Public Health Conference on Records and Statistics

Toward the year

2000

Refining the measures

Mayflower Hotel • Washington D.C.

July 19–21, 1993
Public Health Conference on Records and Statistics

Toward the year 2000
Refrining the measures

Mayflower Hotel • Washington D.C.
July 19–21, 1993
1993 PUBLIC HEALTH CONFERENCE ON
RECORDS AND STATISTICS PROGRAM
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National Center for Health Statistics

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National Center for Health Statistics

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Stephen L. Sloan
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PHCRS Staff and Exhibits and Publications Support Staff

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Conference headquarters, registration, conference mixer, exhibits, message board and lost and found, and conference proceedings

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Increasing Span of Healthy Life

Concurrent Session A

Years of Healthy Life

Concurrent Session B

Infant Mortality

Concurrent Session C

Children and Youth

Concurrent Session D

Mental Health Indicators—From Epidemiology to Service Delivery

Concurrent Session E

Family and Health

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Measuring the Health and Disability of Older Americans

All Conference Mixer

Second Plenary Session

Measuring Health Disparities
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45 Concurrent Session AA — Barriers to Care

46 Concurrent Session BB — CDC's Recommendations on Public Health Surveillance Systems

47 Program Session Organizers

49 Program Session Chairpersons

51 Program Session Speakers
FOR YOUR INFORMATION

About the Conference . . .

Since 1958 the National Center for Health Statistics (NCHS) has sponsored the Public Health Conference on Records and Statistics (PHCRS) as a biennial national meeting. This 24th PHCRS, with the theme "Toward the year 2000 — Refining the measures," provides a forum for Federal, State, and local government representatives as well as universities and professional associations to share their statistical knowledge and experience. This diverse gathering lends a rich variety of perspectives on current issues concerning health information in the United States. Technical and philosophical issues are brought to light during each conference session, and the published proceedings serve as a valuable reference in addressing current issues.

About the National Center for Health Statistics . . .

The NCHS is the Federal Government's principal health statistics agency. NCHS's data systems address the full spectrum of concerns in the health field from birth to death. This includes overall health status, lifestyle, exposure to unhealthy influences, the onset and diagnosis of illness and disability, and the use of health care. NCHS maintains over a dozen surveys that collect health information through personal interviews; physical examinations and laboratory testing; review of hospital, nursing home, and physician records; and other means. These data systems and the subsequent analyses and reports are designed to provide information useful to a variety of policymakers and researchers.

About the Topic . . .

Healthy People 2000 is a national initiative to improve the health of all Americans through prevention. It is driven by 300 specific national health promotion and disease prevention objectives targeted for achievement by the year 2000. Central to this process, and underlying all efforts to improve health and health care, is a reliance on data to identify problems, point to solutions, and measure progress. A public health initiative of the magnitude of Healthy People 2000 also requires initiatives of comparable scope and dimension to provide the data required. By the year 2000, the Nation seeks to increase the span of healthy life, reduce health disparities in the population, and provide access to preventive services for all Americans. Conceptual and methodological issues must be addressed to provide the statistical support to achieve those goals. The 24th PHCRS seeks to refine the measures as the Nation moves toward the year 2000.
FIRST FLOOR MEETING ROOMS

STATE ROOM

EAST ROOM

FOYER

ELEVATORS

SERVICE

PROMENADE

CAFÉ PROMENADE

RESTAURANT

GRAND BALLROOM

CHINESE ROOM
**TOWARD THE YEAR 2000**

**Monday, July 19**

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<tr>
<td>9:00 a.m.  to 10:00 a.m.</td>
<td>Opening Ceremony</td>
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</table>
| 10:30 a.m. to 12:00 p.m. | **First Plenary Session**
|             | Increasing Span of Healthy Life                                       |
| 12:00 p.m. to 1:30 p.m. | Lunch                                                                 |
| 1:30 p.m. to 3:00 p.m. | A. Years of Healthy Life B. Infant Mortality C. Children and Youth |
| 3:30 p.m. to 5:00 p.m. | E. Family and Health F. Nutrition G. Injuries and Violence            |
| 5:30 p.m. to 7:00 p.m. | All Conference Mixer                                                  |

**Tuesday,**

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<td>M. Numerator–Denominator Linkage</td>
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<td>Q. Socio–economic Indicators</td>
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**Conference Week at a Glance**
## -- REFINING THE MEASURES --

### July 20

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<th>J. Race-Ethnicity Classification</th>
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<th>U. Cost-Benefit Analyses</th>
<th>V. Comparable Methods and Data</th>
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<td>Lunch</td>
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<th>O. Issues in Confidentiality</th>
<th>P. Methodological Issues for National Minority Data</th>
<th>Y. Data Support for Medical Care Policy</th>
<th>Z. Prevention Effectiveness</th>
<th>AA. Barriers to Care</th>
<th>BB. CDC's Recommendations on Public Health Surveillance Systems</th>
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<td>S. Intercensal Population Estimates</td>
<td>T. Special Focus Surveys</td>
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## Demonstrations and Exhibits

throughout the 3-day conference
CONFERENCE SESSIONS
The Public Health Conference on Records and Statistics

Toward the Year 2000 — Refining the Measures

Monday, July 19

OPENING CEREMONY
9:00–10:00 a.m.

FIRST PLENARY SESSION
10:30 a.m.–12:00 p.m.
Increasing Span of Healthy Life
Lunch Break 12:00–1:30 p.m.

CONCURRENT AFTERNOON SESSIONS 1:30–3:00 p.m.
A Years of Healthy Life
B Infant Mortality
C Children and Youth
D Mental Health Indicators—From Epidemiology to Service Delivery

CONCURRENT AFTERNOON SESSIONS 3:30–5:00 p.m.
E Family and Health
F Nutrition
G Injuries and Violence
H Measuring the Health and Disability of Older Americans

ALL CONFERENCE MIXER 5:30–7:00 p.m.

Tuesday, July 20

SECOND PLENARY SESSION
9:00–10:00 a.m.
Measuring Health Disparities

CONCURRENT MORNING SESSIONS 10:30 a.m.–12:00 p.m.
I What’s News in Health Statistics?
J Race-Ethnicity Classification
K People with Disabilities
L Health Statistics from Record Systems
Lunch Break 12:00–1:30 p.m.

CONCURRENT AFTERNOON SESSIONS 1:30–3:00 p.m.
M Numerator-Denominator Linkage
N International Comparisons
O Issues in Confidentiality
P Methodological Issues for National Minority Data
CONCURRENT AFTERNOON SESSIONS 3:30–5:00 p.m.

Q Socioeconomic Indicators
R Minority Health Research
S Intercensal Population Estimates
T Special Focus Surveys

Wednesday, July 21

THIRD PLENARY SESSION
9:00–10:00 a.m.
Assessing Preventive and Primary Health Services

CONCURRENT MORNING SESSIONS 10:30 a.m.–12:00 p.m.

U Cost-Benefit Analyses
V Comparable Methods and Data
W Medical Effectiveness Outcomes Research
X Health Data for Program Management

Lunch Break 12:00–1:30 p.m.

CONCURRENT AFTERNOON SESSIONS 1:30–3:00 p.m.

Y Data Support for Medical Care Policy
Z Prevention Effectiveness
AA Barriers to Care
BB CDC’s Recommendations on Public Health Surveillance Systems

Registration—The registration desk located in the promenade will be open the following hours:

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<td>Sunday, July 18</td>
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<tr>
<td>Monday, July 19</td>
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<tr>
<td>Wednesday, July 21</td>
<td>8:00 a.m. to 3:00 p.m.</td>
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Conference Mixer—All conference participants are invited to the mixer on Monday from 5:30 to 7:30 p.m in the Colonial Room. Don’t miss this occasion to greet distinguished guests, meet new acquaintances, and rejoin old friends.

Exhibits—Conference exhibits can be viewed on Monday and Tuesday from 9:00 a.m. to 5:00 p.m., and on Wednesday from 9:00 a.m. to 12:00 p.m. in the Cabinet room.

Message Board and Lost and Found—A bulletin board near the PHCRS registration desk will be used to notify conference participants of messages. This message center will also serve as the conference lost and found.

Conference Proceedings—All who register will receive automatically, without charge, a copy of the conference proceedings pending publication. (Anticipated timeframe of 6 months for final publication.)
FIRST PLENARY SESSION
9:00 a.m.–12:00 p.m.

OPENING CEREMONY

9:00 a.m. Welcome and Introductions
Manning Feinleib, M.D., Dr.P.H.
Director
National Center for Health Statistics
Greetings and Opening Remarks
Walter R. Dowdle, Ph.D.
Deputy Director
Centers for Disease Control and Prevention

INCREASING SPAN OF HEALTHY LIFE

The means for producing longer, quality lives for all Americans is a challenge for medical care, health promotion, and statistical measurement.

Chairperson: J. Michael McGinnis, M.D.
Deputy Assistant Secretary for Health
Office of Disease Prevention and Health Promotion

10:50 a.m. Valuing Lives, Valuing Health
Donald L. Patrick, Ph.D., M.S.P.H.
Professor and Director, Social and Behavioral Sciences
Department of Health Services
University of Washington

11:20 a.m. Tough Decisions: Tradeoffs Involving Years of Healthy Life
Jane E. Sisk, Ph.D.
Professor
Division of Health Policy and Management
Columbia University School of Public Health

Session Organizer: Peter L. Hurley
CONCURRENT SESSION A  
1:30–3:00 p.m.

