or was at risk of maltreatment.

Data collected by NCANDS are a critical source of information for many publications, reports, and activities of the Federal government and other groups. An annual report on child welfare outcomes includes context and outcome data on safety based on state submissions to NCANDS. NCANDS data have been incorporated into the Child and Family Services Reviews (CFSR), which ensure conformity with state plan requirements in titles IV–B and IV–E of the Social Security Act.

Rates are based on the number of states submitting data to NCANDS each year; states include the District of Columbia and Puerto Rico. The overall rate of maltreatment is based on the following number of states for each year: 51 in 1998, 50 in 1999, 50 in 2000, 51 in 2001, 51 in 2002, 51 in 2003, 50 in 2004, 52 in 2005, 51 in 2006, 50 in 2007, 51 in 2008, and 52 in 2009. The number of states reporting on sex for the years 2000 to present was 50 in 2000, 51 in 2001, 51 in 2002, 51 in 2003, 50 in 2004, 51 in 2005, 51 in 2006, 50 in 2007, 51 in 2008, and 52 in 2009. The number of states reporting on race and Hispanic origin for the years 2000 to present was 48 in 2000, 49 in 2001, 50 in 2002, 50 in 2003, 49 in 2004, 50 in 2005, 49 in 2006, 46 in 2007, 48 in 2008, and 48 in 2009. The number of states reporting on age for the years 2000 to present was 50 in 2000, 51 in 2001, 51 in 2002, 51 in 2003, 50 in 2004, 51 in 2005, 51 in 2006, 50 in 2007, 51 in 2008, and 52 in 2009. Rates from 1998 to 1999 are based on aggregated data submitted by states; rates from 2000 to the present are based on case-level data submitted by states. The reporting year changed in 2003 from the calendar year to the Federal fiscal year.

Information about NCANDS is available online at http://www.acf.hhs.gov/programs/cb/stats_research/index.htm#can.

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National Crime Victimization Survey

The National Crime Victimization Survey (NCVS) is the Nation's primary source of information on criminal victimization. In earlier years, researchers obtained data from interviews twice a year with a nationally representative sample of roughly 49,000 households that included more than 100,000 persons ages 12 and older. The sample for 2009, the most recent year, was 39,000 households including 69,000 persons ages 12 and older interviewed twice at 6 month intervals. Sample households are chosen using a multistage stratified sample design. All household members ages 12 and older in selected households are interviewed to obtain information on the frequency, characteristics, and consequences of criminal victimization in the United States. The survey measures the likelihood of victimization by rape, sexual assault, robbery, assault, theft, household burglary, and motor vehicle theft for the population as a whole, as well as for segments of the population such as adolescents and members of various racial and gender groups. Either in person or by telephone, victims are also asked whether they reported the incident to the police. In instances of personal violent crimes, they are asked about the characteristics of the perpetrator.

The response rate for 2009 was 91.8 percent of eligible households and 87.0 percent of eligible individuals. The NCVS provides the largest national forum for victims to describe the impact of crime and to provide their characteristics and those of violent offenders. It has been ongoing since 1973 and was redesigned in 1992.

Due to changes in survey methodology in 2006 that mainly affected rural areas, national-level estimates were not comparable to estimates based on NCVS data from previous years. The U.S. Census Bureau, the Bureau of Justice Statistics (BJS), and a panel of outside experts extensively reviewed the 2006 NCVS data and determined that there was a break in series between 2006 and previous years that prevented annual comparison of criminal victimization at the national level. This was mainly the result of three major changes in the survey methodology: (1) introducing a new sample to account for shifts in population and location of households that occur over time; (2) incorporating responses from households that were in the survey for the first time; and (3) using computer-assisted personal interviewing (CAPI). These changes were reversed in 2007, suggesting that the 2006 findings represent a temporary anomaly in the data.

Information about the NCVS is available online at http://bjs.ojp.usdoj.gov/index.cfm?ty=dcdetail&iid=245.

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National Health and Nutrition Examination Survey

The National Health and Nutrition Examination Survey (NHANES) program of the Centers for Disease Control and Prevention's National Center for Health Statistics is a series of cross-sectional nationally representative surveys. NHANES uses a complex stratified, multistage probability sampling design. The survey is designed to assess the health and nutritional status of the civilian, noninstitutionalized population of adults and children in the United States. NHANES is unique in that it combines household interviews and physical examinations. Interviewers obtain information on demographic characteristics and health conditions through self-reports (or reports from parents for those less than 16 years of age). Clinical examinations and selected medical and laboratory tests are conducted in mobile examination centers (MECs). Oversampling of certain subgroups, such as Mexican Americans, Blacks, adolescents, adults 60 years and older, and low-income Whites has occurred at different times to improve the statistical reliability of the estimates.

