

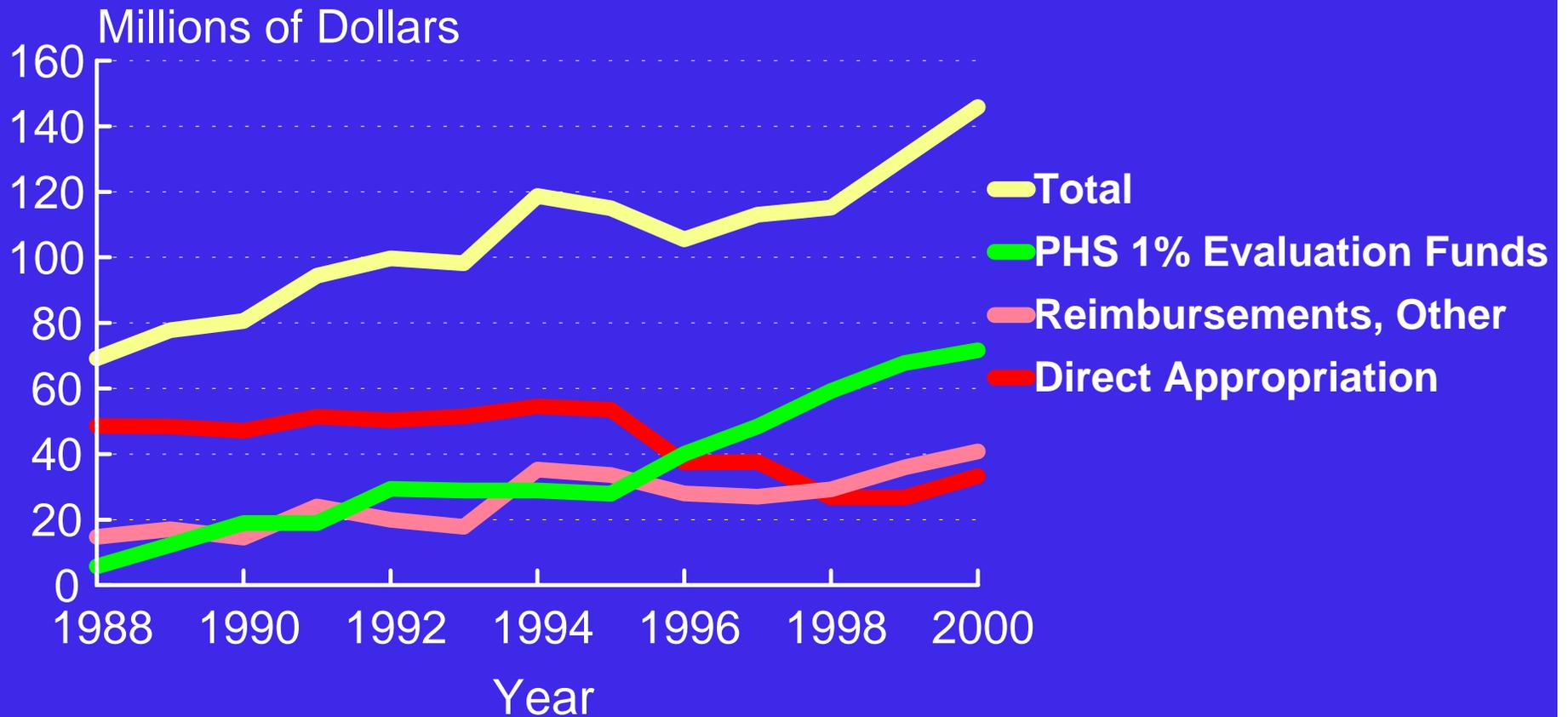
**National Center for Health Statistics
Updates and Issues**