YEARS OF HEALTHY LIFE

Progress towards the Healthy People 2000 goal to increase the span of healthy life for Americans can be tracked by measuring years of healthy life. This session will address research on and applications of measures of years of healthy life.

Chairperson: Jacob J. Feldman, Ph.D.  
Associate Director  
Office of Analysis and Epidemiology  
National Center for Health Statistics

1:35 p.m.  
Calculating Years of Healthy Life for Healthy People 2000  
Pennifer Erickson*  
Chief, Clearinghouse on Health Indexes  
Division of Epidemiology and Health Promotion  
National Center for Health Statistics

2:00 p.m.  
The Calculation of Health-Adjusted Life Expectancy in Canada Using a Multi-Attribute Utility Function  
Roger Roberge, M.A.*  
Analyst, Health Analysis and Modeling Group  
Statistics Canada

2:25 p.m.  
Accounting for Deaths When Measuring Health Status Over Time  
Paula Diehr, Ph.D.*  
Professor of Biostatistics and Health Services  
Department of Biostatistics  
University of Washington

2:50 p.m.  
Discussion

Session Organizer: Pennifer Erickson

*Speaker of coauthored paper.
INFANT MORTALITY

Innovative approaches to epidemiological analysis of perinatal and infant mortality, measurement of gestational age and prenatal care, and classification of cause of death and time of death will be discussed.

Chairperson: John L. Kiely, Ph.D.
Visiting Scientist
Division of Analysis
Office of Analysis and Epidemiology
National Center for Health Statistics

1:30 p.m. Underlying Causes of Fetal Death: Effect of an Additional Panel of Check Boxes on the Wisconsin 1989 Revised Fetal Death Report Form
Russell S. Kirby, Ph.D., M.S.*
Assistant Professor
Department of Pediatrics
University of Arkansas for Medical Sciences

1:45 p.m. Measuring the Link Between Improved Maternal Referral and Improved Neonatal Mortality
Sherry Allison-Cooke, M.A.
Senior Research Associate
National Perinatal Information Center

2:00 p.m. A Methodological Approach to Improving Pregnancy Outcomes in African-American Women
Cecile H. Edwards, Ph.D.*
Graduate Professor
College of Allied Health Sciences
Department of Nutritional Sciences
Howard University

2:15 p.m. Intermediate Variables as Determinants of Adverse Pregnancy Outcome in High-Risk Inner City Populations
Ravi K. Sharma, Ph.D.*
Assistant Professor
Department of Health Services Administration
University of Pittsburgh

*Speaker of coauthored paper.
Monday, July 19

CONCURRENT SESSION B
1:30–3:00 p.m.

2:30 p.m. Discussant:
Michelle A. Williams, Sc.D.
Assistant Professor of Epidemiology
School of Public Health and Community Medicine
University of Washington

Session Organizer: John L. Kiely, Ph.D.
CONCURRENT SESSION C
1:30–3:00 p.m.

CHILDREN AND YOUTH

This session will address the measurement of factors related to the health of children and youth (ages 1 to 24), with a special focus on health behaviors impacting immediate health status as well as future health, for example, years of healthy life.

Chairperson: James G. Ross, M.S.
Vice President
Macro International, Inc.

1:35 p.m. The "Bright Smiles, Bright Futures" Curriculum Evaluation: Designing Health Education Evaluations Which Address the Methodological Challenges of Collecting Data From Young Children
Robert S. Gold, Ph.D. *
Senior Science Advisor
Macro International, Inc.

1:55 p.m. Implications of the Interaction Effect of Maternal Education and Access to Medical Care on Analysis of Injury Risk According to Patterns of Child Care
Mary D. Overpeck, Dr.P.H. *
Epidemiologist, Epidemiology Branch
National Institute of Child Health

2:15 p.m. Drug and Alcohol Findings: New York State Students in Fifth and Sixth Grades
Blanche Frank, Ph.D. *
Chief, Bureau of Applied Studies
New York State Office of Alcoholism and Substance Abuse Services

2:35 p.m. Homeless' Street Youth: Strategies and Obstacles to Gathering Representative, Reliable, and Valid Data
Therese Van Houten, D.S.W.
Evaluation Director
Macro International, Inc.

2:55 p.m. Discussion

Session Organizer: Laura Kann, Ph.D.

*Speaker of coauthored paper.
MENTAL HEALTH INDICATORS—FROM EPIDEMIOLOGY TO SERVICE DELIVERY

Mental health epidemiological and service use data will be explored as well as new evolving conceptualization for how such data might be collected.

Chairperson: Ronald W. Manderscheid, Ph.D.
Acting Director
Division of State and Community Systems Development
Center for Mental Health Services
Substance Abuse and Mental Health Services Administration

1:30 p.m. The Social Costs of Anxiety Disorders
Andrew C. Leon, Ph.D.*
Assistant Professor of Biostatistics in Psychiatry
Department of Psychiatry
Cornell University Medical College

2:00 p.m. Reflections on Appropriate Mental Health Questions for the Health Interview Survey
James S. Larson, Ph.D.
Professor
Institute of Government
University of Arkansas

2:30 p.m. Specialty Mental Health Service Utilization in the United States
Marilyn J. Henderson, M.P.A.
Assistant Chief
Survey and Analysis Branch
Center for Mental Health Services
Substance Abuse and Mental Health Services Administration

Session Organizer: Ronald W. Manderscheid, Ph.D.

*Speaker of coauthored paper.
CONCURRENT SESSION E
3:30–5:00 p.m.

FAMILY AND HEALTH

The reciprocal effects of family configuration and functioning on individuals’ health related habits and health outcomes will be examined.

Chairperson: Felicia LeClere, Ph.D.
Division of Health Interview Statistics
National Center for Health Statistics

3:35 p.m. Parental Factors Influencing Patterns of Prenatal Care Utilization
Peter D’Ascoli, M.D., M.P.H.*
Faculty Member
School of Public Health
University of Minnesota

3:55 p.m. Family and Cultural Factors in Mental and Physical Comorbidity in Children
Jacqueline L. Angel, Ph.D.*
Lecturer
Sociology Department
University of Texas at Austin

4:15 p.m. Family Strength and Youth Behavior Outcomes
Barbara Sugland, Sc.D., M.P.H.*
Research Associate
Child Trends, Inc.

4:35 p.m. Discussants:
Martha Riche, Ph.D.
Director of Policy Studies
Population Reference Bureau
Washington, D.C.

Karen Smith Thiel, Ph.D.
Director, Healthy Start Evaluation
Health Resources and Services Administration

Session Organizer: Felicia LeClere, Ph.D.

*Speaker of coauthored paper.
CONCURRENT SESSION F
3:30–5:00 p.m.

NUTRITION

Development and standardization of nutritional status indicators, including diet, anthropometry, and nutrition-related health measures such as blood cholesterol, blood pressure, and nutritional biochemistries, are critical to assessing the nutritional status of population groups and the impact of dietary and health practices on the risk of nutrition-related chronic diseases.

Chairperson: Ronette R. Briefel, Dr.P.H., R.D.
Coordinator for Nutrition Monitoring and Related Research
Division of Health Examination Statistics
National Center for Health Statistics

3:30 p.m. Assessing Fruit and Vegetable Intakes: Toward the Year 2000
Susan Krebs-Smith, Ph.D.*
Nutritionist
Applied Research Branch
National Cancer Institute

3:50 p.m. Schools—Where We Are in Meeting the Year 2000 Nutrition Goals
Patricia McKinney, M.S., R.D.*
Program Analyst
Office of Analysis and Evaluation
Food and Nutrition Service
Department of Agriculture

4:10 p.m. Monitoring Progress Toward Meeting Year 2000 Objectives:
NHANES III, 1988–91
Clifford Johnson, M.S.P.H.
Special Assistant for Analysis
Division of Health Examination Survey
National Center for Health Statistics

4:30 p.m. Monitoring the Nation’s Health: The 1991 Health Survey for England—Results and Methodology
Amanda White, B.A.
Principal Social Survey Officer
Office of Population Censuses and Surveys
Social Survey Division
St. Catherine’s House

*Speaker of coauthored paper.
Monday, July 19

CONCURRENT SESSION F
3:30–5:00 p.m.

4:50 p.m.  Discussion

Session Organizer:  Ronette R. Briefel, Dr.P.H., R.D.
INJURIES AND VIOLENCE

Methodological and substantive issues will be examined as they relate to the impact of intentional and unintentional injuries on healthy life.