Periodic surveys were conducted from 1971–1974 (NHANES I) from 1976–1980 (NHANES II), and from 1988–1994 (NHANES III). Beginning in 1999, NHANES became a continuous survey. Although each cross-sectional survey provides a national estimate for the U.S. population, data are released for two years combined in order to protect confidentiality and in order to produce stable estimates. It is sometimes necessary to combine four or more years of data to make estimates for subgroups. A two-year interview and examined sample includes approximately 10,000 persons of all ages. Starting in 2007–2008, NHANES oversampled all Hispanics, not just Mexican Americans. For more information on the NHANES data, see http://www.cdc.gov/nchs/data/nhanes/nhanes_03_04/nhanes_analytic_guidelines_dec_2005.pdf.

NHANES data used to calculate Healthy Eating Index-2005 scores. Participants in NHANES provide information on their dietary intake via an interviewer-administered 24-hour recall of all foods and beverages consumed. Data from the 2007–2008 survey cycle were used to calculate the Healthy Eating Index-2005 (HEI-2005) component scores shown in this edition of *America's Children.* The HEI-2005 has been computed for all individuals age 2 years and older because the Dietary Guidelines for Americans are not applicable to younger children or infants. Breast-fed children were excluded because breast milk intake was not quantified.

Information about NHANES is available online at http://www.cdc.gov/nchs/nhanes.htm, and information about the Healthy Eating Index-2005 is available at http://www.cnpp.usda.gov/HealthyEatingIndex.htm.

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National Health Interview Survey

The National Health Interview Survey (NHIS) is conducted by the National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC). NHIS monitors the health of the U.S. population through the collection and analysis of data on a broad range of topics. NHIS is a continuing nationwide sample survey of the noninstitutionalized civilian population in the United States, excluding patients in long-term care facilities, persons on active duty with the Armed forces, prisoners, and U.S. nationals living in foreign countries. Data are collected through personal household interviews by trained interviewers. Prior to 1997, a paper-and-pencil questionnaire format was used. From 1997 onward, computer-assisted personal interviewing (CAPI) was used. Interviewers obtain information on personal and demographic characteristics, including race and ethnicity, through self-reports or reports by a member of the household. Interviewers also collect data on illnesses, injuries, impairments, chronic conditions, activity limitation caused by chronic conditions, utilization of health services, and other health topics. Each year the survey is reviewed and special topics are added or deleted. For most health topics, the survey collects data over an entire year.

The NHIS sample is designed to estimate the national prevalence of health conditions, health service utilization, and health behaviors of the noninstitutionalized civilian population of the United States, and includes an oversample of Black, Hispanic, and since 2006, Asian persons. The household response rate for the ongoing part of the survey has ranged been between 82 and 98 percent over the years. The NHIS core questionnaire items are revised about every 10 to 15 years, most recently in 1997. Estimates beginning in 1997 are likely to vary slightly from those for previous years. The sample for the NHIS is redesigned and redrawn about every 10 years to better measure the changing U.S. population and to meet new survey objectives. A new sample design was implemented in 2006. In 2009, interviewers collected information for the family core questionnaire on 88,446 persons, including 11,156 children under 18 years of age.

For background and health data for children, see:

Bloom, B., Cohen, R.A., Freeman G. (2010). Summary health statistics for U.S. children: National Health Interview Survey, 2009. *National Center for Health Statistics. Vital and Health Statistics 10*(247).

Information about NHIS is available online at http://www.cdc.gov/nchs/nhis.htm.

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National Hospital Ambulatory Medical Care Survey

The National Hospital Ambulatory Medical Care Survey (NHAMCS) is conducted by the National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC). NHAMCS collects data on the utilization and provision of medical care services provided in hospital emergency and outpatient departments. Data are collected from medical records on type of health care provider seen; reason for visit; diagnoses; drugs ordered, provided, or continued; and selected procedures and tests performed during the visit. Patient data include age, sex, race, and expected source of payment. Data are also collected on selected characteristics of hospitals included in the survey. Annual data collection began in 1992.

