
CONTENTS

Tables and Figures ix

Preface xv

About the Author xvii

1 Historical Aspects of Race/Ethnicity and Health 1

PART ONE: CROSSCUTTING ISSUES 13

2 Conceptual Issues in Race/Ethnicity and Health 15

3 The Demography of American Racial/Ethnic Minorities 30

PART TWO: MORBIDITY, MORTALITY, AND RACIAL/ETHNIC DISPARITIES IN HEALTH 51

4 The Epidemiological Profile of Racial/Ethnic Minorities 53

5 Mental Health 83

with Duane Thomas, Ph.D.

6 Health Care Services Among Racial/Ethnic Groups 108

**PART THREE: ETIOLOGY OF RACIAL/ETHNIC DIFFERENCES
IN HEALTH 131**

- 7 Theories of Racial/Ethnic Differences in Health 133
- 8 Socioeconomic Status and Racial/Ethnic Differences in Health 157
- 9 Behavior and Health 180

PART FOUR: RACIAL/ETHNIC GROUP-SPECIFIC HEALTH ISSUES 203

- 10 African American Health Issues 205
- 11 American Indian and Alaska Native Health Issues 223
- 12 Asian and Pacific Islander Health Issues 242
- 13 Hispanic/Latino Health Issues 260

PART FIVE: CONCLUSIONS 281

- 14 Addressing Disparities in Health and Health Care 283
- Appendix A: Case Studies 298
- Appendix B: Additional Readings 303
- References 308
- Name Index 333
- Subject Index 339

TABLES AND FIGURES

Tables

- 1.1 Preference for Racial or Ethnic Terminology
- 2.1 U.S. Policy for Assigning Racial Status on Birth Certificates Prior to 1989
- 2.2 Japanese Policy for Assigning Racial/Ethnic Status on Birth Certificates Prior to 1983
- 2.3 Brazilian Policy for Assigning Racial/Ethnic Status on Birth Certificates
- 2.4 The Link Between Race and Hispanic Ethnicity
- 3.1 U.S. Population by Race/Ethnicity Among People Reporting Only One Race Group, 2000
- 4.1 Ten Leading Causes of Death, Ranked for Each Racial/Ethnic Group, 2000
- 4.2 Years of Potential Life Lost by Age 75
- 4.3 Years of Potential Life Lost by Age 75 for Selected Causes of Death, by Race/Ethnicity, 2000
- 4.4 Prevalence Rates for Diabetes, Hypertension, and Dental Pain, by Race/Ethnicity
- 5.1 Prevalence of Selected Mental Disorders, National Comorbidity Survey
- 5.2 Comparisons of Mental Disorders Between Hispanics in the Fresno Study and the National Comorbidity Survey
- 5.3 Comparisons of Mental Disorders Between Chinese Americans and the National Comorbidity Survey