Chairperson: Lois A. Fingerhut, M.A.
Special Assistant for Injury Epidemiology
Office of Analysis and Epidemiology
National Center for Health Statistics

3:30 p.m.  Reporting External Cause of Injury and Poisoning Codes in Medicare Hospital Discharge Data
Harry L. Savitt, Ph.D.*
Deputy Director, Division of Beneficiary Studies
Office of Research and Demonstrations
Health Care Financing Administration

3:45 p.m.  Emergency Department Weapon-Related Injury Surveillance
Victoria Vespe Ozonoff, Ph.D.*
Director, Health Resources Statistics
Bureau of Health Statistics, Research and Evaluation
Massachusetts Department of Public Health

4:00 p.m.  Surveillance for Nonfatal Firearm Injuries
Roberta K. Lee, R.N., Dr.P.H.*
Professor, Community Health and Gerontology
University of Texas School of Nursing

4:15 p.m.  Surveillance of Central Nervous System Injuries
David Thurman, M.D., M.P.H.*
Medical Epidemiologist, Program Development and Implementation Branch
National Center for Injury Prevention and Control
Centers for Disease Control and Prevention

Session Organizer: Lois A. Fingerhut, M.A.

*Speaker of coauthored paper.
MEASURING THE HEALTH AND DISABILITY OF OLDER AMERICANS

What are the appropriate measures to study the concepts of healthy life and of postponed disability for older Americans?

Chairperson: Joan F. Van Nostrand, M.P.A.
Coordinator of Data on Aging
Office of Vital and Health Statistics Systems
National Center for Health Statistics

3:35 p.m. Health Expectancy: The Canadian Experience
Russell Wilkins, M.Urb.
Senior Analyst
Canadian Centre for Health Information
Statistics Canada

3:50 p.m. Compression of Disability? Results from the National LTC Survey
Larry Corder, Ph.D.*
Associate Research Professor
Center for Demographic Studies
Duke University

4:05 p.m. Compression of Disability? Results from the Established Population for Epidemiologic Studies of the Elderly
Marcel Edward Salive, M.D., M.P.H.*
Epidemiologist, Epidemiology, Demography, and Biometry Program
National Institute on Aging
National Institutes of Health

4:20 p.m. Discussant:
William Scanlon, Ph.D.
Codirector, Center for Health Policy Studies
Georgetown University

*Speaker of coauthored paper.
CONCURRENT SESSION H
3:30–5:00 p.m.

<table>
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| 4:30 p.m. | Discussant: Lois M. Verbrugge, Ph.D.  
Distinguished Research Scientist  
Institute of Gerontology  
University of Michigan |
| 4:45 p.m. | Discussion |
| Session Organizer: | Joan F. Van Nostrand, M.P.A. |
Monday, July 19

all participants and guests are invited
to the

ALL CONFERENCE MIXER

to be held in the

Colonial Room

5:30-7:00 p.m.
MEASURING HEALTH DISPARITIES

What are the conceptual, technical, and methodological issues related to the availability and usefulness of information on health disparities among socioeconomic, demographic, and geographic groups?

Chairperson: Ronald W. Wilson
Director, Division of Epidemiology and Health Promotion
National Center for Health Statistics

9:00 a.m. Using Data on Health Disparities in the Formulation of Public Health Policy
Mohammad N. Akhter, M.D., M.P.H.
Commissioner of Health
D.C. Department of Health and Human Services

9:30 a.m. Closing Gaps in Health and Health Care: Improved Data for a New Health System
David Mechanic, Ph.D.
Institute for Health, Health Care Policy, and Aging Research
Rutgers University

Session Organizer: Ronald W. Wilson
CONCURRENT SESSION I
10:30 a.m.–12:00 p.m.

WHAT'S NEWS IN HEALTH STATISTICS?

A panel of media representatives will provide advice on what makes news, how the media covers vital and health statistics, and how data producers and researchers can work with reporters to improve the understanding and use of data.

Chairperson: Sandra S. Smith, M.P.H.
Public Affairs Officer
Office of Data Processing and Services
National Center for Health Statistics

Panelists:
Victor Cohn
Senior Writer and Columnist
Health Section, The Washington Post and
Author, News and Numbers

Alan L. Otten
Columnist
Wall Street Journal

Rhonda Roland
Senior Producer
Cable Network News

Session Organizer: Sandra S. Smith, M.P.H.
RACE-ETHNICITY CLASSIFICATION

Methodological issues related to the classification of race and ethnicity will be discussed.

Chairperson: Roderick Harrison  
Chief, Racial Statistics Branch  
Population Division  
U.S. Bureau of the Census

10:30 a.m.  
*American Indian Infant Mortality Review in Wisconsin: Problems and Progress*  
Raymond D. Nashold, Ph.D.  
Director and State Registrar  
Wisconsin Center for Health Statistics

10:50 a.m.  
Infant Mortality, Birthweight, and Race-Ethnicity: 10 Years of Linked Births and Infant Deaths in New Mexico  
Corazon M. Halasan, Ph.D.*  
Epidemiologist, Office of Vital Records and Health Statistics  
Public Health Division  
New Mexico Department of Health

11:10 a.m.  
Racial Disparities in Birth Outcomes: Race, Ethnicity, or Nativity?  
T. Joseph Sheehan, Ph.D.*  
Professor, Division of Epidemiology and Biostatistics  
Department of Community Medicine  
University of Connecticut School of Medicine

11:30 a.m.  
Underestimation of Racial Minorities in U.S. Army Records  
Claire C. Gordon, Ph.D.*  
Senior Anthropologist and Chief, Behavioral Sciences Division  
U.S. Army Aviation and Troop Command  
Natick Research, Development, and Engineering Center

11:50 a.m.  
Discussion

Session Organizer: Harry M. Rosenberg, Ph.D.

*Speaker of coauthored paper.
The passage of the Americans with Disabilities Act has served to underscore the need for data on the impact of disabilities on all aspects of life.

Chairperson: Andrew Batavia, J.D.
Executive Director
National Council on Disability

10:30 a.m. Contribution of Developmental Disabilities to Childhood Mortality in the United States: A Multiple Cause-of-Death Analysis
Coleen A. Boyle, Ph.D.*
Chief, Surveillance and Epidemiology Section
Developmental Disabilities Branch
Division of Birth Defects and Developmental Disabilities
Centers for Disease Control and Prevention

10:45 a.m. Definitions of Disability and Their Measurement and Operationalization in Survey Data
Barbara M. Altman, Ph.D.
Research Fellow
Agency for Health Care Policy and Research

11:00 a.m. Applications of the CHART: Craig Handicap Assessment and Reporting Technique
Gale G. Whiteneck, Ph.D.
Director of Research
Craig Hospital

11:15 a.m. Applications of the International Classification of Impairments, Disabilities, and Handicaps: From Concepts to Taxonomy to Data Analysis
Scott Campbell Brown, Ph.D.
Education Research Specialist
Office of Special Education Program
Division of Innovation and Development
National Institute for Disability and Rehabilitation Research
Department of Education

*Speaker of coauthored paper.
CONCURRENT SESSION K
10:30 a.m.—12:00 p.m.

11:30 a.m. Discussant:
Mary Chamie, Ph.D., M.P.H.
Statistician, Demographic and Social Statistics Branch
Statistical Office
Department of International Economic and Social Affairs
United Nations

Session Organizer: Marcie Cynamon, M.A.
HEALTH STATISTICS FROM RECORD SYSTEMS

Analytical, methodological, and conceptual issues pertaining to the use of health statistics derived from record-based data systems will be discussed.

Chairperson: Dorothy S. Harshbarger, M.S.
State Registrar and Director
Alabama Center for Health Statistics
Alabama Department of Public Health

10:30 a.m. Monitoring Access to Prenatal Care Using Birth Records With Information on Insurance
Trude Bennett, M.S.W., Dr.P.H.*
Assistant Professor
School of Public Health
University of North Carolina at Chapel Hill

10:50 a.m. County-Wide Small Area Analyses: Estimation of Denominators for Users of a County Health Care Agency and Their Application in Health Status Measures
Arthur J. Davidson, M.D., M.S.P.H.*
Director
Data Management
Denver Public Health Department

11:10 a.m. Measuring Work-Related Health Disparities for Minority Populations
Carol A. Burnett, M.S.*
Epidemiologist
Surveillance Branch
National Institute for Occupational Safety and Health

11:30 a.m. Methodological Issues in Improving the Quality of Mortality Statistics
Jared B. Jobe, Ph.D.*
Psychologist
Office of Research and Methodology
National Center for Health Statistics

Session Organizer: James A. Weed, Ph.D.

*Speaker of coauthored paper.
NUMERATOR-DENOMINATOR LINKAGE

Issues related to the use of numerator and denominator data, such as vital statistics data, derived from two different sources will be discussed during this session.

Chairperson: Lester R. Curtin, Ph.D.
Chief, Statistical Methods Staff
Office of Research and Methodology
National Center for Health Statistics

1:35 p.m. The Relationship Between Maternal HIV Seroprevalence and the Hospitalization of HIV Infected Newborns in Their First Year of Life
Vito M. Logrillo, M.P.H.*
Director, Office of Information Resources Management
AIDS Institute
New York State Department of Health

1:55 p.m. Surgical Procedure Rates with Numerators from Hospital Data and Denominators from Several Different “At Risk” Populations
Jane F. Gentleman, Ph.D.*
Chief, Health Status Section
Canadian Centre for Health Information
Statistics Canada

2:15 p.m. Generalized Linear Models and Simultaneous Surveys
Wilfred Rosenbaum, M.Math.*
Senior Research Officer
Department of Computing Science
Computational Epidemiology Laboratory
Simon Fraser University

2:35 p.m. The Benefits of Probabilistically Linked Electronic Patient Records for Highway Safety
William H. Walsh, Jr.
Director
National Center for Statistics and Analysis
National Highway Traffic Safety Administration

Session Organizer: Lester R. Curtin, Ph.D.