**National Committee on
Vital and Health Statistics
November 2000**

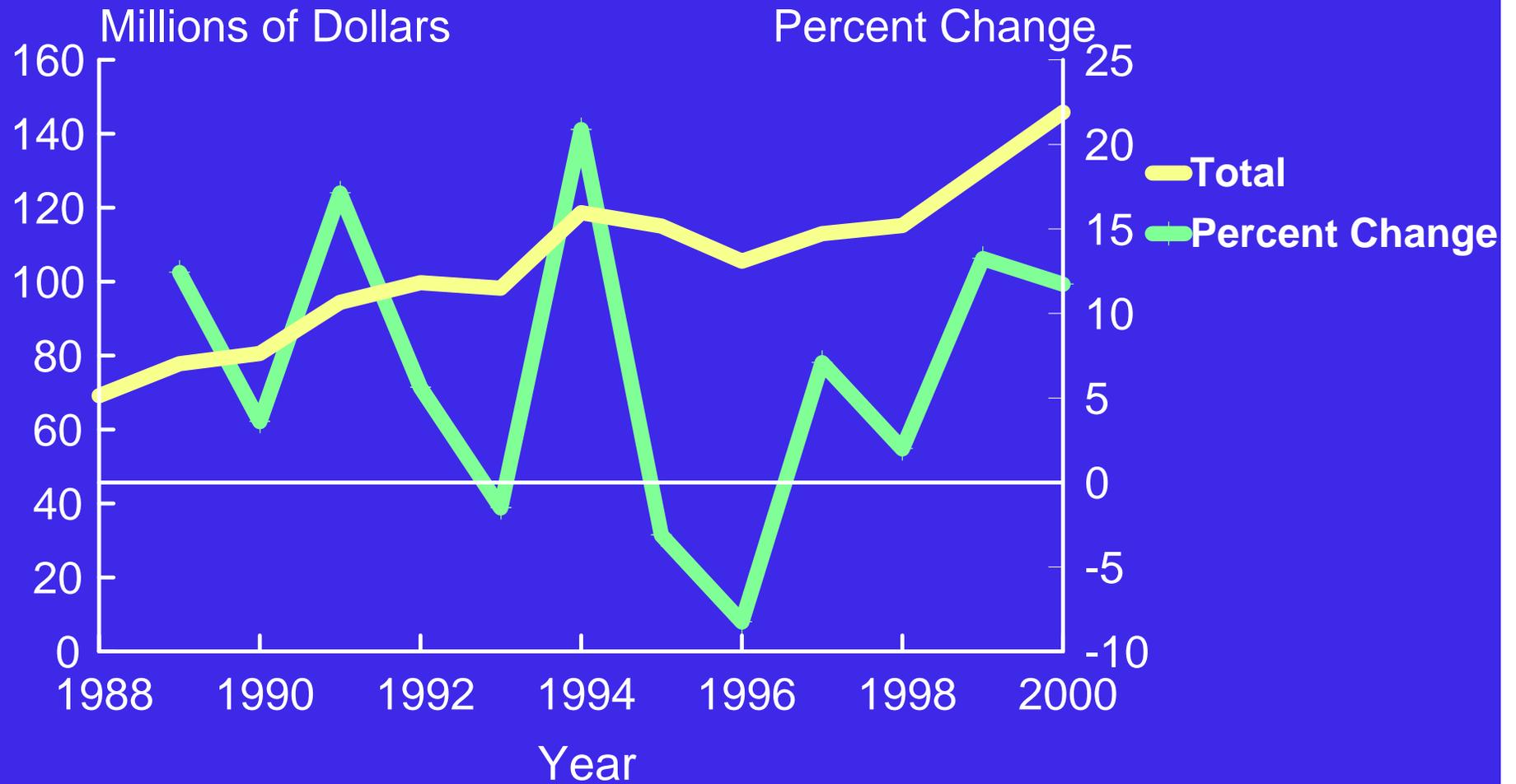
NCHS Programs

- Vital Statistics
- Health Status
- Health Care Statistics Surveys
- Other Surveys
- Research and Methodology
- Extramural Activities

NCHS Budget History



NCHS Budget History



Vital Statistics

- ICD 10 implementation
- New base for age-adjusted data
- Research on trends in unwed births
- Testing of new birth and death certificates