The survey is a representative sample of visits to emergency departments (EDs) and outpatient departments (OPDs) of non-Federal, short-stay, or general hospitals. Telephone contacts are excluded. A four-stage probability sample design is used in NHAMCS, involving samples of primary sampling units (PSUs), hospitals within PSUs, clinics within OPDs, and patient visits within clinics.

The hospital sample consists of approximately 500 hospitals. In 2007, 35,490 ED patient record forms (PRFs) were completed, and in 2008, 34,134 PRFs were

completed. The ED hospital response rate was 93 percent in 2007 and 90 percent in 2008.

For background information, see:

McCaig, L.F., and McLemore, T. (1994). Plan and operation of the National Hospital Ambulatory Medical Care Survey. *Vital and Health Statistics 1*(34). Hyattsville MD: National Center for Health Statistics. Available online at: http://www.cdc.gov/nchs/data/series/sr_01/sr01_034acc.pdf.

Information about NHAMCS is available on the National Health Care Survey (NHCS) Web site at http://www.cdc.gov/nchs/nhcs.htm or the Ambulatory Health Care Web site at http://www.cdc.gov/nchs/ahcd.htm.

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National Household Education Survey

The National Household Education Surveys Program (NHES), conducted by the National Center for Education Statistics (NCES), collects detailed information about education issues through a household-based survey that uses telephone interviews. The sample for the NHES is drawn from the noninstitutionalized civilian population in households with a telephone in the 50 states and the District of Columbia. In each survey, between 44,000 and 60,000 households are screened to identify persons eligible for one of the topics. Generally, each collection covers two topical surveys, and researchers conduct between 2,500 and 25,000 interviews for each survey. The data are weighted to permit nationally representative estimates of the population of interest. In addition, the NHES design samples minorities at a higher rate than nonminorities to increase the reliability of estimates for smaller groups.

The 1991 NHES included a survey on early childhood program participation. Investigators screened approximately 60,000 households to identify a sample of about 14,000 children ages 3–8. They interviewed parents in order to collect information about these children's educational activities and the role of the family in the children's learning. In 1993, NCES fielded a school readiness survey in which parents of approximately 11,000 children age 3 through 2nd grade were asked about their children's experiences in early childhood programs, developmental level, school adjustment and related problems, early primary school experiences, general health and nutrition status, home activities, and family characteristics, including family stability and economic risk factors. In 1995, NCES also fielded an early childhood program participation survey, similar to the 1991 survey. It entailed screening approximately 44,000 households and interviewing 14,000 parents of children from birth through 3rd grade. In 1996, NCES fielded a survey of parent and family involvement in education, interviewing nearly 21,000 parents of children from age 3 through 12th grade. About 8,000 youth in grades 6 through 12 were also interviewed about their community service and civic involvement. The 1999 NHES was designed to collect end-of-the-decade estimates of key indicators collected in previous NHES surveys and to collect data from children and their parents about plans for the child's education after high school. Interviews were conducted with 24,000 parents of children ranging from newborns through 12th-graders, approximately 8,000 students in 6th through 12th grade in the youth interview, and nearly 7,000 adults.

Three surveys were fielded as part of the 2001 NHES. The Early Childhood Program Participation survey was similar in content to the 1995 collection and collected data about the education of 7,000 prekindergarten children ranging in age from birth to age 6. The Before and After-School Programs and Activities survey collected data about nonparental care arrangements and educational and noneducational activities in which children participate before and after school. Data were collected for approximately 10,000 kindergartners through 8th-graders. The third survey, fielded in 2001, was the Adult Education and Lifelong Learning survey, which gathered data about the formal and informal educational activities of 11,000 adults.

The 2005 NHES included surveys that covered early childhood program participation and after-school programs and activities. Data were collected from parents of about 7,200 children for the Early Childhood Program Participation Survey and from parents of nearly 11,700 children for the After-School Programs and Activities Survey. These surveys were substantially similar to the surveys conducted in 2001, with these exceptions: the Early Childhood Program Participation Survey and After-School Programs and Activities Survey did not collect information about before-school care for school-age children.