*Speaker of coauthored paper.
CONCURRENT SESSION N
1:30–3:00 p.m.

INTERNATIONAL COMPARISONS

Understanding methodological and substantive issues related to measuring and describing international health disparities is essential to the appropriate comparison of United States data with that of other countries.

Chairperson: Robert A. Israel
Associate Director for International Statistics
National Center for Health Statistics

1:35 p.m. Trends in Mortality in East and West Germany During the 3 Decades Before Unification
Karl E. Bergmann, M.D.*
Head, Division of Public Health and Statistics
Federal Health Office
Germany

1:55 p.m. Mortality in the United States and France: Evidence from the WHO Mortality Data Base
Alvan O. Zarate, Ph.D.*
Special Assistant to the Director
Office of the Center Director
National Center for Health Statistics

2:15 p.m. The International Rank of the United States in Infant Mortality: Are We Really 24th?
Robert B. Hartford, Ph.D.
Deputy Director, Office of International Statistics
National Center for Health Statistics

2:35 p.m. Health Expectancy of the Elderly in Xichang, China and Canada: Comparisons Based on Measures of Autonomy in Various Activities of Daily Living
Edward Ng, Ph.D.*
Analyst, Occupational and Environmental Health Research Section
Canadian Centre for Health Information
Statistics Canada

2:50 p.m. Discussion

Session Organizer: Robert A. Israel

*Speaker of coauthored paper.
ISSUES IN CONFIDENTIALITY

Confidentiality issues and the risk of individual identification of subjects will be explored for data pertaining to demographic and geographic population subgroups.

Chairperson: Mary Moien, M.S.
Assistant to the Director
Office of the Center Director
National Center for Health Statistics

1:35 p.m. Privacy Policy in an Electronic World
Joan Turek-Brezina, Ph.D.
Director
Division of Technical and Computer Support
Office of the Assistant Secretary for Planning and Evaluation
Department of Health and Human Services

1:55 p.m. Toward Compiling Better Health Indicators through Data Linkage
Brian Gallagher, M.S.*
Program Research Specialist
Perinatal Health Unit
New York State Department of Health

2:15 p.m. The Unique Record Number (URN): An Alternative to Traditional Person Identifiers
Andrew Asher, M.P.P.*
Research Analyst
Mathematica Policy Research, Inc.

2:35 p.m. California's Experience: SSN and Confidentiality
Ele Meux, Ph.D.
Section Chief
Patient Discharge Data Section
California Office of State-Wide Health Planning and Development

Session Organizer: Mary Moien, M.S.

*Speaker of coauthored paper.
METHODOLOGICAL ISSUES FOR NATIONAL MINORITY DATA

The limitations to developing detailed estimates of health characteristics for minority populations based on large national surveys will be discussed and possible solutions will be explored.

Chairperson: Signe Wetrogan
Statistician
Population Division
U.S. Bureau of the Census

1:40 p.m.  Design of the National Health Interview Survey, 1995–2004
James T. Massey, Ph.D.
Chief, Survey Design
Office of Research and Methodology
National Center for Health Statistics

2:00 p.m.  Estimation and Analytic Methods for Minority Statistics Based on Multiple-Source Survey Data
Lester R. Curtin, Ph.D.*
Chief, Statistical Methods
Office of Research and Methodology
National Center for Health Statistics

2:20 p.m.  Use of the Behavioral Risk Factor Surveillance System to Monitor Risk Factors in Minority Populations
Emma L. Frazier, Ph.D.*
Chief, Data Management Section
Office of Surveillance and Analysis
Centers for Disease Control and Prevention

2:40 p.m.  Obtaining Data for Asian Pacific Americans from National Surveys
Larry H. Shinagawa, Ph.D.
Senior Research Associate
Asian American Health Forum
San Francisco

Session Organizer: Patricia M. Golden, B.A., M.P.H.

*Speaker of coauthored paper.
SOCIOECONOMIC INDICATORS

Methodological issues involved in studying time trends in socioeconomic differentials in health will be addressed.

Chairperson: Lisa Miller Schalick
Office of Planning and Extramural Programs
National Center for Health Statistics

3:30 p.m. Measuring Socioeconomic Inequality in Health: An Update on Methodological Issues
Elsie Pamuk*
Division of Nutrition
Centers for Disease Control and Prevention

4:00 p.m. Unemployment and Fertility: A Transfer Function Analysis With Additional Interventions
Andreas Muller, Ph.D.
Associate Professor
Department of Health Services Administration
University of Arkansas at Little Rock

4:30 p.m. A Comparison of Socioeconomic Status Indicators Across 3 Decades
Alan B. Humphrey, Ph.D.*
College of Business Administration
University of Rhode Island

Session Organizer: Gregory Pappas, M.D., Ph.D.

*Speaker of coauthored paper.
Tuesday, July 20

CONCURRENT SESSION R
3:30–5:00 p.m.

MINORITY HEALTH RESEARCH

Methodological and substantive issues related to collection and analysis of health data for minority populations will be addressed, drawing on the experience of the new NCHS Minority Health Statistics Grants Program.

Chairperson: David R. Williams, Ph.D.
Associate Research Scientist
Associate Professor of Sociology
Institute for Social Research
University of Michigan

3:35 p.m. Using National Health Data Systems to Inform Hispanic Women's Health
Hortensia Amaro, Ph.D.
Associate Professor
Boston University School of Public Health

3:50 p.m. Cooperative Agreements to Advance the Understanding of the Health of Asian and Pacific Islander Americans
Dong Suh, M.P.P.
Research Associate
Asian American Health Forum

4:05 p.m. Social Cognition and Responses to Health Survey Questions Among Minority Populations: Preliminary Evidence
Timothy P. Johnson, Ph.D.*
Assistant Director
Survey Research Laboratory
University of Illinois at Chicago

4:20 p.m. Health Status and Access to Care Among Rural Minorities: What Do We Know?
Keith J. Mueller, Ph.D.*
Director
Nebraska Center for Rural Health Research
University of Nebraska Medical Center

*Speaker of coauthored paper.
Tuesday, July 20

CONCURRENT SESSION R
3:30–5:00 p.m.

4:35 p.m. Improving Health Statistics Among American Indians by Data Linkages with Tribal Enrollment Registries
Jonathan R. Sugarman, M.D., M.P.H.*
Medical Epidemiologist
Division of Research, Evaluation, and Epidemiology
Portland Area Indian Health Service

4:50 p.m. Discussants:
Ruth Zambrana, Ph.D.
Consultant
Agency for Health Care Policy and Research
P. Douglas Williams, M.S.
Chief, State and Academic Research Applications Staff
Office of Planning and Extramural Programs
National Center for Health Statistics

Session Organizer: Marjorie S. Greenberg, M.A.
INTERCENSAL POPULATION ESTIMATES

Problems and potential solutions related to estimating intercensal populations for minorities and geographic areas to be used as denominators for calculating health characteristic rates will be discussed.

Chairperson: Michael R. Lavoie, M.A.
Chief, Health Statistics and Measurement Center
Georgia Department of Human Resources

3:30 p.m.  
Estimating the Population of Rural Communities by Age and Gender: A Case Study of the Local Expert Procedure
David A. Swanson, Ph.D., M.A., B.Sc.*
Senior Demographic Specialist
Arkansas Institute for Economic Advancement
University of Arkansas at Little Rock

4:00 p.m.  
Estimates of the Population of States and Counties by Age, Sex, Race, and Hispanic Origin: 1980 to 1989
Sam Davis
Statistician
Population Division
U.S. Bureau of the Census

4:30 p.m.  
Preparing Population Estimates for the Post-1990 Period: The Combination of Data from Various Sources
Signe Wetrogan
Statistician
Population Division
U.S. Bureau of the Census

Session Organizer: Robert L. Heuser

*Speaker of coauthored paper.
CONCURRENT SESSION T
3:30–5:00 p.m.

SPECIAL FOCUS SURVEYS

Methodological issues pertaining to assessing health status disparities for subdomains of the population and at the subnational level will be the focus of this session.

Chairperson:  Trena M. Ezzati-Rice, M.S.
Biomedical Mathematical Statistician
Office of Research and Methodology
National Center for Health Statistics

3:30 p.m.  Comparing Two Methods of Surveying Sparse Minority Populations
Jay S. Buechner, Ph.D.*
Chief, Office of Health Statistics
Rhode Island Department of Health

3:45 p.m.  Reducing Sampling Costs: A Multi-Stage Design Using Replicated Quota Sampling to Yield a Sample of Latino and African-American Households in Los Angeles
Laurie M. Anderson, M.P.H.*
Epidemiologist, Division of Cancer Prevention and Control
National Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention

4:00 p.m.  Issues of Methodology for Agricultural Health and Hazard Surveys
Lorraine L. Cameron, Ph.D.*
Epidemiologist, Division of Surveillance Hazards Evaluation and Field Studies
National Institute for Occupational Safety and Health

4:15 p.m.  Evaluation of Methods Employed in the Assessment of Health Care Needs and Access to Care in Dade County, Florida, Following Hurricane Andrew
Nancy D. Barker, M.S.*
Mathematical Statistician
Epidemiology Program Office
Centers for Disease Control and Prevention

*Speaker of coauthored paper.
CONCURRENT SESSION T
3:30–5:00 p.m.