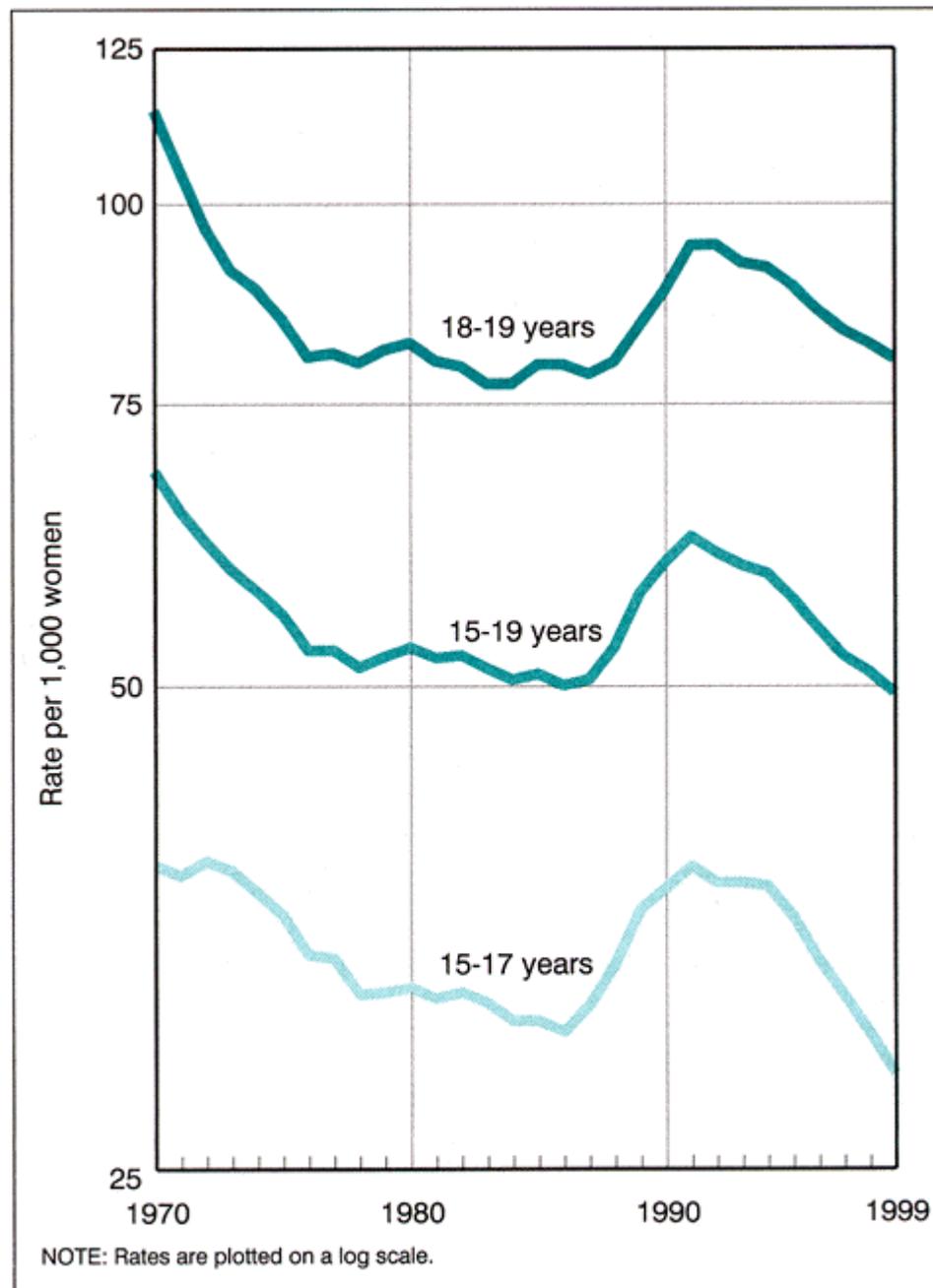


Figure 1. Birth rates for teenagers by age: United States, 1970-99

Vital Statistics

- **International activities**
- **Earlier release of preliminary and final data**
- **New multiple birth data (95-97)**
- **Studying multiple race data**
- **National Survey on Family Growth-2002**

Health Interview Survey/ Health Status Assessment

- **HIS and health assessment**
- **ECE/WHO Health Assessment Meeting in Ottawa**
- **HHS summary measures group**
- **SLAITS**

National Health Interview Survey

– *NHIS supplements*

- **1998 NHIS: Healthy People 2000 Objectives**
- **1999 NHIS: Chronic conditions, mental health, health care access and satisfaction**
- **2000 NHIS: Cancer control (sponsored by NCI & CDC)**

