Population Growth 1990 - 2000
Connecticut Subpopulation Groups

Source: CT DPH, Health Information Systems and Reporting Division

<table>
<thead>
<tr>
<th>Race / Ethnicity</th>
<th>1990</th>
<th>2000</th>
<th># Change</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>2,756,868</td>
<td>2,672,622</td>
<td>- 84,246</td>
<td>- 3.1%</td>
</tr>
<tr>
<td>Black</td>
<td>261,934</td>
<td>314,642</td>
<td>+ 52,708</td>
<td>+ 20.1%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>213,116</td>
<td>320,323</td>
<td>+107,207</td>
<td>+ 50.3%</td>
</tr>
<tr>
<td>Asian/ PI</td>
<td>49,238</td>
<td>88,890</td>
<td>+ 39,652</td>
<td>+ 80.5%</td>
</tr>
<tr>
<td>Native American</td>
<td>5,960</td>
<td>9,088</td>
<td>+ 3,128</td>
<td>+ 52.5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>3,287,116</td>
<td>3,405,565</td>
<td>+ 118,449</td>
<td>+ 3.6%</td>
</tr>
</tbody>
</table>

**Source:** CT DPH, Health Information Systems & Reporting Division
Health Care Access
African American Residents of Connecticut (2002)

Do you have any kind of health care coverage?

Yes  82.8%*
No   17.2%

* Significantly fewer African Americans responded “yes” compared with white residents, but significantly more African Americans responded “yes” compared with Hispanic residents.

Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System
No Health Care Coverage
Connecticut Residents, 2002

CT Residents by Race & Ethnicity

Estimated Percentage

All  White  Black  Hispanic

Connecticut Department of Public Health
Bureau of Community Health
Overall Health Status\textsuperscript{1}


Good or Better 87.6\%*  
Fair or Poor 11.3\%

\textsuperscript{1} Based on the question “Would you say that in general your health is excellent, very good, good, fair, or poor?”

* Not significantly different from white residents’ but significantly better than Hispanic residents’ self-report.

Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System
### Leading Causes of Death for African American Residents of Connecticut (1999-2001)

<table>
<thead>
<tr>
<th>Cause</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heart Disease</td>
<td>1</td>
</tr>
<tr>
<td>Cancer</td>
<td>2</td>
</tr>
<tr>
<td>Unintentional Injuries</td>
<td>3</td>
</tr>
<tr>
<td>Cerebrovascular Disease</td>
<td>4</td>
</tr>
<tr>
<td>HIV Disease</td>
<td>5</td>
</tr>
<tr>
<td>Diabetes Mellitus</td>
<td>6</td>
</tr>
</tbody>
</table>

**Source:** CT Department of Public Health, Vital Records Mortality Files
Leading Causes of Death (ranked according to number of deaths) Connecticut Residents, 1999-2001

<table>
<thead>
<tr>
<th>Rank</th>
<th>All</th>
<th>White</th>
<th>African American/Black</th>
<th>Hispanic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Heart disease</td>
<td>Heart disease</td>
<td>Heart disease</td>
<td>Heart disease</td>
</tr>
<tr>
<td>2</td>
<td>Cancer</td>
<td>Cancer</td>
<td>Cancer</td>
<td>Cancer</td>
</tr>
<tr>
<td>3</td>
<td>Cerebrovascular Disease</td>
<td>Cerebrovascular Disease</td>
<td>Unintentional Injuries</td>
<td>Unintentional Injuries</td>
</tr>
<tr>
<td>4</td>
<td>Chronic Lower Respiratory Disease</td>
<td>Chronic Lower Respiratory Disease</td>
<td>Cerebrovascular Disease</td>
<td>HIV</td>
</tr>
<tr>
<td>5</td>
<td>Unintentional Injuries</td>
<td>Unintentional Injuries</td>
<td>HIV</td>
<td>Cerebrovascular Disease</td>
</tr>
<tr>
<td>6</td>
<td>Pneumonia &amp; Influenza</td>
<td>Pneumonia &amp; Influenza</td>
<td>Diabetes</td>
<td>Diabetes</td>
</tr>
</tbody>
</table>
Age-Adjusted Death Rates for Heart Disease
Connecticut Residents, 1999 -2001