4:30 p.m. *Dual-Frame Surveys of State Populations*
Monroe G. Sirken, Ph.D.*
Associate Director
Office of Research and Methodology
National Center for Health Statistics

4:45 p.m. Discussion

Session Organizer: Trena M. Ezzati-Rice, M.S.
THIRD PLENARY SESSION
9:00–10:00 a.m.

ASSESSING PREVENTIVE AND PRIMARY HEALTH SERVICES

Many Americans do not have access to effective preventive services and appropriate medical care. How will health care be reformed to meet their needs and what is the role of health statistics in planning and managing for change in health care?

Chairperson: Nicholas Zill, Ph.D.
Vice President
Westat, Inc.

9:00 a.m. Kenneth E. Thorpe, Ph.D.
Deputy Assistant Secretary for Health Policy
Department of Health and Human Services

9:30 a.m. Access to What and Why? Toward a New Generation of Access Indicators
Lu Ann Aday, Ph.D.
Professor of Behavioral Sciences
School of Public Health
University of Texas

Session Organizer: Sandra S. Smith, M.P.H.
CONCURRENT SESSION U
10:30 a.m.–12:00 p.m.

COST-BENEFIT ANALYSES
Cost-effective approaches for specific prevention strategies, interventions, and rehabilitative services in averting subsequent disease and health care expenditures will be described.

Chairperson: Paul J. Placek, Ph.D.
Statistician
Office of Vital and Health Statistics Systems
National Center for Health Statistics

10:30 a.m. A Model of Cost-Effectiveness and Injury Prevention
David P. Hamburger, M.D.*
Emergency Trauma Services
Children's National Medical Center

10:45 a.m. Expansion of Medicaid Eligibility for Family Planning Services: A Cost-Benefit Analysis
Douglas R. Murray, M.S.
Director
Center for Health Statistics
Arkansas Center for Health Statistics

11:00 a.m. The Impact of Dissemination of Smoking Cessation Methods on Health Care Costs Among Pregnant Medicaid Recipients
Richard A. Windsor, Ph.D., M.P.H.*
Special Assistant to the Director
National Heart, Lung, and Blood Institute

11:15 a.m. Oregon Medicaid Plan: Prioritizing Health Services Using Data and Values
Barry F. Anderson, Ph.D.
Professor of Psychology
Portland State University

11:30 a.m. Discussion: Ethical Aspects of Rationing Based on Cost-Benefit Analyses
Paul T. Menzel, Ph.D.
Professor, Department of Philosophy
Dean of Humanities
Pacific Lutheran University

Session Organizer: Paul J. Placek, Ph.D.

*Speaker of coauthored paper.
COMPARABLE METHODS AND DATA

Mechanisms for developing comparable methods to measure progress toward the year 2000 health objectives at the National, State, and local levels will be discussed.

Chairperson: P. Douglas Williams, M.S.
Chief, State and Academic Research Applications Staff
Office of Planning and Extramural Programs
National Center for Health Statistics

10:30 a.m. Monitoring and Prioritization of the Consensus Set of Health Status Indicators by State Health Departments in the United States
Sharon L. Zucconi, Ph.D.*
Assistant Professor and Policy Analyst
School of Public Health
University of Pittsburgh

10:50 a.m. A Nonlinear Regression Model for the Projection of Expected Values for Selected Health Status Indicators in the Year 2000
Chun-Lo Meng, Ph.D.*
Director, Statistical Analysis Unit
Health Statistics Section
Colorado Department of Health

11:10 a.m. Computerized Data Base for Strengthening Capacity for Local Area Needs Assessment, Surveillance, and Monitoring of Year 2000 Objectives: The Illinois Experience
Merwyn R. Nelson, Ph.D.*
Chief, Center for Health Statistics
Illinois Department of Public Health

11:30 a.m. Development of a Standardized Telephone Survey Questionnaire and Methodology for Local Public Health Departments
Bruce M. Brock, Ph.D.*
President
Information Transfer Systems, Inc.
Ann Arbor

Session Organizer: Mary Anne Freedman, M.A.

*Speaker of coauthored paper.
CONCURRENT SESSION W
10:30 a.m.–12:00 p.m.

MEDICAL EFFECTIVENESS OUTCOMES RESEARCH

Innovations in patient outcomes research will be discussed.

Chairperson: J. Michael Fitzmaurice, Ph.D.
Director
Office of Science and Data Development
Agency for Health Care Policy and Research

10:30 a.m. Integrating Values into Clinical Care
David B. Pryor, M.D.
Associate Professor of Medicine
Duke University Medical Center

10:50 a.m. Outcomes Research for Effectiveness and Quality: The Major Issues
Sheldon Greenfield, M.D.
Senior Scientist for the Health Institute
Professor of Medicine and Chief, Division of Health Services Research
Department of Medicine
Tufts University

11:10 a.m. Effectiveness of the New Jersey State-Wide Healthstart Initiative on Prenatal Care and Pregnancy Outcome in New Jersey, 1988 to 1992
Maryanne J. Florio, M.Ed.*
Research Scientist I
Maternal and Child Health Epidemiology and Program Planning
New Jersey State Department of Health

11:30 a.m. Discussion

Session Organizer: J. Michael Fitzmaurice, Ph.D.

*Speaker of coauthored paper.
HEALTH DATA FOR PROGRAM MANAGEMENT

An array of data are needed to plan, manage, direct, evaluate, and reform health care in the United States. This session will explore the development and use of data for health program management.

Chairperson: Edward L. Hunter
Chief, Planning, Budget, and Legislation Staff
Office of Planning and Extramural Programs
National Center for Health Statistics

10:30 a.m. Public Law 99-457 Child Find and Tracking System
Joyce M. Eatmon, M.P.A.
Medical Economist
Center for Health Statistics
Arkansas Center for Health Statistics

10:50 a.m. The Competitive Initiatives Program—A New Jersey Response to the Escalating Costs of Health Care
Marcia M. Sass, Sc.D.*
Assistant Director, Health Initiatives Evaluation
Division of Health Care Planning, Financing, and Information Services
New Jersey State Department of Health

11:10 a.m. Development of a Data System for the Management of a Comprehensive Cancer Screening Program
Patricia M. Jamison, M.P.H.*
Computer Specialist
Division of Cancer Prevention and Control
Centers for Disease Control and Prevention

11:30 a.m. Using Medicare’s End Stage Renal Disease Program Management and Medical Information System for Program Monitoring and Policy Development
Joel W. Greer, Ph.D.
Economist, Office of Research and Demonstrations
Health Care Financing Administration

11:50 a.m. Discussion

Session Organizer: Elizabeth A. Lowe

*Speaker of coauthored paper.
Wednesday, July 21

CONCURRENT SESSION Y
1:30-3:00 p.m.

DATA SUPPORT FOR MEDICAL CARE POLICY

Presentations will cover how data are used to set priorities, manage allocation of resources and, in effect, ration medical care.

Chairperson: Elliot Stone, M.V.C.
Executive Director
Massachusetts Health Data Consortium

1:40 p.m.  
Data Sources Used in Prioritizing Health Services Under the Oregon Health Plan
Darren D. Coffman, B.S., M.S.*
Research Manager
Oregon Health Services Commission

2:05 p.m.  
Using HCFA’s National Claims History Files for Quality of Care Analysis and Policy Development: The DEMPAQ Project
Stephen T. Parente, M.P.H., M.S.*
Project Coordinator
Johns Hopkins Health Services Research and Development Center
Johns Hopkins School of Public Health

2:30 p.m.  
Assessment of Outcomes for CABG Surgery in New York State
Harold Kilburn, M.A. *
Program Research Specialist
Department of Health Policy and Management
State University of New York, Albany

Session Organizer: W. Edward Bacon, Ph.D.

*Speaker of coauthored paper.
CONCURRENT SESSION Z
1:30–3:00 p.m.

PREVENTION EFFECTIVENESS

Public health requires effective and cost-effective prevention strategies. This session will present research and methods for assessing the efficacy, effectiveness, and cost-effectiveness of prevention strategies on reducing adverse health outcomes.

Chairperson: Anne Haddix, Ph.D.
Economist
Atlanta, Georgia

1:40 p.m.  Cost Effectiveness of Worksite Cholesterol Screening
Robin D. Gorsky, Ph.D.*
Associate Professor
Department of Health Management and Policy
University of New Hampshire

2:00 p.m.  An Economic Evaluation of Preventing or Delaying the Onset of the Complications of Diabetes
Erik Dasbach, Ph.D.
Health Services Researcher, Division of Diabetes Translation
National Center for Chronic Disease Prevention
Centers for Disease Control and Prevention

2:20 p.m.  Economic Impact of Food-Borne Illness
Tanya Roberts, Ph.D.
Senior Economist
Economic Research Service
Department of Agriculture

2:40 p.m.  Discussion

Session Organizer: Steven M. Teutsch, M.D., M.P.H.