National Health Interview Survey

- **2001 NHIS: Healthy People 2010 Objectives (baselines)**
- **Children's mental health (NIMH)**
- **2002 NHIS: Healthy People 2010 Objectives (more baselines)**

National Health Interview Survey

- *Other plans for the NHIS*
 - Shift to Blaise software
 - NHIS will enhance its program of in-house data analysis
 - NIS will re-engineer its data processing systems

SLAITS

- **Completed study on the pediatric and home care experiences of children under age three.**
- **Nationwide survey to provide state level estimates of Children with Special Health Care Needs (HRSA Maternal and Child Health Bureau.)**
 - **Includes state level estimates of health care coverage for all children.**

National Health and Nutrition Examination Survey (NHANES)

- **Data release in record time**
- **NCHS/USDA activity to develop a single dietary assessment survey**
- **Logistics**
- **DP-HANES**

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Advance Data

From Vital and Health Statistics of the CENTERS FOR DISEASE CONTROL AND PREVENTION/National Center for Health Statistics

nchs

CDC Growth Charts: United States

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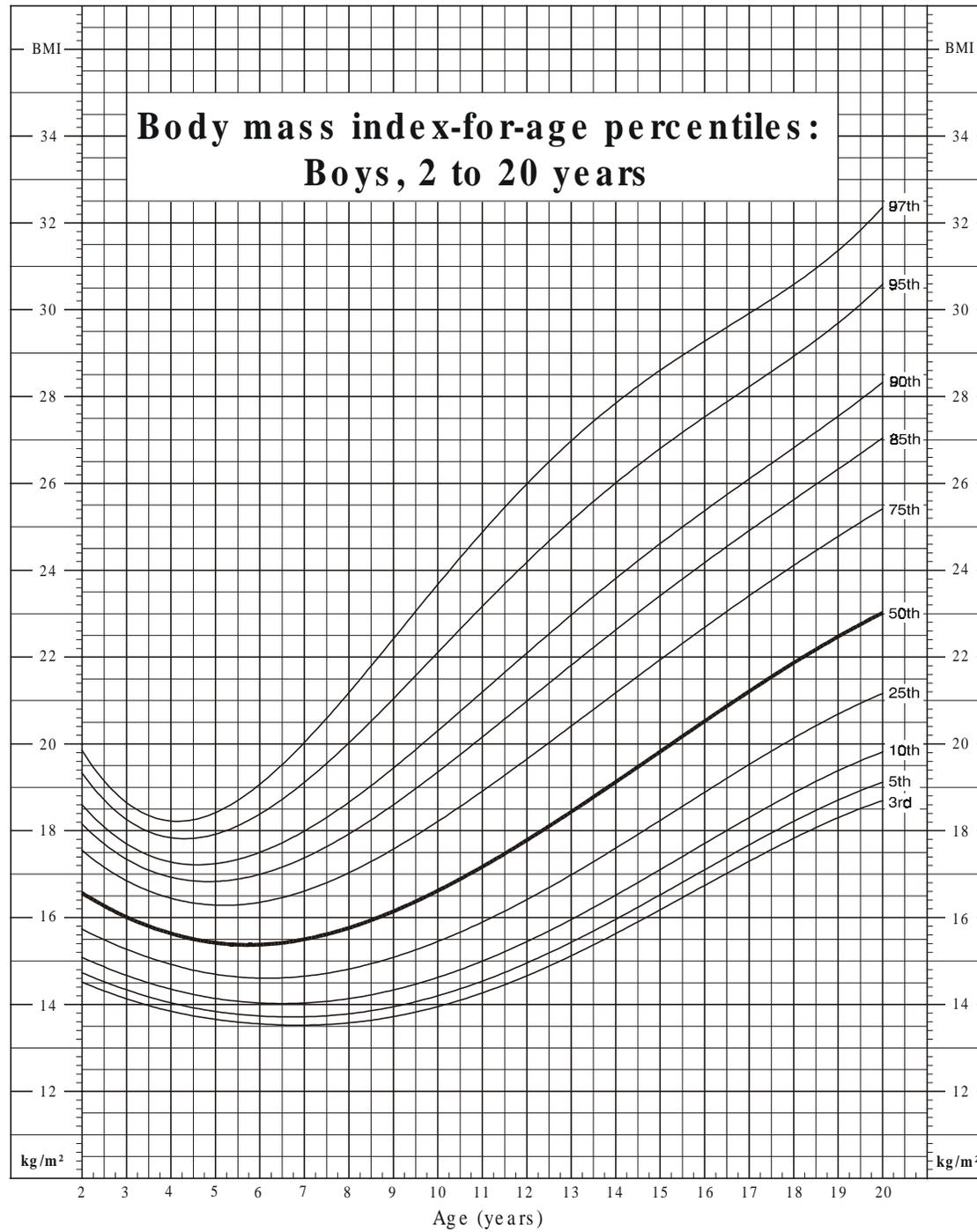
Abstract

