Healthy People Data: Transitioning from 2010 to 2020

LCDR David T. Huang, PhD, MPH, CPH
Health Promotion Statistics Branch
Office of Analysis and Epidemiology
National Center for Health Statistics

August 7, 2012
Role of the National Center for Health Statistics

• Serves as statistical advisor to HHS, 42 Healthy People Topic Area Workgroups, and Federal Interagency Workgroup
  – Healthy People, National Prevention Strategy, etc.
• Maintains comprehensive database of all Healthy People objective data
• Coordinates monitoring of Healthy People goals/objectives
• Develops research on measuring the overarching goals of Healthy People
• Develops analytic and graphical presentations to track HP goals and objectives, including Progress Reviews
Healthy People 2010 Final Review

OVERVIEW
## HP2010 Focus Areas

1. Access to Quality Health Services  
2. Arthritis, Osteoporosis, and Chronic Back Conditions  
3. Cancer  
4. Chronic Kidney Disease  
5. Diabetes  
6. Disability and Secondary Conditions  
7. Educational and Community-Based Programs  
8. Environmental Health  
9. Family Planning  
10. Food Safety  
11. Health Communication  
12. Heart Disease and Stroke  
13. HIV  
14. Immunization and Infectious Diseases  
15. Injury and Violence Prevention  
16. Maternal, Infant, and Child Health  
17. Medical Product Safety  
18. Mental Health and Mental Disorders  
19. Nutrition and Overweight  
20. Occupational Safety and Health  
21. Oral Health  
22. Physical Activity and Fitness  
23. Public Health Infrastructure  
24. Respiratory Disease  
25. Sexually Transmitted Diseases  
26. Substance Abuse  
27. Tobacco Use  
28. Vision and Hearing

SOURCE: Healthy People 2010 Final Review.
### Leading Health Indicators (LHI's)

<table>
<thead>
<tr>
<th>Physical Activity</th>
<th>Mental Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderate/vigorous physical activity among adults</td>
<td>Suicides</td>
</tr>
<tr>
<td>Vigorous physical activity among adolescents</td>
<td>Treatment of adults with depression</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Overweight and Obesity</th>
<th>Injury and Violence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Obesity in adults</td>
<td>Deaths from motor vehicle crashes</td>
</tr>
<tr>
<td>Obesity in children and adolescents</td>
<td>Homicides</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tobacco Use</th>
<th>Environmental Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cigarette smoking among adults</td>
<td>Exposure to ozone</td>
</tr>
<tr>
<td>Cigarette smoking among adolescents</td>
<td>Children’s exposure to tobacco smoke at home</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance Abuse</th>
<th>Immunization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adolescents not using alcohol or illicit drugs</td>
<td>Fully immunized young children</td>
</tr>
<tr>
<td>Adults using illicit drugs</td>
<td>Influenza &amp; pneumonia vaccination of older adults</td>
</tr>
<tr>
<td>Adult binge drinking</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsible Sexual Behavior</th>
<th>Access to Health Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condom use by sexually active unmarried persons</td>
<td>Persons with health insurance</td>
</tr>
<tr>
<td>Adolescent sexual behavior</td>
<td>Persons with a source of ongoing care</td>
</tr>
</tbody>
</table>

**SOURCE:** Healthy People 2010 Final Review.
Objective status at Final Review

Total objectives:  
N = 969

Objectives with tracking data:  
N = 733

- N=173 24% Met or exceeded target
- N=349 48% Moved toward target
- N=172 23% Moved away from target
- N=39 5% Demonstrated no change
- N=66 6.8% Could not be assessed
- N=170 17.5% Deleted at Midcourse Review

SOURCE: Healthy People 2010 Final Review.
Progress at Final Review by Focus Area

Total objectives: N = 696

- Could not be assessed
- Deleted at Midcourse Review
- Demonstrated no change
- Moved away from target
- Met or exceeded target
- Moved toward target