*Speaker of coauthored paper.
CONCURRENT SESSION AA
1:30–3:00 p.m.

BARRIERS TO CARE

Presentations will focus on the use of improved indicators for identifying and measuring barriers to appropriate and timely medical care.

Chairperson: Michael L. Millman, Ph.D.
Senior Staff Fellow
Office of Planning, Evaluation, and Legislation
Health Resources and Services Administration

1:30 p.m. Using Hospital Records to Evaluate the Performance of the Outpatient Delivery System
John Billings
Principal Investigator
Ambulatory Care Access Project
United Hospital Fund

1:50 p.m. Sociocultural Barriers to Appropriate Care
Sarita L. Karon, Ph.D.*
Assistant Scientist
Center for Health Systems Research and Analysis
University of Wisconsin-Madison

2:10 p.m. Evaluation of Barriers to Prenatal Care: A Model Project
Mary E. Losch, Ph.D.*
Program Director
Social Science Institute
University of Iowa

2:30 p.m. Discussant:
P. Ellen Parsons, Ph.D.
Statistician
Division of Health Interview Statistics
National Center for Health Statistics

Session Organizer: Trish Royston

*Speaker of coauthored paper.
CDC faces challenges in surveillance due to changing missions and the opportunity presented by health reform. Current responses include the development of CDC's information network for public health officials, a plan for the future of microcomputers in epidemiology, and a new plan for national public health surveillance.

Chairperson: Mary Anne Freedman, M.A.
Special Assistant to the Director
Healthy People 2000 Staff
National Center for Health Statistics

1:30 p.m. National Public Health Surveillance: Where Do We Go From Here?
Elaine D. Eaker, Sc.D.
Assistant Director for Science
Division of Surveillance and Epidemiology
Epidemiology Program Office
Centers for Disease Control and Prevention

2:00 p.m. The Future of Microcomputers in Epidemiology
Andrew G. Dean, M.D., M.P.H.
Chief, Systems Development Branch
Division of Surveillance and Epidemiology
Epidemiology Program Office
Centers for Disease Control and Prevention

2:30 p.m. CDC Information Network for Public Health Officials
David A. Ross, Sc.D.
Assistant Director for Information and Communication Services
Public Health Practice Program Office
Centers for Disease Control and Prevention

Session Organizer: Donna F. Stroup, Ph.D.
Jack R. Anderson** (Opening Ceremony)
Acting Deputy Director
Office of the Center Director

W. Edward Bacon, Ph.D.** (Y)
Director
Division of Health Care Statistics

Ronette R. Briefel, Dr.P.H., R.D.** (F)
Coordinator for Nutrition Monitoring and Related Research
Division of Health Examination Statistics

Lester R. Curtin, Ph.D.** (M)
Chief, Statistical Methods Staff Office of Research and Methodology

Marcie Cynamon, M.A.** (K)
Special Assistant to the Director Division of Health Interview Statistics

Pennifer Erickson** (A)
Chief, Clearinghouse on Health Indexes
Division of Epidemiology and Health Promotion

Trena M. Ezzati-Rice, M.S.** (T)
Biomedical Mathematical Statistician Office of Research and Methodology

Lois Fingerhut, M.A.** (G)
Special Assistant for Injury Epidemiology Office of Analysis and Epidemiology

J. Michael Fitzmaurice, Ph.D. (W)
Director, Office of Science and Data Development Agency for Health Care Policy and Research
2101 East Jefferson Street, Room 601 Rockville, Maryland 20852-4908

Mary Anne Freedman, M.A.** (V)
Special Assistant to the Director Healthy People 2000 Staff Office of the Center Director

Patricia M. Golden, B.A., M.P.H.** (P)
Special Assistant to the Director Division of Epidemiology and Health Promotion

Marjorie Greenberg, M.A.** (R)
Evaluation Officer, Office of Planning and Extramural Programs

Robert L. Heuser** (S)
Chief, Natality, Marriage, and Divorce Statistics Branch
Division of Vital Statistics

Peter L. Hurley** (First Plenary)
Associate Director, Office of Vital and Health Statistics Systems

Robert A. Israel** (N)
Associate Director Office of International Statistics

Laura Kann, Ph.D. (C)
Chief, Surveillance Research Section Division of Adolescent and School Health Center for Chronic Disease Prevention and Health Promotion Centers for Disease Control and Prevention 1600 Clifton Road, NE., MS K-33 Atlanta, Georgia 30333

John L. Kiely, Ph.D.** (B)
Visiting Scientist, Division of Analysis Office of Analysis and Epidemiology

( ) Indicates session.
Felicia LeC1ere, Ph.D.** (E)
Health Statistician
Division of Health Interview Statistics

Elizabeth Lowe (X)
(formerly with NCHS)
Foundation for Health Services Research
1350 Connecticut Avenue, NW.,
Suite 1100
Washington D.C. 20036

Ronald W. Manderscheid, Ph.D. (D)
Acting Director, Division of State and Community Systems Development
Center for Mental Health Services
5600 Fishers Lane, Suite 501
Rockville, Maryland 20857

Mary Moien, M.S.** (O)
Assistant to the Director
Office of the Center Director

Gregory Pappas, M.D., Ph.D.** (Q)
Special Assistant to the Director
Office of Planning and Extramural Programs

Paul J. Placek, Ph.D.** (U)
Statistician, Office of Vital and Health Statistics Systems

Harry M. Rosenberg, Ph.D.** (J)
Chief, Mortality Statistics Branch
Division of Vital Statistics

Trish Royston (AA)
Deputy Director, Division of Information and Analysis
Health Resources and Services Administration
5600 Fishers Lane, Room 14-33
Rockville, Maryland 20857

Sandra S. Smith, M.P.H.** (I and Third Plenary)
Public Affairs Officer
Office of Data Processing and Services

Donna F. Stroup, Ph.D., M.Sc. (BB)
Director, Division of Surveillance and Epidemiology
Epidemiology Program Office
Centers for Disease Control and Prevention
1600 Clifton Road, NE., MS C-08
Atlanta, Georgia 30333

Steven M. Teutsch, M.D., M.P.H. (Z)
Director, Division of Surveillance and Epidemiologic Studies
Epidemiology Program Office
Centers for Disease Control and Prevention
1600 Clifton Road, NE., MS C-08
Atlanta, Georgia 30333

Joan Van Nostrand, M.P.A.** (H)
Coordinator of Data on Aging
Office of Vital and Health Statistics Systems

James A. Weed, Ph.D.** (L)
Deputy Director
Division of Vital Statistics

Ronald W. Wilson** (Second Plenary)
Director, Division of Epidemiology and Health Promotion

**National Center for Health Statistics
6525 Belcrest Road
Hyattsville, Maryland 20782

( ) Indicates session.
PROGRAM SESSION CHAIRPERSONS

Andrew Batavia, J.D. (K)
Executive Director
National Council on Disability
800 Independence Avenue, Suite 808
Washington, D.C. 20591

Ronette R. Briefel, Dr.P.H., R.D.* (F)
Coordinator for Nutrition Monitoring
and Related Research
Division of Health Examination
Statistics

Lester R. Curtin, Ph.D.* (M)
Chief, Statistical Methods Staff
Office of Research and Methodology

Trena M. Ezzati-Rice, M.S.* (T)
Biomedical Mathematical Statistician
Office of Research and Methodology

Jacob Feldman, Ph.D.* (A)
Associate Director
Office of Analysis and Epidemiology

Lois Fingerhut, M.A.* (G)
Special Assistant for Injury
Epidemiology
Office of Analysis and Epidemiology

J. Michael Fitzmaurice, Ph.D. (W)
Director, Office of Science and Data
Development
Agency for Health Care Policy and
Research
2101 East Jefferson Street, Room 601
Rockville, Maryland 20852-4908

Mary Anne Freedman, M.A.* (BB)
Special Assistant to the Director
Healthy People 2000 Staff
Office of the Center Director

Anne Haddix, Ph.D. (Z)
Economist
2537 Circlewood Road
Atlanta, Georgia 30345

Roderick Harrison (J)
Chief, Racial Statistics Branch
Population Division, Room 2318-3
U.S. Bureau of the Census
Suitland, Maryland 20233

Dorothy S. Harshbarger, M.S. (L)
State Registrar and Director
Alabama Center for Health Statistics
P.O. Box 5625
Montgomery, Alabama 36103-5625

Edward L. Hunter** (X)
Chief, Planning, Budget, and
Legislation Staff
Office of Planning and Extramural
Programs

Robert A. Israel** (N)
Associate Director
Office of International Statistics

John L. Kiely, Ph.D.* (B)
Visiting Scientist
Division of Analysis

Michael R. Lavoie, M.A. (S)
Chief, Health Statistics and
Measurement Center
Georgia Department of Human
Resources
47 Trinity Avenue, SW., Room 217-H
Atlanta, Georgia 30334