Objectives—This report presents the revised growth charts for the United States. It summarizes the history of the 1977 National Center for Health Statistics (NCHS) growth charts, reasons for the revision, data sources and statistical procedures used, and major features of the revised charts.

Methods—Data from five national health examination surveys collected from 1964 and five supplementary data sources were combined to establish an overall data set. A variety of statistical procedures were used to fit the data to curves for infants (from birth to 36 months) and older children. The curves for infants were smoothed with a two-stage approach. Initial curve smoothing was done with various parametric and nonparametric methods. The final smoothing procedure was used to produce the final growth charts.

Introduction

Growth charts are widely used as clinical and research tool to assess nutritional status and the general health and well-being of infants, children and adolescents. Multi-purpose growth charts developed in the 1970's by NCHS have been used to evaluate and monitor growth of infants and children in the United States for more than 20 years. These growth charts were adopted by the World Health Organization (WHO) for world-wide use. In 1985 NCHS began a new series of growth charts to replace the 1977 NCHS charts presented here.



HIV and STD Estimates from NHANES '99

<i>STD</i>	<i>Age range</i>	<i>%</i>	<i>(95% CI)</i>
HIV	18-49	0.8	(0.3-2.0)
Trachomatis	14-39	2.6	(1.9-3.6)
Gonorrhea	14-39	0.3	(0.1-0.8)
HSV-2	14-49	19.3	(15.0-24.7)

National Health Care Survey

- Information on care utilization-- hospitals, emergency and outpatient departments, ambulatory surgery settings, office-based physician practices, nursing homes, and home health and hospice agencies.
- Reviewing content and practices to set short and long-term priorities.

National Health Care Survey

- **Two general approaches:**
 - **Filling gaps (ambulatory surgery, alternative medicine, increase range of care settings)**
 - **Capturing system dynamics (follow-back surveys to look at outcomes of care; characterizing providers and interrelationships.)**

National Health Care Survey

- **Developmental activities:**
 - **2001 NAMCS/NHAMCS tests of short vs. longer forms with expanded content**
 - **Episodes of illness working papers and expert meeting**
 - **NHDS adds type and source of admission data**

National Health Care Survey

- NHDS to add VA and DOD data and link through Data Center to AHA data files
- Meeting to focus on content of Hospice and other surveys

National Health Care Survey

- Re-examination of NNHS in light of changes in long-term care and intra-departmental PIDWIG recommendations
- Inventory on inventories to identify potentially improved sampling frames

Other Activities

- **Interagency Forum on Aging-related Statistics: *Older Americans 2000***
- ***America's Children: Key National Indicators of Well-being***
- ***Health, United States***
 - ***Adolescent Health (2000)***
 - ***Urban/rural Health (2001)***
- ***Tracking Healthy People 2010***