The 2007 NHES fielded the Parent and Family Involvement in Education Survey. This survey was similar in design and content to the 2003 collection. New features added to the Parent and Family Involvement Survey were questions about supplemental education services provided by schools and school districts (including use of and satisfaction with such services), as well as questions to efficiently identify the school attended by the sampled students. For the Parent and Family Involvement Survey, interviews were completed with parents of 10,681 sampled children in kindergarten through 12th grade, including 10,370 students enrolled in public or private schools and 311 homeschooled children.

Information about the NHES is available online at http://nces.ed.gov/nhes.

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National Immunization Survey

The National Immunization Survey (NIS) is a continuing nationwide telephone sample survey of families with children ages 19 to 35 months. Estimates of vaccine-specific coverage are available for the Nation, states, and selected urban areas.

The NIS uses a two-stage sample design that includes household data collection and provider record check. First, a random-digit-dialing sample of telephone numbers is drawn. When households with children ages 19 to 35 months are contacted, the interviewer collects information on the vaccinations received by all age-eligible children. The interviewer also collects information on the vaccination providers. In the second phase, all vaccination providers are contacted by mail. Providers' responses are combined with information obtained from the households to render estimates of vaccination coverage levels more accurately. Final estimates are adjusted for noncoverage of households without telephones.

The 2009 estimates were affected by the Hib vaccine shortage and the interim Advisory Committee on Immunization Practices (ACIP) recommendation to suspend the booster dose for healthy children from December 2007 to June 2009, a time when most children in the 2009 National Immunization Survey would have been eligible for the booster dose of the Hib vaccine.

The National Immunization Survey-Teen (NIS-Teen) was established to provide an ongoing, consistent data set for analyzing vaccination levels among adolescents in the United States and disseminating this information to interested public health partners. The NIS-Teen provides national and state estimates of vaccination coverage, including new vaccines as they are licensed and recommended for use.

Similar to the NIS, the NIS-teen uses random-digit-dialing to find households with adolescents ages 13 to 17. The households are asked about vaccines that they recall the adolescent receiving. Providers are then contacted by mail to verify each of the adolescent's vaccinations. These responses are combined with household data to render estimates of adolescent vaccination coverage.

Information about the NIS is available online at http://www.cdc.gov/vaccines/stats-surv/imz-coverage.htm#nis.

Information about the NIS-teen is available online at http://www.cdc.gov/vaccines/stats-surv/nis/default.htm#nisteen.

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National Linked Files of Live Births and Infant Deaths

The National Linked File of Live Births and Infant Deaths is a data file for research on infant mortality. Beginning with the 1995 data, this file is produced in two formats. The file is released first as a period data file and later as a cohort file. In the birth cohort format, it includes linked vital records for infants born in a given year who died in that calendar year or the next year, before their first birthday. In the period format, the numerator consists of all infant deaths occurring in one year, with deaths linked to the corresponding birth certificates from that year or the previous year. The linked file includes all the variables on the national natality file, as well as medical information reported for the same infant on the death record and the age of the infant at death. The use of linked files prevents discrepancies in the reporting of race between the birth and infant death certificates. National linked files are available starting with the birth cohort of 1983. No linked file was produced for the 1992 through 1994 data years. Match completeness for each of the birth cohort files is 98–99 percent.

For more information, see:

Prager, K. (1994). Infant mortality by birthweight and other characteristics: United States, 1985 birth cohort. *Vital and Health Statistics, 20*(24). Hyattsville, MD: National Center for Health Statistics.

Mathews, T.J., and MacDorman, M.F. (2010). Infant mortality statistics from the 2006 period linked birth/infant death data set. *National Vital Statistics Reports 58*(17). Hyattsville, MD: National Center for Health Statistics.

Information about the National Linked File of Live Births and Infant Deaths is available online at http://www.cdc.gov/nchs/linked.htm.

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National Survey of Adoptive Parents

The National Survey of Adoptive Parents (NSAP) was a random-digit-dial (RDD) telephone survey of households in the United States containing children ages 0–17 who lived with at least one English-speaking adoptive parent

and no biological parents in 2007. The survey was tailored to collect data from three types of adoptive families:

- Those who adopted through the U.S. foster care system.
- Those who adopted internationally.
- Those who adopted through domestic private sources.

Eligible respondents were identified during the administration of the 2007 National Survey of Children's Health (NSCH). Interviews took place between April 2007 and July 2008 with parents of 2,089 adopted children, including 545 children who were adopted internationally, 763 children who were adopted after having spent time in the U.S. foster care system, and 781 children who were adopted from private domestic sources.