SOURCE: Healthy People 2010 Final Review.
### Progress Chart’ excerpt for LHI’s

**LEGEND**
- Red: Moved away from target
- Blue: Moved toward target
- Green: Met or exceeded target

<table>
<thead>
<tr>
<th>Objective</th>
<th>Percent of targeted change achieved</th>
<th>2010 Target</th>
<th>Baseline (Year)</th>
<th>Final (Year)</th>
<th>Baseline vs. Final</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical Activity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22-2. Regular physical activity—Moderate or vigorous (age adjusted, 18+ years)</td>
<td>0.0%</td>
<td>50%</td>
<td>32% (1997)</td>
<td>32% (2008)</td>
<td>0 No 0.0%</td>
</tr>
<tr>
<td>22-7. Vigorous physical activity in students (grades 9–12)</td>
<td>15.0%</td>
<td>85%</td>
<td>65% (1999)</td>
<td>68% (2009)</td>
<td>3 No 4.6%</td>
</tr>
<tr>
<td><strong>Overweight and Obesity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19-2. Obesity in adults (age adjusted, 20+ years)</td>
<td>Red</td>
<td>15%</td>
<td>23% (1988–94)</td>
<td>34% (2005–08)</td>
<td>11 Yes 47.8%</td>
</tr>
<tr>
<td>19-3c. Obesity in children and adolescents (6–19 years)</td>
<td>Red</td>
<td>5%</td>
<td>11% (1988–94)</td>
<td>18% (2005–08)</td>
<td>7 Yes 63.6%</td>
</tr>
<tr>
<td><strong>Tobacco Use</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27-1a. Cigarette use by adults (age adjusted, 18+ years)</td>
<td>Blue</td>
<td>25.0%</td>
<td>12% (1998)</td>
<td>24% (2008)</td>
<td>-3 Yes -12.5%</td>
</tr>
<tr>
<td>27-2b. Cigarette use in past month by students (grades 9–12)</td>
<td>Blue</td>
<td>84.2%</td>
<td>16% (1999)</td>
<td>35% (2009)</td>
<td>-16 Yes -45.7%</td>
</tr>
</tbody>
</table>

*SOURCE: Healthy People 2010 Final Review.*
### Injury and Violence

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2000</th>
<th>2005</th>
<th>2010</th>
<th>2010 change</th>
<th>Status</th>
<th>2010 change</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-15a. Deaths from motor vehicle crashes (age adjusted, per 100,000 population)</td>
<td>13.4%</td>
<td>8.0%</td>
<td>14.7%</td>
<td>-6.1%</td>
<td>Yes</td>
<td>1.7%</td>
</tr>
<tr>
<td>15-32. Homicides (age adjusted, per 100,000 population)</td>
<td>2.8%</td>
<td>6.0%</td>
<td>6.1%</td>
<td>-0.1%</td>
<td>No</td>
<td>1.7%</td>
</tr>
</tbody>
</table>

### Environmental Quality

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2000</th>
<th>2005</th>
<th>2010</th>
<th>2010 change</th>
<th>Status</th>
<th>2010 change</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-1a. Percent of persons exposed to ozone</td>
<td>16.3%</td>
<td>0%</td>
<td>43%</td>
<td>-7%</td>
<td>Not tested</td>
<td>-16.3%</td>
</tr>
<tr>
<td>27-9. Exposure to tobacco smoke at home among children (≤6 years)*</td>
<td>111.8%</td>
<td>10%</td>
<td>27%</td>
<td>-19%</td>
<td>Yes</td>
<td>-70.4%</td>
</tr>
<tr>
<td>27-10. Exposure to environmental tobacco smoke among nonsmokers (age adjusted, 4+ years)</td>
<td>153.6%</td>
<td>56%</td>
<td>84%</td>
<td>-43%</td>
<td>Yes</td>
<td>-51.2%</td>
</tr>
</tbody>
</table>

### Immunization

<table>
<thead>
<tr>
<th>Indicator</th>
<th>2000</th>
<th>2005</th>
<th>2010</th>
<th>2010 change</th>
<th>Status</th>
<th>2010 change</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-24a. Fully immunized young children 19–35 months</td>
<td>71.4%</td>
<td>80%</td>
<td>73%</td>
<td>6.8%</td>
<td>Yes</td>
<td>6.8%</td>
</tr>
<tr>
<td>14-29. Vaccination of noninstitutionalized high-risk older adults (age adjusted, 65+ years)</td>
<td>11.5%</td>
<td>90%</td>
<td>64%</td>
<td>4.7%</td>
<td>Yes</td>
<td>4.7%</td>
</tr>
<tr>
<td>a. Influenza vaccine in past 12 months</td>
<td></td>
<td>90%</td>
<td>64%</td>
<td>6.7%</td>
<td>Yes</td>
<td>3.0%</td>
</tr>
<tr>
<td>b. Pneumococcal vaccine ever received</td>
<td></td>
<td>90%</td>
<td>46%</td>
<td>30.4%</td>
<td>Yes</td>
<td>14.0%</td>
</tr>
</tbody>
</table>