- 6.1 Percentage of Persons with No Health Care Visits in the Past Twelve Months, 2001
- 6.2 Racial Differences in Trust in Health Care
- 6.3 Racial Differences in Patients' Perceptions of Racism in Health Care Settings
- 6.4 Physicians' Rating of Patients by Patient's Race
- 6.5 Physician-Patient Race Concordance in the 1994 Commonwealth Minority Health Survey
- 7.1 Racial/Ethnic Residential Segregation in the 25 Largest U.S. Cities, 2000
- 8.1 Median Household Income in Constant 2002 Dollars, by Race and Hispanic Origin
- 8.2 Poverty Thresholds for 2003, by Size of Family and Number of Related Children Under 18 Years of Age
- 8.3 Percentage of Poverty for a Family of Five with One Child, 2003
- 8.4 Rate of Poverty for the U.S. Population, 1960–2000
- 8.5 Percentage of High School Graduates Aged 25 Years or Older, by Race and Hispanic Origin, 1959–2000
- 8.6 Current Occupations for Persons 25–64 Years of Age
- 8.7 Sample of Occupational Prestige Scores
- 8.8 Net Worth and Percentage Owning Selected Assets Among African Americans and Total U.S. Population, 1995
- 8.9 The Relationship Between Social Context and Health
- 9.1 Percentage of Adults Aged 18 Years and Over Reporting No Participation in Leisure-Time Physical Activity, by Race/Ethnicity and Sex, 1992
- 9.2 Average Daily Consumption of Fruit and Vegetables, by Race/Ethnicity, 2002
- 9.3 Current Cigarette Smoking by Adults According to Sex, 1999–2001
- 9.4 Consumption of Alcohol and Other Drugs Among Persons Aged 12 and Older, by Race/Ethnicity, 2001
- 10.1 Age-Specific Death Rates for African Americans Compared with Other Racial/Ethnic Groups, 2001
- 10.2 Leading Causes of Death for African American Males Compared with Males of Other Ethnic Groups, 2001
- 10.3 Leading Causes of Death for African American Females Compared with Females of Other Ethnic Groups, 2001
- 10.4 Leading Causes of Death Across the Life Span for African American Adults, 2001
- 10.5 Maternal Mortality for Complications of Pregnancy, Childbirth, and the Puerperium, by Race/Ethnicity
- 10.6 Infant Mortality Rates, by Education and Race/Ethnicity, 2001
- 11.1 Age-Specific Death Rates for American Indians/Alaska Natives Compared with Other Racial/Ethnic Groups, 2001
- 11.2 Leading Causes of Death for American Indian/Alaska Native Males Compared with Males of Other Ethnic Groups, 2001

- 11.3 Leading Causes of Death for American Indian/Alaska Native Females Compared with Females of Other Ethnic Groups, 2001
- 11.4 Leading Causes of Death Across the Life Span for American Indian/Alaska Native Adults, 2001
- 11.5 Alcohol Use, Cirrhosis Deaths, and Alcohol-Related Motor Vehicle Deaths, by Race/Ethnicity, Various Years
- 12.1 Age-Specific Death Rates for Asians/Pacific Islanders Compared with Other Racial/Ethnic Groups, 2001
- 12.2 Leading Causes of Death for Asian/Pacific Islander Males Compared with Males of Other Ethnic Groups, 2001
- 12.3 Leading Causes of Death for Asian/Pacific Islander Females Compared with Females of Other Ethnic Groups, 2001
- 12.4 Leading Causes of Death Across the Life Span for Asian/Pacific Islander Adults, 2001
- 13.1 Hispanic Population by Nationality, 2000
- 13.2 Age-Specific Death Rates for Hispanics/Latinos Compared with Other Racial/Ethnic Groups, 2001
- 13.3 Leading Causes of Death for Hispanic/Latino Males Compared with Males of Other Ethnic Groups, 2001
- 13.4 Leading Causes of Death for Hispanic/Latino Females Compared with Females of Other Ethnic Groups, 2001
- 13.5 Pregnancy-Related Mortality Ratios Among Hispanic, Asian/Pacific Islander, American Indian/Alaska Native, Non-Hispanic Black (Black), and Non-Hispanic White (White) Women, United States, 1993–1997
- 13.6 Evidence for the Hispanic Epidemiological Paradox
- 14.1 Racial/Ethnic Distribution Among the Uninsured, 2001
- 14.2 Strategies and Points of Intervention
 - A.1 Race Differences in Use of Analgesic (Pain) Medication

Figures

- 1.1 Changing Status of African Americans in U.S. History, 1619–2004
- 1.2 Projected Percentage of Resident U.S. Population by Race/Ethnicity, 2010–2070
 - 2.1 Race, Ethnicity, and Nationality
 - 2.2 Conceptual Model of Race
 - 3.1 Total Population and Elderly Population, United States, 1950–2050
 - 3.2 Racial/Ethnic Population by Region
 - 3.3 Regional Distribution of Each Racial/Ethnic Group
 - 3.4 Percentages of Resident U.S. Population by Race/Ethnicity, 1950–2000
 - 3.5 Projected Percentages of Resident U.S. Population by Race/Ethnicity, 2010–2070