The NSAP gathered information on the characteristics of adopted children and their families in order to gain insights into their adoption-related experiences and post-adoption well-being, service utilization, and needs. Topics covered in the 30-minute interview include the following: characteristics of the child, parent(s) and family; child and parent well-being, including attachment and adoption satisfaction; parents' reasons for adoption and pre-adoption preparation; contact with birth families; and services received and needed since the adoption. Families of children adopted from foster care were also asked about adoption subsidy payments and Medicaid coverage received as part of adoption assistance agreements.

The NSAP was sponsored and funded by the Office of the Assistant Secretary for Planning and Evaluation (ASPE) of the U.S. Department of Health and Human Services (HHS) and the Administration for Children and Families (ACF) of HHS, and was conducted by the National Center for Health Statistics (NCHS) of the Centers for Disease Control and Prevention (CDC). It was fielded as a module of the State and Local Area Integrated Telephone Survey (SLAITS).

Information about the NSAP is available online at: http://www.cdc.gov/nchs/slaits/nsap.htm.

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The National Survey of Children's Health

The National Survey of Children's Health, 2007 (NSCH) was a random-digit-dial telephone survey of households in the United States that contained a child 0–17 years of age in 2007. Interviews took place between April 2007 and July 2008 with caregivers of 91,642 children, approximately 1,800 in each state and in Washington, DC. The sampling weights were adjusted for nonresponse and noncoverage and are representative of the population of noninstitutionalized children at both the national and state levels.

The NSCH gathered information on the health, health care, and well-being of children and on the health-related characteristics of children, their families, and their neighborhoods. Topics covered in the 30-minute interview included: health and functional status; health insurance coverage; health care access and utilization; medical home; family functioning; parental health; neighborhood and community characteristics; and age-specific information such as child care and breastfeeding for children ages 0–5 years and school engagement and social activities for children ages 6–17 years.

The NSCH was sponsored and funded by the Health Resources and Services Administration's Maternal and Child Health Bureau (MCHB), and was conducted by the Centers for Disease Control and Prevention's National Center for Health Statistics (NCHS). It was fielded as a module of the State and Local Area Integrated Telephone Survey (SLAITS).

Information about the NSCH is available online at: http://www.cdc.gov/nchs/slaits/nsch.htm.

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National Survey on Drug Use and Health

The National Survey on Drug Use and Health (NSDUH) is sponsored by the Center for Behavioral Health Statistics and Quality (CBHSQ) of the Substance Abuse and Mental Health Services Administration (SAMHSA). The CBHSQ (formerly the Office of Applied Studies [OAS]) is the data collection agency.

The National Survey on Drug Use and Health (NSDUH) has been conducted since 1971 and serves as the primary source of information on the prevalence and incidence of illicit drug, alcohol, and tobacco use in the civilian, noninstitutionalized population ages 12 and over in the United States. Information about substance abuse and dependence, mental health problems, and receipt of substance abuse and mental health treatment is also included.

The survey covers residents of households (living in houses/townhouses, apartments, and condominiums, etc.), persons in noninstitutional group quarters (e.g., shelters, rooming/boarding houses, college dormitories, migratory workers' camps, and halfway houses), and civilians living on military bases. Persons excluded from the survey include homeless people who do not use shelters, active military personnel, and residents of institutional group quarters.

NSDUH data are representative not only nationally but also in each state. The survey design includes an independent, multistage area probability sample for each state and the District of Columbia to accommodate state estimates of substance use and mental health. The survey design also oversamples youths and young adults.

The unit analysis is at person level. The mode of data collection is through in-person interviews with sampled persons. Computer-assisted interviewing (CAI) methods, including audio computer-assisted self-interviewing (ACASI), are used to provide a private and confidential setting to complete the interview. Over 67,000 interviews are conducted each year using these methods.

Public-use data files for 1979, 1982, 1985, 1988, and annually from 1990 to the present are currently available through the Substance Abuse and Mental Health Data Archive (SAMHDA) and the archive's online data analysis system (http://www.icpsr.umich.edu/SAMHDA/).

Information about NSDUH is available online at http://oas.samhsa.gov/nsduh.htm.

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Email: See http://www.oas.samhsa.gov/Mail/email.cfm

National Vital Statistics System

Through the National Vital Statistics System, the National Center for Health Statistics (NCHS) collects and publishes data on births and deaths in the United States. NCHS obtains information on births and deaths from the registration offices of all states, New York City, and the District of Columbia.