**SOURCE:** Healthy People 2010 Final Review.
Two overarching goals: Goal 1

- Goal 1: Increase the quality and years of healthy life
- Goal 2: Eliminate health disparities across
  - Race and ethnicity
  - Sex
  - Educational attainment
  - Income
  - Geographic location
  - Disability status
  - Sexual orientation

SOURCE: Healthy People 2010 Final Review.
Healthy life expectancy at birth

NOTES: Measures of healthy life expectancy combine life expectancy with a measure of health status. Life expectancy is decremented by some aspect of health on a factor between 0 and 1. For the data shown here, health status is assessed by the respondent.

SOURCES: National Health Interview Survey (NHIS), CDC, NCHS; National Vital Statistics System (NVSS), CDC, NCHS.
Healthy life expectancy at age 65

NOTES: Measures of healthy life expectancy combine life expectancy with a measure of health status. Life expectancy is decremented by some aspect of health on a factor between 0 and 1. For the data shown here, health status is assessed by the respondent.

SOURCES: National Health Interview Survey (NHIS), CDC, NCHS; National Vital Statistics System (NVSS), CDC, NCHS.
Two overarching goals: Goal 2

• Goal 1: Increase the quality and years of healthy life

• Goal 2: Eliminate health disparities across
  – Race and ethnicity
  – Sex
  – Educational attainment
  – Income
  – Geographic location
  – Disability status
  – Sexual orientation

SOURCE: Healthy People 2010 Final Review.
Disparities by race and ethnicity

Percent of objectives in which population group had the “best” rate:

- Non-Hispanic white: 51%
- Non-Hispanic black: 20%
- Hispanic or Latino: 17%
- American Indian or Alaska Native: 6%

SOURCE: Healthy People 2010 Final Review.

Goal 2
Changes in disparities over the decade

• No significant change in health disparities by race and ethnicity for 117 (69%) of 169 objectives

• Of the 52 objectives with significant changes in disparities:
  – 27 showed a decrease of 10 percentage points or more
  – 25 showed an increase of 10 percentage points or more

SOURCE: Healthy People 2010 Final Review.
1. Significant progress toward achieving Healthy People 2010 objectives has been made over the decade.

2. Health disparities persist across the U.S. population.

3. Obesity remains an important challenge to monitor closely.

4. Data must be a priority.
Physical Activity
- Moderate/vigorous physical activity among adults
- Vigorous physical activity among adolescents

Overweight and Obesity
- Obesity in adults
- Obesity in children and adolescents

Tobacco Use
- Cigarette smoking among adults
- Cigarette smoking among adolescents

Substance Abuse
- Adolescents not using alcohol or illicit drugs
- Adults using illicit drugs
- Adult binge drinking

Responsible Sexual Behavior
- Condom use by sexually active unmarried persons
- Adolescent sexual behavior

Mental Health
- Suicides
- Treatment of adults with depression

Injury and Violence
- Deaths from motor vehicle crashes
- Homicides

Environmental Quality
- Exposure to ozone
- Children’s exposure to tobacco smoke at home
- Nonsmoker exposure to tobacco smoke

Immunization
- Fully immunized young children
- Influenza & pneumonia vaccination of older adults

Access to Health Care
- Persons with health insurance
- Persons with a source of ongoing care
- Hospitalizations for pediatric asthma
- Early prenatal care
HP2020 Leading Health Indicators (LHI's)

Access to Health Services
- Persons with health insurance
- Persons with a usual primary care provider

Clinical Preventive Services
- Colorectal cancer screening
- Hypertension under control
- Poor glycemic control
- Fully immunized young children

Environmental Quality
- Air quality index
- Children's exposure to tobacco smoke at home

Injury and Violence
- Fatal injuries
- Homicides

Maternal, Infant, and Child Health
- Infant deaths
- Preterm births

Mental Health
- Suicides
- Adolescents who experience Major Depressive Episode (MDE)

Nutrition, Physical Activity, and Obesity
- Physical activity / muscle strengthening among adults
- Obesity in adults
- Obesity in children and adolescents
- Total vegetable intake

Oral Health
- Oral health system use

Reproductive and Sexual Health
- Female reproductive health service use
- HIV serostatus knowledge

Social Determinants
- Graduation with a regular diploma 4 years after 9th grade

Substance Abuse
- Adolescents using alcohol or illicit drugs
- Adult binge drinking

