Healthy People 2020: A Methodological Approach

2010 National Conference on Health Statistics

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Presentation Overview

- Role of NCHS
- Selection criteria for objectives
- Healthy People population categories
- Target setting
- Data challenges
Role of NCHS

• **Statistical advisor** to HHS and the focus area workgroups on health promotion data
• Maintains comprehensive **database** for all the Healthy People objectives
• Develops research on measuring the **overarching goals** of Healthy People
• Develops tabular and **graphical presentations** to display progress towards reaching the goals/objectives
Selection Criteria for Objectives

- Data-driven
- Measurable at least at the national level
- Based on sound scientific evidence
- Prevention oriented
- Important & understandable to a broad audience
- Address population disparities
HP2010 Population Categories

Race:
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Other Pacific Islander
- Black or African American
- White

Hispanic origin and race:
- Hispanic or Latino
- Not Hispanic or Latino
  - Black or African American
  - White

Socioeconomic Status:
- Family Income Level
  - Poor
  - Near poor
  - Middle/high income
- Education Level
  - Less than high school
  - High school graduate
  - At least some college

Sex:
- Female
- Male
HP2020 Population Categories

Retained from HP2010

- Race and ethnicity
- Sex
- Disability status
- Age
- Geographic location
- People with chronic conditions
- Sexual orientation
- Health insurance status
- People in nursing homes

New

- Family type
- Country of birth
- People in active military service
- People in prisons
- Marital status
- Veteran status
- Obesity status
# HP2020 Population Categories

## Expanded from HP2010

<table>
<thead>
<tr>
<th>Education level</th>
<th>Family income level (percent Federal Poverty Limit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than high school</td>
<td>&lt;100</td>
</tr>
<tr>
<td>High school graduate</td>
<td>100-199</td>
</tr>
<tr>
<td>At least some college</td>
<td>200-399</td>
</tr>
<tr>
<td>Associates degree</td>
<td>400-599</td>
</tr>
<tr>
<td>4 year college degree</td>
<td>600+</td>
</tr>
<tr>
<td>Advanced degree</td>
<td></td>
</tr>
</tbody>
</table>
### 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>291 (45.8)</td>
</tr>
<tr>
<td>Percent improvement</td>
<td>191 (30.1)</td>
</tr>
<tr>
<td>Total coverage or elimination</td>
<td>60 (9.4)</td>
</tr>
<tr>
<td>Consistent with another program</td>
<td>29 (4.6)</td>
</tr>
<tr>
<td>Projection of trend</td>
<td>25 (3.9)</td>
</tr>
<tr>
<td>Expert opinion</td>
<td>19 (3.0)</td>
</tr>
<tr>
<td>Retain year 2000 target</td>
<td>15 (2.4)</td>
</tr>
<tr>
<td>No increase from baseline</td>
<td>5 (0.8)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>635 (100)</strong></td>
</tr>
</tbody>
</table>

**NOTE:** Includes measurable objectives and subobjectives (n=635) that have at least 2 data points during the decade as of Quarter 4, 2009.
Overall Healthy People 2010 Progress

NOTE: Includes measurable objectives and subobjectives (n=635) that have at least 2 data points during the decade as of Quarter 4, 2009. Categories do not take into account statistical significance, which will be considered in the HP2010 Final Review.
NOTE: Includes measurable objectives and subobjectives (n=635) that have at least 2 data points during the decade as of Quarter 4, 2009.
HP2020 Target Setting

• Guidance:

• targets need to be more realistic, systematic and transparent than HP2010 targets
HP2020 Target-Setting Methodologies

- **Preferred**
  - modeling/projection – scientific basis
- **Default**
  - 10 percent improvement over baseline
- **Alternative**
  - consistency with national programs/regulations/policies/laws
  - total elimination or coverage
  - other
Foundation

- New for HP2020
- Provides a general overview of Health
- Do not have targets
- Consist of general health status
Data Challenges

- Measuring Progress
- Baseline year
- Population groups
- Data source quality
Healthy People Online

http://www.cdc.gov/nchs/healthy_people.htm

http://www.healthypeople.gov

http://wonder.cdc.gov/data2010
Contact Information

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