Demographic information on birth certificates, such as race and ethnicity, is provided by the mother at the time of birth. Hospital records provide the base for information on birthweight, while funeral directors and family members provide demographic information on death certificates. Medical certification of cause of death is provided by a physician, medical examiner, or coroner.

Information on Hispanic origin. The number of states gathering information on births to parents of Hispanic origin has increased gradually since 1980–1981, when 22 states included this information on birth certificates. By 1993, the Hispanic origin of the mother was reported on birth certificates in all 50 states and the District of Columbia. Similarly, mortality data by Hispanic origin of decedent have become more complete over time. In 1997, Hispanic origin was reported on death certificates in all 50 states and the District of Columbia.

Population denominators. The natality and mortality rates shown in this report for 1991–2001 have been revised, based on populations consistent with the census conducted on April 1, 2000. Prior to *America's Children, 2003,* rates were based on populations projected from the 1990 Census. The population estimates for 2000–2009 can be found online at http://www.cdc.gov/nchs/nvss/bridged_race.htm. It was necessary to create population estimates for 2000–2009 that were consistent with the race categories used in the 1990 Census.

The revised intercensal population estimates for 5-year age groups for 1991–1999 can also be found online at http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm.

Detailed information on the methodologies used to develop the revised populations, including the populations for birth rates for teenagers and birth rates for unmarried teenagers, is presented in several publications.

For more information about these methodologies, see:

Ventura, S.J., Hamilton, B.E., Sutton, P.D. (2003). Revised birth and fertility rates for the United States, 2000 and 2001. *National Vital Statistics Reports, 51*(4). Hyattsville, MD: National Center for Health Statistics.

Hamilton, B.E., Sutton, P.D., and Ventura, S.J. (2003). Revised birth and fertility rates for the 1990s: United States, and new rates for Hispanic populations, 2000 and 2001. *National Vital Statistics Reports, 51*(12). Hyattsville, MD: National Center for Health Statistics.

National Center for Health Statistics. (2002). Unpublished estimates of the April 1, 2000, United States population by age, sex, race, and Hispanic origin, prepared under a collaborative arrangement with the U.S. Census Bureau. Available online at http://www.cdc.gov/nchs/about/major/dvs/popbridge/popbridge.htm.

Ingram, D.D., Weed, J.A., Parker, J.D., Hamilton, B.E., Schenker, N., Arias, E., and Madans, J. (2003). U.S. Census 2000 population with bridged race categories. National Center for Health Statistics. *Vital Health Statistics, 2*(135).

Anderson, R.N., and Arias, E. (2003). The effect of revised populations on mortality statistics for the United States, 2000. *National Vital Statistics Reports, 51*(9). Hyattsville, MD: National Center for Health Statistics.

Preliminary data. NCHS continuously receives statistical records from the states' vital registration systems, providing preliminary data. Investigators weight individual records of births and deaths to independent counts of vital events registered in each state and reported to NCHS. These independent counts, aggregated for a 12-month period, serve as control totals and are the basis for the individual unit record weights in the preliminary file. For selected variables, unknown or not-stated values are imputed. The percentage not stated is generally 1 percent or less.

For more information on national natality and mortality data, see:

National Center for Health Statistics. (2001). Technical appendix. *Vital Statistics of the United States, 1999,* natality. Hyattsville, Maryland: National Center for Health Statistics. Available online at http://www.cdc.gov/nchs/data/techap99.pdf.

National Center for Health Statistics. (2010). Detailed technical notes. United States, 2008, natality. Hyattsville, Maryland: National Center for Health Statistics. Available online at ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/DVS/natality/UserGuide2008.pdf.

National Center for Health Statistics. (2004). Technical appendix. *Vital Statistics of the United States, 1999,* vol. II, mortality, part A. Hyattsville, Maryland: National Center for Health Statistics. Available online at http://www.cdc.gov/nchs/data/statab/techap99.pdf.

Information about the National Vital Statistics System is available online at http://www.cdc.gov/nchs/nvss.htm.

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Safe Drinking Water Information System

The Safe Drinking Water Information System (SDWIS) is the national regulatory compliance database for the drinking water program of the U.S. Environmental Protection Agency (EPA). SDWIS includes information on the Nation's 160,000 public water systems and data submitted by states and EPA regions in conformance with reporting requirements established by statute, regulation, and guidance.