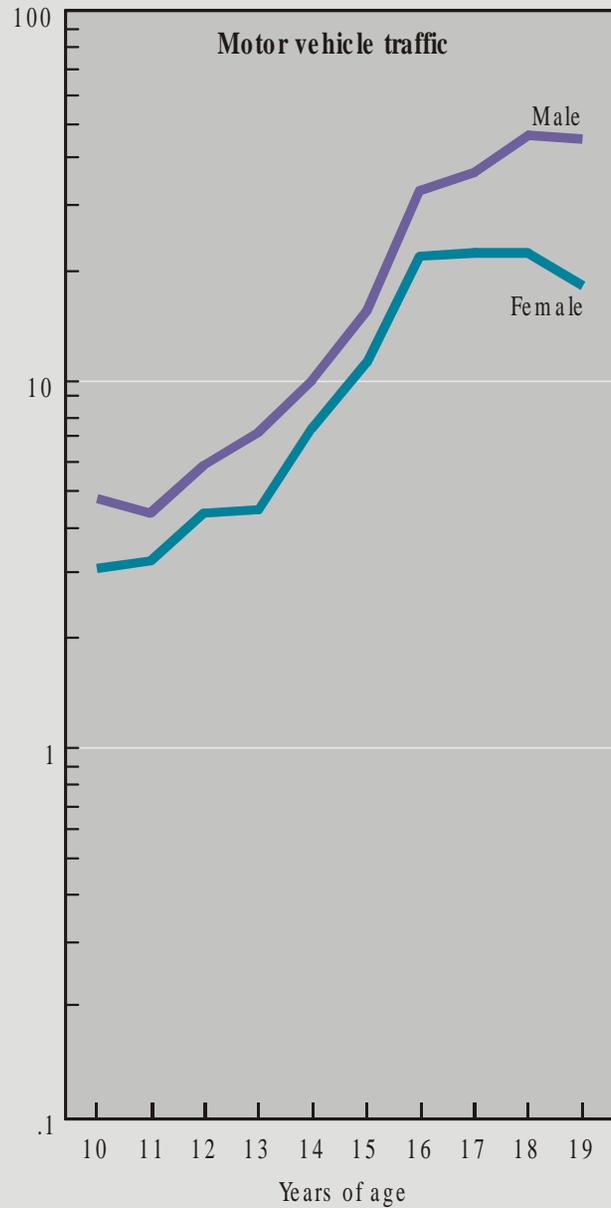
Health, United States, 2000

Adolescent Health Chartbook

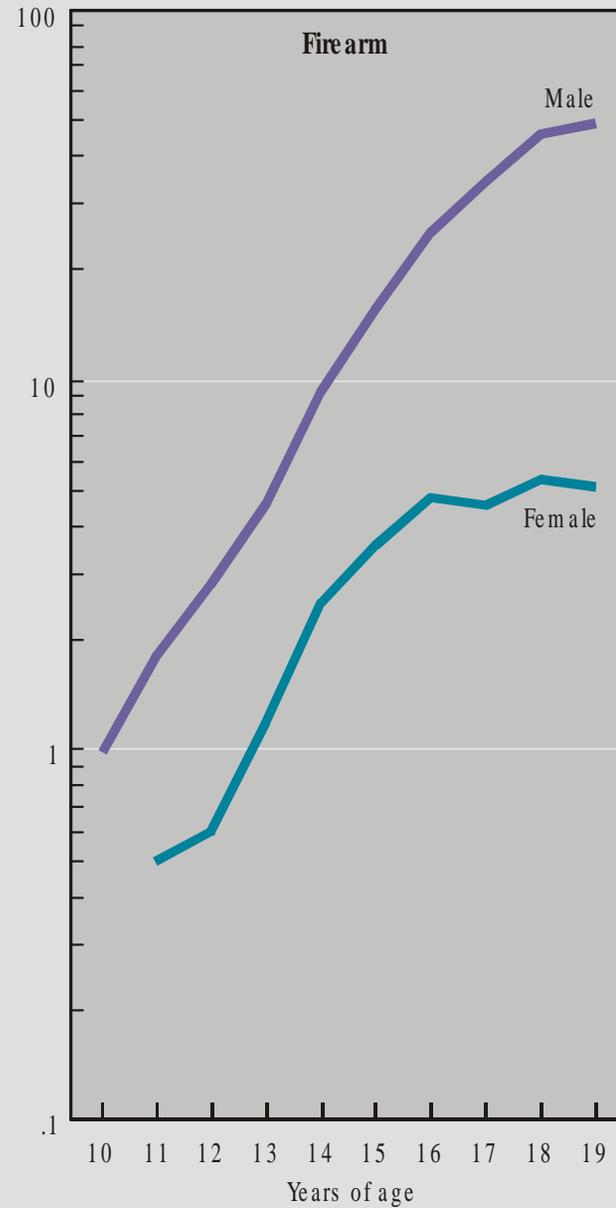


U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Centers for Disease Control and Prevention
National Center for Health Statistics