CT Residents by Race & Ethnicity

Age-adjusted rate per 100,000

Connecticut Department of Public Health
Bureau of Community Health
Age-Adjusted Death Rates for Cancer
Connecticut Residents, 1999 -2001

CT Residents by Race & Ethnicity

All
White
Black
Hispanic
Age-Adjusted Death Rates for Unintentional Injury
Connecticut Residents, 1999 -2001

CT Residents by Race & Ethnicity

All
White
Black
Hispanic

Age-adjusted rate per 100,000

0
10
20
30
40

Connecticut Department of Public Health
Bureau of Community Health
Age-Adjusted Death Rates for Cerebrovascular Disease
Connecticut Residents, 1999 - 2001

CT Residents by Race & Ethnicity

Age-adjusted rate per 100,000

All  White  Black  Hispanic

Connecticut Department of Public Health
Bureau of Community Health
Age-Adjusted Death Rates for HIV Connecticut Residents, 1999 -2001

Connecticut Department of Public Health
Bureau of Community Health
New AIDS Cases, AIDS Deaths, and People Living with AIDS,
By Year, Connecticut Data through December 31, 2003
Connecticut AIDS Cases: Race by year of report
Data through December 31, 2003

Year of Report

% of Cases by Race

race | *** Black | Hispanic | White
--- | --- | --- | ---
1990 |  | | |
1991 | | | |
1992 | | | |
1993 | | | |
1994 | | | |
1995 | | | |
1996 | | | |
1997 | | | |
1998 | | | |
1999 | | | |
2000 | | | |
2001 | | | |
2002 | | | |
2003 | | | |
Deaths in Connecticut People with AIDS by Year of Death and Race/Ethnicity 1994-2003

![Graph showing deaths in Connecticut with AIDS by year of death and race/ethnicity from 1994 to 2003. The graph displays data for White, Black, and Hispanic populations.](image-url)
## Comparing HIV and AIDS cases, Connecticut, 2002

<table>
<thead>
<tr>
<th></th>
<th>HIV</th>
<th>AIDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>374</td>
<td>626</td>
</tr>
<tr>
<td>Female</td>
<td>43%</td>
<td>31%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>40%</td>
<td>32%</td>
</tr>
<tr>
<td>Black</td>
<td>28%</td>
<td>27%</td>
</tr>
<tr>
<td>White</td>
<td>31%</td>
<td>41%</td>
</tr>
<tr>
<td>Risk unk</td>
<td>48%</td>
<td>35%</td>
</tr>
</tbody>
</table>
Age-Adjusted Death Rates for Diabetes
Connecticut Residents, 1999 -2001

CT Residents by Race & Ethnicity

All  White  Black  Hispanic

Age-adjusted rate per 100,000
Age-Adjusted Death Rates for Homicide Connecticut Residents, 1999 -2001

CT Residents by Race & Ethnicity

Connecticut Department of Public Health
Bureau of Community Health

- Relative risk of premature death (< 75) due to:
  - Diabetes 2.9
  - Cerebrovascular Disease 2.6
  - Heart Disease 2.0
  - Cancer 1.4

Source: CT Department of Public Health, Vital Records Mortality Files

- Relative risk of premature death (< 75) due to:
  - HIV 15.3
  - Homicide 11.8
  - Unintentional Injury 1.6

Source: CT Department of Public Health, Vital Records Mortality Files
Changes in Age-Adjusted Mortality Rates

- Significant decreases for Black males:
  - All Causes of Death
  - Cerebrovascular Disease
  - Heart Disease
  - COPD

- There were no significant increases in mortality rates for Black males among any of the leading causes of death.