EPA sets national standards for drinking water. These requirements take three forms: maximum contaminant levels (MCLs, the maximum allowable level of a specific contaminant in drinking water), treatment techniques (specific methods that facilities must follow to remove certain contaminants), and monitoring and reporting requirements (schedules that utilities must follow to report testing results). States report any violations of these three types of standards to the EPA.

Water systems must monitor for contaminant levels on fixed schedules and report to the EPA when a maximum contaminant level has been exceeded. States must also report when systems fail to meet specified treatment techniques. More information about the maximum contaminant levels can be found online at http://www.epa.gov/safewater/contaminants/index.html.

EPA sets minimum monitoring schedules that drinking water systems must follow. These minimum monitoring schedules (states may require systems to monitor more frequently) vary by the type and size of the drinking water system, by the source water (surface water or ground water), and by contaminant. For example, at a minimum, all drinking water systems regularly monitor nitrate, community water systems that serve surface water monitor daily for turbidity, and ground water systems may monitor inorganic contaminants every 9 years.

SDWIS includes data on the total population served by each public water system and the state in which the public water system is located. However, SDWIS does not include the number of children served. The fractions of the population served by noncompliant public water systems in each state were estimated using the total population served by violating community water systems divided by the total population served by all community water systems. The numbers of children served by violating public water systems in each state were estimated by multiplying the fraction of the population served by violating public water systems by the number of children (ages 0–17) in the state.

Information about SDWIS is available online at http://www.epa.gov/safewater/sdwisfed/sdwis.htm.

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Survey of Income and Program Participation

Core survey and topical modules. Implemented by the U.S. Census Bureau in 1984, the Survey of Income and Program Participation (SIPP) is a continuous series of national longitudinal panels, with a sample size ranging from approximately 14,000 to 36,700 interviewed households. The duration of each panel ranges from 2 years to 4 years, with household interviews every 4 months.

The SIPP collects detailed information on income, labor force participation, participation in government assistance programs, and general demographic characteristics in order to measure the effectiveness of existing government programs, estimate future costs and coverage of government programs, and provide statistics on the distribution of income in America. In addition, topical modules provide detailed information on a variety of subjects, including health insurance, child care, adult and child well-being, marital and fertility history, and education and training. The U.S. Census Bureau releases cross-sectional, topical modules and longitudinal reports and data files. In 1996, the SIPP questionnaire was redesigned to include a new 4-year panel sample design and the computer-assisted personal interviewing (CAPI) method. The 2004 panel was a 3-year panel sample, and a new 2008 panel is currently in the field and is anticipated to cover a 3-year period.

Information about the SIPP is available online at http://www.sipp.census.gov/sipp.

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Youth Risk Behavior Surveillance System

The Youth Risk Behavior Surveillance System (YRBSS) was developed in 1990 to monitor priority health risk behaviors that contribute markedly to the leading causes of death, disability, and social problems among youth and adults in the United States. The YRBSS includes national, state, and local school-based surveys of representative samples of 9th- through 12th-grade students. These surveys are conducted every 2 years, usually during the spring semester. The national survey, conducted by the Centers for Disease Control and Prevention (CDC), provides data representative of high school students in public and private schools in the United States. The state and local surveys, conducted by departments of health and education, provide data representative of public high school students in each state or local school district.

The sampling frame for the 2009 national Youth Risk Behavior Survey (YRBS) consisted of all public and private schools with students in at least one of grades 9–12 in the 50 states and the District of Columbia. A three-stage cluster sample design produced a nationally representative sample of students in grades 9–12 who attend public and private schools. All students in selected classes were eligible to participate. Schools, classes, and students that refused to participate were not replaced. For the 2009 national YRBS, 16,460 questionnaires were completed in 158 schools. The school response rate was 81 percent, and the student response rate was 88 percent. The school response rate multiplied by the student response rate produced an overall response rate of 71 percent.

Survey procedures for the national, state, and local surveys were designed to protect students' privacy by allowing for anonymous and voluntary participation. Before survey administration, local parental permission procedures were followed. Students completed the self-administered questionnaire during one class period and recorded their responses directly on a computer-scannable booklet or answer sheet.

Information about the YRBS and the YRBSS is available online at http://www.cdc.gov/HealthyYouth/yrbs.

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