- 3.6 Age Distribution of the U.S. Population, 2000
- 3.7 U.S. Fertility Rate, 1950–2000
- 3.8 Fertility Rates by Race/Ethnicity, 1980–2000
- 3.9 Age of Mother at Birth by Race/Ethnicity, 2000
- 3.10 Teenaged Childbearing by Race/Ethnicity, 2000
- 3.11 Nonmarital Childbearing by Race/Ethnicity, 2000
- 3.12 Marital Status of Persons Aged 18 or Older by Race/Ethnicity
- 3.13 Children Under Age 18 Living with Both Parents or with Mother Only, by Race/Ethnicity
- 3.14 Age-Adjusted Mortality Rate by Race/Ethnicity, 1999
- 3.15 Percentage of Foreign-Born Individuals in Each Racial/Ethnic Group, 1960–1990
- 3.16 Country of Birth of the Foreign-Born U.S. Population for Each Racial/Ethnic Group of 500,000 or More, 1990 and 1997
- 4.1 Age-Adjusted Mortality Rates by Sex, 1940–2000
- 4.2 Age-Adjusted Mortality Rates by Race/Ethnicity, 1940–2000
- 4.3 Age-Adjusted Mortality Rates by Race/Ethnicity and Gender, 2001
- 4.4 Survivorship by Race, 2000
- 4.5 Infant Mortality Rates by Race/Ethnicity, 1985–2000
- 4.6 Infant, Neonatal, and Postneonatal Mortality Rates by Race/Ethnicity, 2001
- 4.7 Infant Mortality Rates by Race/Ethnicity, 2000
- 4.8 International Comparisons of Infant Mortality Rates, United States and Selected Countries, 1999
- 4.9 Low Birth Weight and Very Low Birth Weight Live Birth Rates by Race/Ethnicity, 1999–2001
- 4.10 Maternal Mortality Rates by Race/Ethnicity, 1950–2000
- 4.11 Life Expectancy at Birth by Race and Gender, United States, 1900–2000
- 4.12 International Comparisons of Male Life Expectancy, United States and Selected Countries, 1998
- 4.13 International Comparisons of Female Life Expectancy, United States and Selected Countries, 1998
- 4.14 The Mortality Crossover
- 4.15 Limitations of Activities Caused by Chronic Conditions, According to Selected Characteristics, United States, 2001
- 4.16 Self-Assessed Health Status by Race/Ethnicity, United States, 2001
- 5.1 The Mental Health Continuum
- 5.2 Chronic Stressors and Risk for the Common Cold
- 5.3 Race, Gender, and Suicide, 2000
- 6.1 Model of Health Care Disparities
- 6.2 Behavioral Model of Health Services Utilization
- 6.3 Health Insurance Status Among Persons 18–64 Years Old, 2001
- 6.4 Persons 18–64 Years Old with No Usual Source of Care, 2001

- 6.5 Percentage of Patients “Very Satisfied” with Their Health Care, 1994
- 6.6 Racial/Ethnic Distribution of Physicians, United States, 2000
- 6.7 Social and Behavioral Production of Disparities
- 6.8 Model of Access to Health Care Services
- 6.9 Health Care Quality and Disparities
- 7.1 Determinants of Health Status
- 7.2 Density of Supermarkets and Full-Service Restaurants by Neighborhood Racial Segregation Category
- 7.3 Adequacy of Opioid Supplies by Racial/Ethnicity Composition of the Neighborhood
- 7.4 Low Birth Weight Rate by Race and Age at Birth
- 7.5 Adjusted Prevalence of Hypertension in Black Adults, Aged 25 to 50 Years, by Socioeconomic Status and Level of John Henryism, Pitt County, North Carolina, 1992
- 7.6 Infant Mortality Rates for U.S.-Born Women and Their Foreign-Born Counterparts
- 7.7 Low Birth Weight Rates for U.S.-Born Black and White Women and African-Born Women in the United States.
- 7.8 Odds of Having a Disability and Odds of Spending a Week in a Hospital Among Foreign-Born and U.S.-Born Asians, National Health Interview Survey, 1992–1995 Combined
- 7.9 The Biopsychosocial Racism Model
- 8.1 Relationship Between Education and Income Among Males Aged 25 Years and Over
- 8.2 The Relationship Between Income and Health: Heart Disease Death Rates Among Adults Aged 25–64 Years
- 8.3 The Relationship Between Education and Health: Selected Causes of Death for Adult Males Aged 25–64 Years
- 8.4 The Relationship Between Socioeconomic Status and Health
- 8.5 Income Inequality in 1999 Versus All-Cause Age-Adjusted (2000 Standard) Mortality in 1999
- 8.6 Fair or Poor Health Among Adults 18 Years of Age and Over
- 8.7 Elevated Blood Lead Among Men 18 Years of Age and Over
- 9.1 Overweight, Obesity, and Healthy Weight Among Persons Aged 20–74 in the United States, 1960–2000
- 9.2 Overweight, Obesity, and Healthy Weight Among Persons Aged 20–74, by Race/Ethnicity, 1999–2000
- 9.3 Smoking Prevalence and Race/Ethnicity Among U.S. Men, 1999–2001
- 9.4 Smoking Prevalence and Race/Ethnicity Among U.S. Women, 1999–2001
- 9.5 Alcohol Consumption Among Persons Aged 18 and Over, by Race/Ethnicity, 2001
- 9.6 Age-Adjusted Death Rates from Alcohol-Related Liver Cirrhosis, 1970–2000