Deaths per 100,000 adolescents



Deaths per 100,000 adolescents



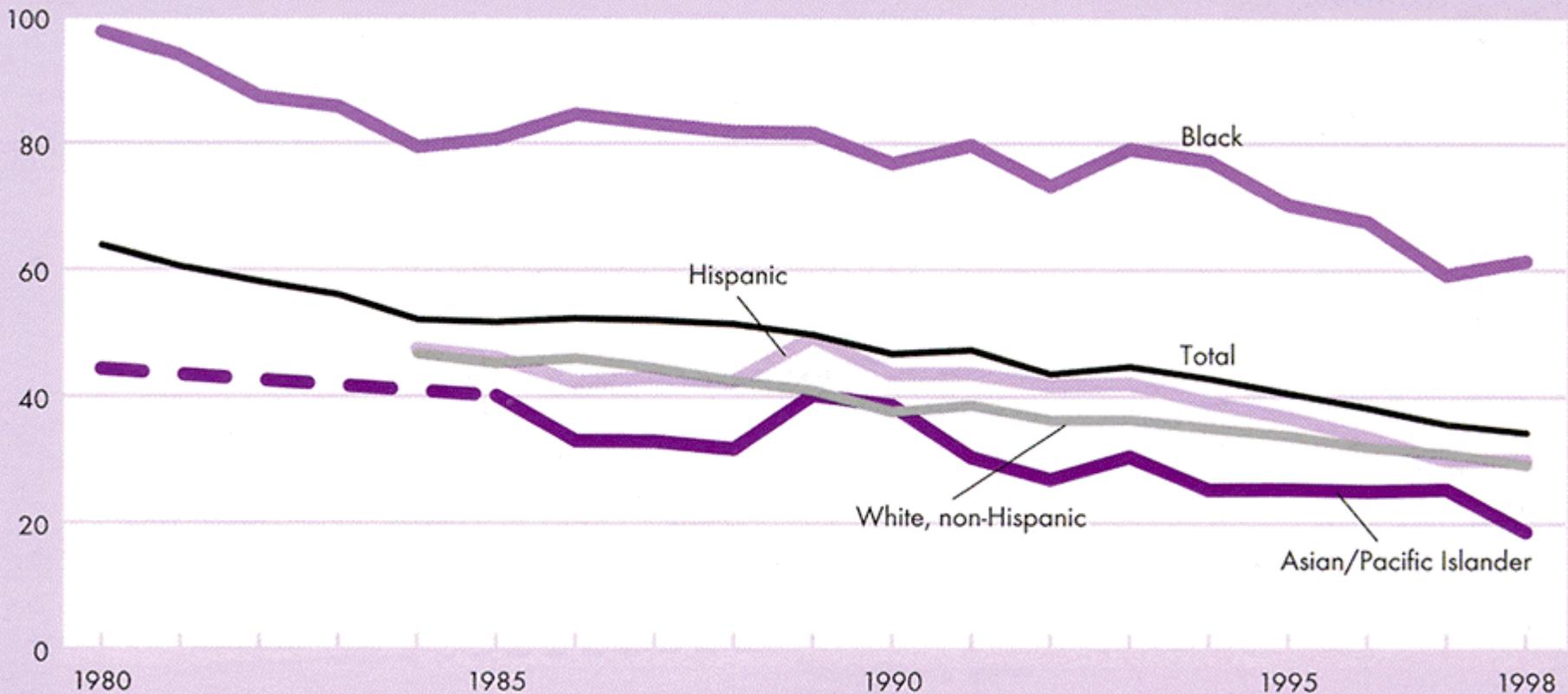
Motor Vehicle and Firearm Death Rates, Ages 10-19

Other Activities

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Indicator HEALTH6.A**Death rate among children ages 1 to 4 by race and Hispanic origin, 1980-98**