Source: CT Department of Public Health, Vital Records Mortality Files
Changes in Age-Adjusted Mortality Rates
African American Residents of Connecticut
(1989-1998)

• Significant increase for Black females:
  – Congestive Heart Failure
• There were no significant decreases in mortality rates for Black females among any of the leading causes of death.
• There were no other significant changes in mortality rates for Black females during the 1990s.

Source: CT Department of Public Health, Vital Records Mortality Files

- Relative risk of the incidence of:
  - Syphilis: 5.9
  - Gonorrhea: 34.6
  - Chlamydia: 21.5

Source: CT DPH, Bureau of Community Health, Infectious Diseases Division
P&S Syphilis Incidence Rates
Connecticut Residents, 1999 -2003

Rate per 100,000 Population

CT Residents by Race & Ethnicity

Connecticut Department of Public Health
Bureau of Community Health
Primary & Secondary Syphilis Cases Overall and Among Blacks, CT 1985 - 2003

Source: CT STD Control Program
Gonorrhea Incidence Rates
Connecticut Residents, 1999 -2003

Rate per 100,000 Population

CT Residents by Race & Ethnicity

Connecticut Department of Public Health
Bureau of Community Health

Source: CT STD Control Program
Chlamydia Incidence Rates
Connecticut Residents, 1999 - 2003

CT Residents by Race & Ethnicity

Rate per 100,000 Population

Connecticut Department of Public Health
Bureau of Community Health

Source: CT STD Control Program
5-Year Annual Average TB Case Rates by Race-ethnicity, CT 1985-2003

* Projected thru ’04 based on ’00-03 annual average

Relative risk of poor birth outcomes:

- Infant death rates (2002): 2.7
- Percentage of late or no prenatal care (2002): 2.3
- Percentage of low birth weight births (2002): 1.9
- Percentage of teen births (2003): 4.2

Source: CT DPH Vital Records Birth Files
Infant Death Rate
Connecticut Residents, 2001

CT Residents by Race & Ethnicity

Per 1,000 Live Births

0 5 10 15 20

All  White  Black  Hispanic

Connecticut Department of Public Health
Bureau of Community Health
Late or No Prenatal Care
Connecticut Residents, 2002

CT Residents by Race & Ethnicity

Percentage

All  White  Black  Hispanic
Teen Births (Under 20 Years of Age)  
Connecticut Residents, 2003

CT Residents by Race & Ethnicity

- All
- White
- Black
- Hispanic

Percentage

0 5 10 15 20

Connecticut Department of Public Health  
Bureau of Community Health

<table>
<thead>
<tr>
<th>Cases/100,000</th>
<th>1998-99</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>All Children</strong></td>
<td>111.1</td>
<td>25.2</td>
</tr>
<tr>
<td>&lt; 2 y.o.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black Race</td>
<td>249</td>
<td>21</td>
</tr>
<tr>
<td>White Race</td>
<td>86</td>
<td>21</td>
</tr>
<tr>
<td><strong>B/W Risk Difference</strong></td>
<td>163</td>
<td>0</td>
</tr>
</tbody>
</table>
**ROAD MAP TO HEALTH**

**Challenges for Communities**

- Conduct community health inventories
- Identify emerging health issues
- Advocate for community-based health needs by:
  - organizing at the neighborhood level;
  - gathering relevant data;
  - encouraging legislative action;
  - partnering with public and private sector;
ROAD MAP TO HEALTH

Challenges for the Health Care System

• Policy
• Staff Training
• Workforce Diversity
• Communication Strategies
• Community Partnership
• Data Collection
ROAD MAP TO HEALTH

Challenges for Providers

• Communication
  – Style
  – Interview skills
  – Language concordance

• Values and Assumptions

• Cultural Competence

• Workforce Diversity
ROAD MAP TO HEALTH

Challenges for Consumers

- Understanding the Health Care System
- Knowing risk factors for disease
- Participating with providers in personal health care
- Attitudes, beliefs, and knowledge