Felicia LeClere, Ph.D.* (E)
Health Statistician
Division of Health Interview Statistics

( ) Indicates session.
Ronald W. Manderscheid, Ph.D. (D)  
Acting Director, Division of State and Community Systems Development  
Center for Mental Health Services  
5600 Fishers Lane, Suite 501  
Rockville, Maryland 20857

J. Michael McGinnis, M.D. (First Plenary)  
Deputy Assistant Secretary for Health  
Office of Disease Prevention and Health Promotion  
Department of Health and Human Services  
330 C Street, SW., Room 2132  
Washington, D.C. 20201

Michael L. Millman, Ph.D. (AA)  
Senior Staff Fellow, Office of Planning, Evaluation, and Legislation  
Health Resources and Services Administration  
5600 Fishers Lane, Room 14-33  
Rockville, Maryland 20857

Mary Moien, M.S.** (O)  
Assistant to the Director  
Office of the Center Director

Paul J. Placek, Ph.D.** (U)  
Statistician, Office of Vital and Health Statistics Systems

James G. Ross, M.S. (C)  
Vice President  
Macro International, Inc.  
8630 Fenton Street, Suite 406  
Silver Spring, Maryland 20910

Lisa Miller Schalick** (Q)  
Office of Planning and Extramural Programs

Sandra S. Smith, M.P.H.** (I)  
Public Affairs Officer  
Office of Data Processing and Services

Elliot M. Stone, M.V.C. (Y)  
Executive Director, Massachusetts Health Data Consortium  
400-1 Totten Pond Road  
Waltham, Massachusetts 02154

Joan Van Nostrand, M.P.A.** (H)  
Coordinator of Data on Aging  
Office of Vital and Health Statistics Systems

Signe Wetrogan (P)  
Statistician  
Population Division  
U.S. Bureau of the Census  
Washington, D.C. 20233

David R. Williams, Ph.D., M.P.H. (R)  
Associate Research Scientist  
Institute for Social Research  
P.O. Box 1248, University of Michigan  
Ann Arbor, Michigan 48106

P. Douglas Williams, M.S.** (V)  
Chief, State and Academic Research Applications  
Office of Planning and Extramural Programs

Ronald W. Wilson** (Second Plenary)  
Director, Division of Epidemiology and Health Promotion

Nicholas Zill, Ph.D. (Third Plenary)  
Vice President  
Westat, Inc.  
1650 Research Boulevard  
Rockville, Maryland 20850–3129

**National Center for Health Statistics  
6525 Belcrest Road  
Hyattsville, Maryland 20782

( ) Indicates session.
PROGRAM SESSION SPEAKERS

Lu Ann Aday, Ph.D. (Third Plenary)
Professor of Behavioral Sciences
School of Public Health
University of Texas
P.O. Box 20186, RAS East 311
Houston, Texas 77225

Mohammad N. Akhter, M.D., M.P.H.
(Second Plenary)
Commissioner of Health, D.C.
Department of Health and Human Services
1660 L Street, NW., Suite 1200
Washington, D.C. 20036

Sherry Allison-Cooke (B)
Senior Research Associate
National Perinatal Information Center
One State Street, Suite 102
Providence, Rhode Island 02908-5035

Barbara M. Altman, Ph.D. (K)
Research Fellow, Agency for Health Care Policy and Research
2102 East Jefferson Street, Suite 500
Rockville, Maryland 20852

Hortensia Amaro, Ph.D. (R)
Associate Professor, Boston University School of Public Health
85 East Newton Street, M-840
Boston, Massachusetts 02118

Laurie M. Anderson (T)
Epidemiologist, Cancer Prevention Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention
1600 Clifton Road, NE., K-55
Atlanta, Georgia 30333

Barry F. Anderson, Ph.D. (U)
Professor of Psychology
Portland State University
P.O. Box 751
Portland, Oregon 97207-0751

Jacqueline L. Angel, Ph.D. (E)
Sociology Department
University of Texas at Austin
336 Burdine Hall
Austin, Texas 78712

Andrew Asher, M.P.P. (O)
Research Analyst
Mathematica Policy Research, Inc.
600 Maryland Avenue, SW., Suite 550
Washington, D.C. 20024

Nancy D. Barker, M.S. (T)
Mathematical Statistician,
Epidemiology Program Office
Centers for Disease Control and Prevention
1600 Clifton Road, NE., MS C-08
Atlanta, Georgia 30333

Trude Bennett, Dr.P.H., M.S.W. (L)
Assistant Professor, Department of Maternal and Child Health School of Public Health
University of North Carolina
CB 7400, Rosenau Hall
Chapel Hill,
North Carolina 27599-7400

Karl E. Bergmann, M.D. (N)
Head, Division of Public Health Statistics, Federal Health Office, D1
P.O. Box 330013,
Werner-Voss-Damm 62
D-1000 Berlin 42, Germany

( ) Indicates session.
John Billings (AA)
Principal Investigator, Ambulatory
Care Access Project, United Hospital
Fund
55 Fifth Avenue
New York, New York 10003

Coleen A. Boyle, Ph.D. (K)
Division of Birth Defects and
Developmental Disabilities
Centers for Disease Control and
Prevention
4770 Buford Highway, MS F-15
Atlanta, Georgia 30341

Bruce M. Brock, Ph.D., M.P.H. (V)
President
Information Transfer Systems, Inc.
209 East Washington Street, Suite 200
Ann Arbor, Michigan 48104–2007

Scott Campbell Brown, Ph.D. (K)
Education Research Specialist
National Institute for Disability and
Rehabilitation Research
400 Maryland Avenue, SW.,
Room 3520
Washington, D.C. 20202–2641

Jay S. Buechner, Ph.D. (T)
Chief, Office of Health Statistics
Rhode Island Department of Health
3 Capitol Hill, Cannon Building
Providence, Rhode Island 02908–5097

Carol A. Burnett, M.S. (L)
Epidemiologist, Surveillance Branch
National Institute for Occupational
Safety and Health
4676 Columbia Parkway, MS R-18
Cincinnati, Ohio 45226

Lorraine L. Cameron, Ph.D. (T)
Epidemiologist, Division of
Surveillance Hazards Evaluation and
Field Studies
National Institute for Occupational
Safety and Health
4676 Columbia Parkway, MS R-18
Cincinnati, Ohio 45226

Mary Chamie, Ph.D., M.P.H. (K)
Statistician, Demographic and Social
Statistics Office
United Nations
Plaza 2, Room 1586
New York, New York 10017

Darren D. Coffman, B.S., M.S. (Y)
Research Manager
Oregon Health Services Commission
800 NE. Oregon Street 17, Suite 550
Portland, Oregon 97232

Victor Cohn (I)
Senior Writer and Columnist
Health Section, Washington Post
1150 15th Street, NW.
Washington, D.C. 20071

Larry S. Corder, Ph.D. (H)
Associate Research Professor
Center for Demographic Studies
Duke University
2117 Campus Drive
Durham, North Carolina 27706

Lester R. Curtin, Ph.D. (P)**
Chief, Statistical Methods Staff
Office of Research and Methodology

Peter D’Ascoli, M.D., M.P.H. (E)
Faculty Member
School of Public Health
University of Minnesota
420 Delaware Street, SE., Box 97
Minneapolis, Minnesota 55455

Erik Dasbach, Ph.D. (Z)
Health Services Researcher, National
Center for Chronic Disease and
Prevention
Centers for Disease Control and
Prevention
4770 Buford Highway, NE., MS K-10
Chamblee, Georgia 30341–3724

( ) Indicates session.
Arthur J. Davidson, M.D., M.S.P.H. (L)
Director, Data Management
Denver Public Health Department
605 Bannock Street
Denver, Colorado 80204

Sam Davis (S)
Statistician
Population Division
U.S. Bureau of the Census
Washington, D.C. 20233

Andrew G. Dean, M.D., M.P.H. (BB)
Chief, Systems Development Branch
Division of Surveillance and Epidemiology
Centers for Disease Control and Prevention
1600 Clifton Road, NE.
Atlanta, Georgia 30333

Paula Diehr, Ph.D. (A)
Professor, Biostatistics and Health Services
Department of Biostatistics, SC-32
University of Washington
Seattle, Washington 98195

Walter R. Dowdle, Ph.D. (First Plenary)
Deputy Director, Centers for Disease Control and Prevention
1600 Clifton Road, NE., MS D-14
Atlanta, Georgia 30333

Elaine D. Eaker, Sc.D. (BB)
Assistant Director for Science
Division of Surveillance and Epidemiology
Epidemiology Program Office
Centers for Disease Control and Prevention
1600 Clifton Road, NE., MS C-08
Atlanta, Georgia 30333

Joyce M. Eatmon, M.P.A. (X)
Medical Economist
Center for Health Statistics
Department of Health
4815 West Markham, Slot 19
Little Rock, Arkansas 72205–3867

Cecile H. Edwards, Ph.D. (B)
Graduate Professor, Nutritional Sciences
College of Allied Health Sciences
2400 Sixth Street, NW.
Washington, D.C. 20059

Pennifer Erickson** (A)
Chief, Clearinghouse on Health Indexes
Division of Epidemiology and Health Promotion