Tobacco
- Cigarette smoking among adults
- Cigarette smoking among adolescents
**HP2010 Population Template**

**Race and ethnicity**
- **Sex**
- **Education level**
  - Less than high school
  - High school graduate
  - At least some college
- **Family income level**
  - Poor
  - Near poor
  - Middle/high income

**Optional**
- **Age**
- **Geographic location**
  - Urban/metropolitan
  - Rural/non-metropolitan
- **Disability status**
  - Persons with disabilities
  - Persons without disabilities
<table>
<thead>
<tr>
<th>Race and ethnicity</th>
<th>Family type</th>
<th>Health insurance status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age</td>
<td>Single, Married couple or partners, Two parent family with children, Single parent with children, Other</td>
<td>Insured, Any private, Public only, Uninsured</td>
</tr>
<tr>
<td>Sex</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Education level**
- Less than high school
- High school graduate
- At least some college
- Associates degree
- 4 year college degree
- Advanced degree

**Family income level (% Federal Poverty Limit)**
- <100
- 100-199
- 200-399
- 400-599
- 600+

**Country of birth**
- US
- Outside US

**Disability status**
- Persons with disabilities
- Persons without disabilities

**Geographic location**
- Metropolitan
- Non-metropolitan

**Select Populations**
- Sexual orientation
- People with chronic conditions
- People in nursing homes
- People in active military service
- People in prisons
- Marital status
- Veteran status
- Obesity status
## Progress

<table>
<thead>
<tr>
<th></th>
<th>HP2010</th>
<th>HP2020</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Targets</strong></td>
<td>All objectives have targets.</td>
<td>Informational objectives and Foundation Health Measures do not have targets.</td>
</tr>
</tbody>
</table>
| **Assessment** | • 2 rounds of progress reviews (in-person)  
• Midcourse Review (book)  
• Final Review (book + web) | • 1 round of progress reviews (web-based)  
• Midcourse Review (book? + web)  
• Final Review (book? + web) |
| **Measurement** | Percent of targeted change achieved                                     | Percent of targeted change achieved, complemented by supplemental measures for selected objectives (e.g., Leading Health Indicators) |
## Disparities

<table>
<thead>
<tr>
<th>Overarching Goal</th>
<th>HP2010</th>
<th>HP2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Eliminate health disparities</td>
<td>Achieve health equity, eliminate disparities, and improve the health of all groups</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disparity Targets</th>
<th>No separate disparities targets</th>
<th>No separate disparities targets</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Disparity Definition</th>
<th>Any difference in health – a quantity that separates a group from a reference point for a health indicator.</th>
<th>A particular type of health difference that is closely linked with social or economic disadvantage.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Relative disparity: percent difference from the “best” group rate</th>
<th>Comparable methods to the ones used in HP2010, complemented by supplemental measures for selected objectives (e.g., Leading Health Indicators)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Change in disparity over time: difference between relative disparities</td>
<td></td>
</tr>
</tbody>
</table>
Healthy People Data Sources

• About 45% of objectives were measured by four NCHS data sources:
  – National Health Interview Survey (NHIS)
  – National Health and Nutrition Examination Survey (NHANES)
  – National Vital Statistics System—Mortality (NVSS-M)
  – National Survey of Family Growth (NSFG)

• Remaining 55% were measured by more than 150 other data sources

• Many objectives lack critical demographic specificity
Healthy People 2010 and 2020

TARGET SETTING
## HP2010 Target-Setting Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>No. (%) measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Better than the best racial/ethnic group</td>
<td>325 (44.3)</td>
</tr>
<tr>
<td>Percent improvement</td>
<td>210 (28.6)</td>
</tr>
<tr>
<td>Total coverage or elimination</td>
<td>64 (8.7)</td>
</tr>
<tr>
<td>Consistent with another program</td>
<td>39 (5.3)</td>
</tr>
<tr>
<td>Projection of trend</td>
<td>25 (3.4)</td>
</tr>
<tr>
<td>Percentage point improvement</td>
<td>22 (3.0)</td>
</tr>
<tr>
<td>Expert opinion</td>
<td>30 (4.1)</td>
</tr>
<tr>
<td>Retain year 2000 target</td>
<td>13 (1.8)</td>
</tr>
<tr>
<td>No increase from baseline</td>
<td>5 (0.7)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>733 (100)</strong></td>
</tr>
</tbody>
</table>