- 9.7 Percentage of Persons Aged 12 Years and Older Reporting Lifetime, Past-Year, and Past-Month Illicit Drug Use, 2000–2001
- 9.8 Influenza and Pneumococcal Vaccination Among Adults Aged 65 Years and Older, by Race/Ethnicity, 1999–2001
- 9.9 Percentage of Women Aged 40 Years and Over Who Had a Mammogram Within the Past Two Years, 2000
- 9.10 Percentage of Women Aged 18 Years and Over Who Had a Pap Smear Within the Past Three Years, 2000
- 9.11 Delay in Seeking Care Among Patients Experiencing Symptoms of Acute Myocardial Infarction, by Race
- 9.12 Attitudes Toward Patients with HIV/AIDS, 1991–1999
- 10.1 Cumulative HIV Cases as of December 2002, by Race/Ethnicity
- 10.2 Age-Adjusted HIV/AIDS Mortality Rates, by Race/Ethnicity, 2001
- 10.3 Age-Adjusted Homicide Rates, by Race/Ethnicity, 2001
- 10.4 Age-Specific Homicide Rate for African American Men, 2001
- 10.5 Age-Adjusted Prevalence of Overweight and Obesity Among Persons Aged 20 Years and Older, by Race/Ethnicity and Sex
- 10.6 Current Cigarette Smoking, by Age and Race/Ethnicity, 2001
- 11.1 The Ten Largest American Indian Tribal Groupings, 2000
- 11.2 Largest Alaska Native Tribal Groupings, 2000
- 11.3 Percentage of American Indians in Poverty, 1995
- 11.4 Per Capita Income Among American Indians, 1995
- 11.5 English-Language Proficiency Among American Indians, 1995
- 11.6 Age-Specific Death Rates due to Accident (Unintentional Injury), by Race/Ethnicity, 2001
- 11.7 Age-Specific Suicide (Intentional Injury) Death Rates, by Race/Ethnicity, 2001
- 12.1 Diversity of the Asian/Pacific Islander Population of the United States, 2000
- 12.2 Diversity of the Native Hawaiian and Pacific Islander Population of the United States, 2000
- 12.3 Suicidal and Death Ideations Among Patients in VA Medical Centers
- 12.4 Patient-Doctor Communication in the Commonwealth Fund Minority Health Survey, 2001
- 12.5 Current Use of Alcohol, Tobacco, and Other Drugs Among Chinese, Filipino, Japanese, Pacific Islander, and White Ninth Graders
- 13.1 Country of Origin of the U.S. Hispanic Population, 2000
- 13.2 Birth Outcomes of Mexican-Born, U.S.-Born Mexican American, and White Non-Latina Women in California
- 13.3 Hispanic/White Mortality Rate Ratios for Selected Causes of Death, 2001
- 14.1 Determinants of Health Status
- 14.2 Health Care Disparities and Health Disparities
- 14.3 Barriers to and Mediators of Equitable Health Care for Racial and Ethnic Groups