Manning Feinleib, M.D., Dr.P.H.**
(First Plenary)
Director

Maryanne J. Florio, M.Ed. (W)
Research Scientist, Maternal and Child Health Epidemiology and Program Planning
Department of Health
363 West State Street, CN 364
Trenton, New Jersey 08625

Blanche Frank, Ph.D. (C)
Chief, Bureau of Applied Studies
State Office of Alcoholism and Substance Abuse
55 West 125th Street
New York, New York 10027

Emma L. Frazier, Ph.D. (P)
Chief, Data Management Section
Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention
1600 Clifton Road, NE., MS K-30
Atlanta, Georgia 30333

Brian K. Gallagher, M.S. (O)
Program Research Specialist, Perinatal Health Unit, NYS Department of Health
Corning Tower Building, Room 780
Albany, New York 12237

( ) Indicates session.
Jane F. Gentleman, Ph.D. (M)  
Chief, Health Status Section  
Canadian Centre for Health Information  
Statistics Canada, RHC-18A  
Ottawa, Ontario, Canada K1A 0T6  

Robert S. Gold, Ph.D. (C)  
Senior Science Advisor  
Macro International, Inc.  
8630 Fenton Street, Suite 406  
Silver Spring, Maryland 20910  

Claire C. Gordon, Ph.D. (J)  
Senior Anthropologist, U.S. Army Aviation and Troop Command  
Natick Research, Development, and Engineering Center  
Natick, Massachusetts 01760-5020  

Robin D. Gorsky, Ph.D. (Z)  
Associate Professor, Health Management and Policy, University of New Hampshire  
R.R.1, Box 161D, Harmony Grove Road  
Northwood, New Hampshire 03261  

Sheldon Greenfield, M.D. (W)  
Senior Scientist, Health Institute Department of Medicine, Tufts University  
750 Washington Street, 345  
Boston, Massachusetts 02111  

Joel W. Greer, Ph.D. (X)  
Economist, Research and Demonstrations  
Health Care Financing Administration  
6325 Security Boulevard, OM 2504  
Baltimore, Maryland 21207  

Corazon M. Halasan, Ph.D. (J)  
Vital Records and Health Statistics  
Public Health Division  
1190 St. Francis Drive  
Santa Fe, New Mexico 87502–6110  

David P. Hamburger, M.D. (U)  
Injury Control Fellow  
Children's National Medical Center  
12809 Circle Drive  
Rockville, Maryland 20850  

Robert Hartford, Ph.D.** (N)  
Deputy Director  
Office of International Statistics  

Marilyn J. Henderson, M.P.A. (D)  
Assistant Chief, Survey and Analysis Branch  
Center for Mental Health Services  
5600 Fishers Lane, Room 18C-07  
Rockville, Maryland 20857  

Alan B. Humphrey, Ph.D. (Q)  
Associate Professor, College of Business Administration  
University of Rhode Island  
301 Ballentine Hall  
Kingston, Rhode Island 02881–0802  

Patricia M. Jamison, M.P.H. (X)  
Computer Specialist, Division of Cancer Prevention and Control  
Centers for Disease Control and Prevention  
4770 Buford Highway, NE., K-55  
Atlanta, Georgia 30341–3724  

Jared B. Jobe, Ph.D.** (L)  
Psychologist, Office of Research and Methodology  

Timothy P. Johnson, Ph.D. (R)  
Assistant Director, Survey Research Laboratory  
University of Illinois at Chicago  
910 West Van Buren, Suite 500  
Chicago, Illinois 60607  

Clifford Johnson, M.S.P.H.** (F)  
Special Assistant for Analysis  
Division of Health Examination Statistics  

( ) Indicates session.
Mary D. Overpeck, Dr.P.H. (C)
Epidemiologist, Epidemiology Branch
National Institute of Child Health
6100 Executive Boulevard, Room 7B03
Bethesda, Maryland 20892

Victoria Vespe Ozonoff, Ph.D. (G)
Director, Health Resources Statistics
Bureau of Health Statistics, Research and Evaluation
Department of Public Health
150 Tremont Street
Boston, Massachusetts 02111

Elsie Pamuk (Q)
Division of Nutrition
Centers for Disease Control and Prevention
4770 Buford Highway, NE.
Atlanta, Georgia 30341–3724

Stephen T. Parente, M.P.H., M.S. (Y)
Project Coordinator, Johns Hopkins Health Services Research and Development Center
624 North Broadway, Room 600
Baltimore, Maryland 21205

P. Ellen Parsons, Ph.D.** (AA)
Statistician, Division of Health Interview Statistics

Donald L. Patrick, Ph.D., M.S.P.H.
(First Plenary)
Director, Social and Behavioral Sciences
University of Washington
Department of Health Services, SC-37
Seattle, Washington 98195

David B. Pryor, M.D. (W)
Associate Professor of Medicine
Duke University Medical Center
Box 3531
Durham, North Carolina 27710

( ) Indicates session.
Monroe Sirken, Ph.D.** (T)
Associate Director
Office of Research and Methodology

Jane E. Sisk, Ph.D. (First Plenary)
Professor, Division of Health Policy and Management
Columbia University School of Public Health
600 West 168th Street
New York, New York 10032

Jonathan Reuel Sugarman, M.D., M.P.H. (R)
Medical Epidemiologist, Division of Research, Evaluation, and Epidemiology
Portland Area Indian Health Service
2201 Sixth Avenue, Room 300
Seattle, Washington 98121

Barbara Sugland, Sc.D., M.P.H. (E)
Research Associate
Child Trends, Inc.
2100 M Street, NW., Suite 610
Washington, D.C. 20037

Dong Suh, M.P.P. (R)
Research Associate
Asian American Health Forum
116 New Montgomery, Suite 531
San Francisco, California 94105

David A. Swanson, Ph.D., M.A., (S)
Senior Demographic Specialist
Arkansas Institute for Economic Advancement
University of Arkansas
2801 South University Avenue
Little Rock, Arkansas 72204–1099

Karen Smith Thiel, Ph.D. (E)
Director, Healthy Start Evaluation
Health Resources and Services Administration
5600 Fishers Lane, Room 14–36
Rockville, Maryland 20857

Kenneth E. Thorpe, Ph.D. (Third Plenary)
Deputy Assistant Secretary for Health Policy
Department of Health and Human Services
200 Independence Avenue, SW., Room 442E
Washington, D.C. 20201

David Thurman, M.D., M.P.H. (G)
Medical Epidemiologist, National Center for Injury Prevention and Control
Centers for Disease Control and Prevention
4770 Buford Highway, NE., MS F-41
Atlanta, Georgia 30341

Joan Turek-Brezina, Ph.D. (O)
Director, Technical and Computer Support Division
Office of the Assistant Secretary for Planning and Evaluation
Department of Health and Human Services
200 Independence Avenue, SW.
Washington, D.C. 20201

Therese Van Houten, D.S.W. (C)
Evaluation Director
Macro International, Inc.
8630 Fenton Street, Suite 406
Silver Spring, Maryland 20910

Lois M. Verbrugge, Ph.D., M.P.H. (H)
Distinguished Research Scientist, Institute of Gerontology, University of Michigan
300 North Ingalls
Ann Arbor, Michigan 48109–2007

William H. Walsh, Jr. (M)
Director, National Center for Statistics and Analysis, New Hampshire TSA
400 Seventh Street, SW., Room 6125
Washington, D.C. 20590

( ) Indicates session.
Signe Wetrogan (S)
Statistician
Population Division
U.S. Bureau of the Census
Washington, D.C. 20233

Amanda White, B.A. (F)
Principal Social Survey Officer
Office of Population Census and
Surveys
St. Catherine's House, 10 Kingsway
London WC2B 6JP Great Britain

Gale G. Whiteneck, Ph.D. (K)
Director of Research
Craig Hospital
3425 South Clarkson
Englewood, Colorado 80110

Russell Wilkins, M.Urb. (H)
Senior Analyst
Canadian Centre for Health
Information
Statistics Canada, RHC-18N
Ottawa, Ontario, Canada K1A 0T6

Michelle A. Williams, Sc.D. (B)
Assistant Professor of Epidemiology
School of Public Health and
Community Medicine
1124 Columbia Street, MS MP381
Seattle, Washington 98104

P. Douglas Williams, M.S** (R)
Chief, State and Academic Research
Applications
Office of Planning and Extramural
Programs

Richard A. Windsor, Ph.D., M.P.H.
(U)
Special Assistant to the Director
National Heart, Lung, and Blood
Institute
NIH, Building 31, Room 5A48
Bethesda, Maryland 20892

Ruth Zambrana, Ph.D. (R)
Consultant, Agency for Health Care
Policy and Research
2101 East Jefferson Street
Rockville, Maryland 20852

Alvan O. Zarate, Ph.D.** (N)
Special Assistant to the Director
Office of the Center Director

Sharon L. Zucconi, Ph.D. (V)
Assistant Professor and Policy Analyst
University of Pittsburgh
School of Public Health
130 DeSoto Street, A655
Pittsburgh, Pennsylvania 15261

( ) Indicates session.

**National Center for Health Statistics
6525 Belcrest Road
Hyattsville, Maryland 20782

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