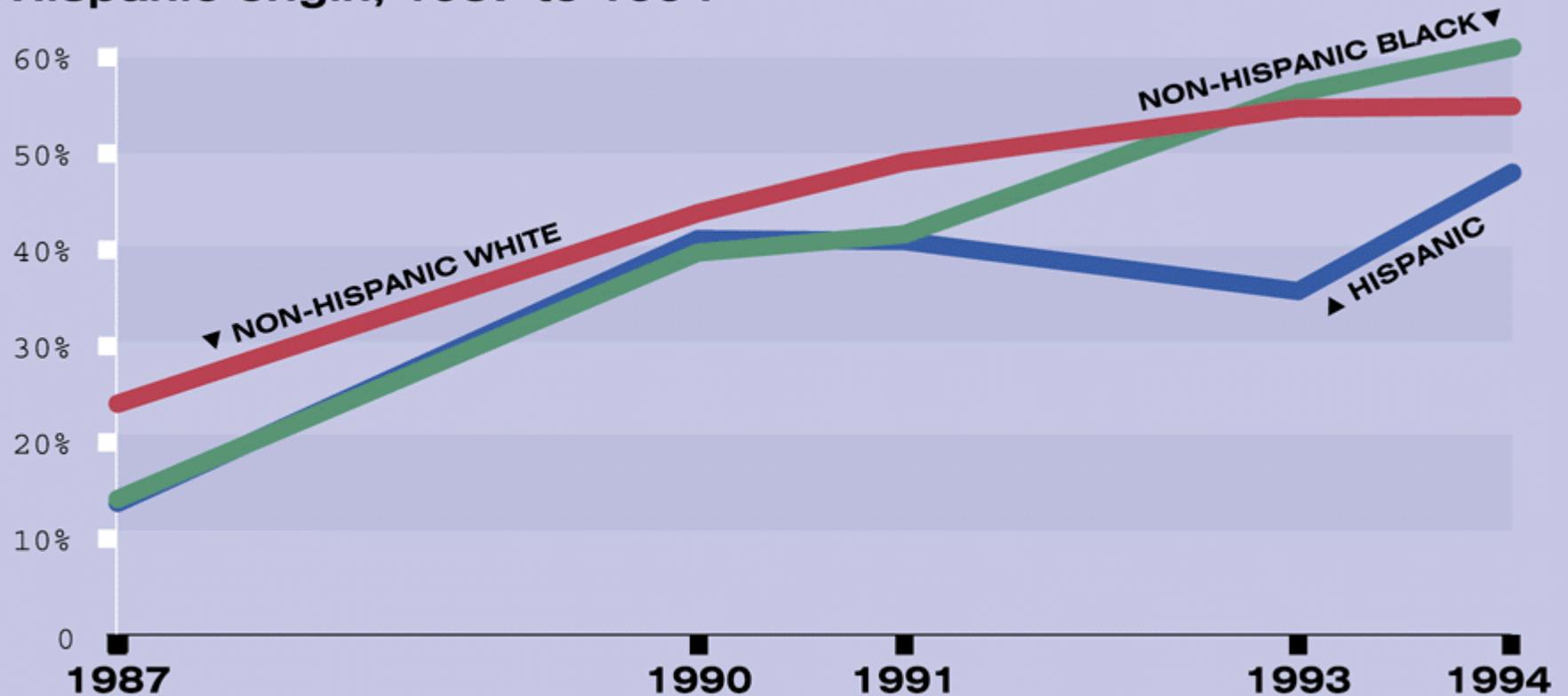
Deaths per 100,000 children ages 1-4



NOTE: Total includes American Indians/Alaska Natives. Mortality rates for American Indians/Alaska Natives are not shown separately because the numbers of deaths were too small for the calculation of reliable rates. 1998 data are preliminary.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System.

Percentage of women age 65 or older who reported having had a mammogram in the past two years, by race and Hispanic origin, 1987 to 1994



Note: Hispanics may be of any race.

Reference population: These data refer to the civilian noninstitutional population.

Source: National Health Interview Survey.

Other Activities

- **Research Data Center**
- **Dissemination and the Web**
- **Data User's Conference (August 2000)**
- **National Conference on Health Statistics July 22-25, 2001**
- **HIPAA**

Other Activities

- **Health Statistics Vision for the 21st Century**
- **Reorganization of Office of Data Standards, Program Development and Extramural Programs**
- **New Associate Director of Research and Methodology: Lawrence Cox, Ph.D.**
- **New Search: Director of NHANES**

Challenges

- Retirement/recruitment
- Research
- Evaluating the health care system
- Privacy/confidentiality
- Resources