**NOTE:** Includes measurable objectives (n=733) that had at least 2 data points for the HP2010 Final Review.
### Objective 27-1a: Cigarette smoking among adults

<table>
<thead>
<tr>
<th>Race/ethnicity</th>
<th>Baseline (1998)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>24%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>35%</td>
</tr>
<tr>
<td>Asian</td>
<td>13%</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>29%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>25%</td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>25%</td>
</tr>
</tbody>
</table>

**SOURCE:** National Health Interview Survey (NHIS), CDC, NCHS
Objective 27-1a: Cigarette smoking among adults

<table>
<thead>
<tr>
<th>Race/ethnicity</th>
<th>Baseline (1998)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>24%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>35%</td>
</tr>
<tr>
<td>Asian</td>
<td>13%</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>29%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>25%</td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>25%</td>
</tr>
</tbody>
</table>

SOURCE: National Health Interview Survey (NHIS), CDC, NCHS
# Objective 27-1a: Cigarette smoking among adults

<table>
<thead>
<tr>
<th>Race/ethnicity</th>
<th>Baseline (1998)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>24%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>35%</td>
</tr>
<tr>
<td>Asian</td>
<td>13%</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>29%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>25%</td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>25%</td>
</tr>
</tbody>
</table>

**Source:** National Health Interview Survey (NHIS), CDC, NCHS
## Objective 27-1a: Cigarette smoking among adults

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>24%</td>
<td>21%</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>35%</td>
<td>24%</td>
</tr>
<tr>
<td>Asian</td>
<td>13%</td>
<td>10%</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>29%</td>
<td>15%</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>25%</td>
<td>21%</td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>25%</td>
<td>23%</td>
</tr>
</tbody>
</table>

**SOURCE:** National Health Interview Survey (NHIS), CDC, NCHS
Objective status at Final Review

Total objectives: N = 969

- N=66 (6.8%) Could not be assessed
- N=170 (17.5%) Demonstrated no change
- N=39 (5%) Moved away from target
- N=173 (24%) Met or exceeded target
- N=349 (48%) Moved toward target
- N=172 (23%) Deleted at Midcourse Review

Objectives with tracking data: N = 733

- N=66 (6.8%)
- N=170 (24%)
- N=39 (5%)
- N=172 (23%)
- N=349 (48%)

SOURCE: Healthy People 2010 Final Review.
NOTE: Includes measurable objectives and subobjectives (n=635) that have at least 2 data points during the decade as of August 2009.
### HP2020 Target-Setting Methods

<table>
<thead>
<tr>
<th>Method</th>
<th>No. (%) measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Desired/ Recommended Approach</strong></td>
<td></td>
</tr>
<tr>
<td>Modeling/ Projection/ Trend Analysis</td>
<td>65 (7.3)</td>
</tr>
<tr>
<td>Evidence-based</td>
<td>10 (1.1)</td>
</tr>
<tr>
<td><strong>2. Standard default : 10% improvement</strong></td>
<td>578 (64.6)</td>
</tr>
<tr>
<td><strong>3. Alternative/ Other</strong></td>
<td></td>
</tr>
<tr>
<td>Total coverage or elimination</td>
<td>66 (7.4)</td>
</tr>
<tr>
<td>Consistent with national programs, policies, etc.</td>
<td>58 (6.5)</td>
</tr>
<tr>
<td>Other specific percent change</td>
<td>43 (4.8)</td>
</tr>
<tr>
<td>Minimal statistically significant change</td>
<td>21 (2.3)</td>
</tr>
<tr>
<td>Retention of HP2010 target</td>
<td>16 (1.8)</td>
</tr>
<tr>
<td>Maintain current level / no change</td>
<td>13 (1.5)</td>
</tr>
<tr>
<td>Tracked for informational purposes only</td>
<td>17 (1.9)</td>
</tr>
<tr>
<td>Other</td>
<td>8 (0.9)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>895 (100)</td>
</tr>
</tbody>
</table>

**NOTE:** Includes non-developmental objectives (n=895) that had a target setting method listed as of December 2011.
**Objective C-1:** Overall cancer death rate (per 100,000)

<table>
<thead>
<tr>
<th>Race/ethnicity</th>
<th>Baseline (2006)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>180.7</td>
</tr>
<tr>
<td>American Indian or Alaska Native</td>
<td>119.4</td>
</tr>
<tr>
<td>Asian or Pacific Islander</td>
<td>106.5</td>
</tr>
<tr>
<td>Hispanic or Latino</td>
<td>118.0</td>
</tr>
<tr>
<td>Non-Hispanic Black</td>
<td>221.7</td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>184.6</td>
</tr>
</tbody>
</table>

HP2020 Target: 162.6

SOURCE: National Vital Statistics System – Mortality (NVSS-M), CDC, NCHS
HEALTHY PEOPLE 2020 DATA DISPLAY
DATA2010 (HP2010 Data)

http://wonder.cdc.gov/data2010
HP2020 Data Flow

HP2020 Data

Healthy People 2020
healthypeople.gov

HEALTH INDICATORS WAREHOUSE
healthindicators.gov
Healthy People
http://www.healthypeople.gov
Welcome to the Health Indicators Warehouse (HIW)

Indicators in the HIW are categorized by topic, geography, and initiative. Select your starting point for exploring indicators in the HIW.

- **by Topic**: Each indicator in the HIW is associated with one or more topic areas, such as disease, condition, age group or sociodemographic characteristics.
- **by Geography**: Most of the indicators in the HIW have national level data. Many indicators also have data available by state, county, and hospital referral regions.
- **by Initiative**: The HIW contains indicators derived from and in support of several state and federal health indicator initiatives.

**What's New**

30 MAY  Release of Version 1.5.2

In this latest release of the HIW, on May 29, 2012, we have added the ability to download not only all data for...
### Heart Disease and Stroke

**Objectives:** Increase overall cardiovascular health in the U.S. population

#### HDS-1: Increase overall cardiovascular health in the U.S. population

<table>
<thead>
<tr>
<th>Population</th>
<th>2007</th>
<th>2010</th>
<th>2009</th>
<th>2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>16,407</td>
<td>15,340</td>
<td>15,943</td>
<td>16,349</td>
</tr>
<tr>
<td>Female</td>
<td>6,622</td>
<td>5,899</td>
<td>6,791</td>
<td>5,711</td>
</tr>
<tr>
<td>Age of Pacific Islander</td>
<td>1,911</td>
<td>1,385</td>
<td>2,570</td>
<td>3,201</td>
</tr>
<tr>
<td>Other</td>
<td>1,134</td>
<td>1,063</td>
<td>1,152</td>
<td>1,027</td>
</tr>
</tbody>
</table>

**Data Source:** HealthyPeople.gov

**Note:** This page is a draft and under review.
Challenges and Future Opportunities

• Many objectives lack demographic specificity
  – Difficult to measure and assess disparities between population groups
  – Catalyst for more robust data collection

• Objectives are measured and tracked using over 150 diverse data sources
  – Home agencies include federal and non-governmental, health and non-health
  – Significant data coordination and integration challenges and opportunities
## Acknowledgements

**Rebecca Hines,**  
Chief, Health Promotion Statistics Branch

<table>
<thead>
<tr>
<th>Lesley Dobrzynski</th>
<th>Jeff Pearcy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob Francis</td>
<td>Cheryl Rose</td>
</tr>
<tr>
<td>Leda Gurley</td>
<td>Asel Ryskulova</td>
</tr>
<tr>
<td>Kimberly Hurvitz</td>
<td>Makram Talih</td>
</tr>
<tr>
<td>Elizabeth Jackson</td>
<td>Ritu Tuteja</td>
</tr>
<tr>
<td>Bruce Jonas</td>
<td>Jean Williams</td>
</tr>
<tr>
<td>Deepthi Kandi</td>
<td>Sirin Yaemsiri</td>
</tr>
<tr>
<td>Insun Kim</td>
<td></td>
</tr>
</tbody>
</table>

**Special Thanks to Richard Klein, NCHS,**  
Chief, Health Promotion Statistics Branch (retired)
Key Websites

• Main Healthy People:  [www.healthypeople.gov](http://www.healthypeople.gov)

• NCHS/Healthy People:
  [www.cdc.gov/nchs/healthy_people.htm](http://www.cdc.gov/nchs/healthy_people.htm)

• Health Indicators Warehouse:
  [www.healthindicators.gov](http://www.healthindicators.gov)
Stay Connected

JOIN THE HEALTHY PEOPLE LISTSERV & CONSORTIUM

WEB

EMAIL

TWITTER

LINKEDIN

YOUTUBE

healthypeople.gov

hp2020@hhs.gov

@gohealthypeople

Healthy People 2020

USGOVHHS
[search “healthy people”]