Healthy People 2020: A Vision of Health for 2020

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National Center for Health Statistics
Centers for Disease Control and Prevention
History of Healthy People

- 1979 – ASH/SG Dr. Julius Richmond establishes 1st national prevention agenda: *Healthy People: The Surgeon General’s Report on Health Promotion and Disease Prevention*

- HP 1990 – Promoting Health/Preventing Disease: Objectives for the Nation

- HP 2000 – Healthy People 2000: National Health Promotion and Disease Prevention Objectives

- HP2010 – Healthy People 2010: Objectives for Improving Health
## Evolution of Healthy People

<table>
<thead>
<tr>
<th>Target Year</th>
<th>Overarching Goals</th>
<th>Year 1990</th>
<th>Year 2000</th>
<th>Year 2010</th>
<th>Year 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Decrease mortality: infants-adults</td>
<td></td>
<td>Have a longer span of healthy life</td>
<td>Increase quality and years of healthy life</td>
<td>Attain high quality, longer lives free of preventable disease...</td>
</tr>
<tr>
<td></td>
<td>Increase independence among older adults</td>
<td></td>
<td>Increase health disparities</td>
<td>Eliminate health disparities</td>
<td>Achieve health equity, eliminate disparities...</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Have access to preventive services for all</td>
<td></td>
<td>Create social and physical environments that promote good health...</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Promote quality of life, healthy development, healthy behaviors across life stages...</td>
</tr>
<tr>
<td>Topic Areas</td>
<td>15</td>
<td></td>
<td>22</td>
<td>28</td>
<td>38</td>
</tr>
<tr>
<td># Objectives</td>
<td>226</td>
<td></td>
<td>312</td>
<td>467</td>
<td>580</td>
</tr>
</tbody>
</table>
Developing Healthy People 2020

2005
Conduct Independent Assessment 10/05-1/07
Charter Advisory Cmte.
Convene FIW

2007/2008
Phase I
Development of Framework
Public/Stakeholder Input

2008/2009
Phase II
Development of Objectives
Public/Stakeholder Input

Launch Healthy People 2020 Dec. 2010
# Healthy People 2020 Organizing Framework

## Vision Statement

A society in which all people live long, healthy lives.

## Mission Statement

Healthy People 2020 strives to:

- Identify nationwide health improvement priorities;
- Increase public awareness and understanding of the determinants of health, disease, and disability and the opportunities for progress;
- Provide measurable objectives and goals that are applicable at the national, state, and local levels;
- Engage multiple sectors to take actions to strengthen policies and improve practices that are driven by the best available evidence and knowledge;
- Identify critical research, evaluation, and data collection needs.
## Overarching Goals

- Attain high quality, longer lives free of preventable disease, disability, injury, and premature death.
- Achieve health equity, eliminate disparities, and improve the health of all groups.
- Create social and physical environments that promote good health for all.
- Promote quality of life, healthy development and healthy behaviors across all life stages.
Healthy People 2020

A society in which all people live long, healthy lives

Overarching Goals:

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Healthy People: Federally Led, Stakeholder Driven

HHS Secretary’s Advisory Committee (FACA)

NCHS

Federal Interagency Workgroup (28 federal agencies)

State & Local Governments (50 state coordinators)

National-level Stakeholders, including members of the Healthy People Consortium (1,100 volunteers)

Community-Based Organizations, Community Health Clinics, Social Service Organizations, etc.

Individuals, Families, & Neighborhoods across America
Outcome

I LIKE THE PART ABOUT
THE PURSUIT OF HAPPINESS

IT'S REALLY HOT
IN HERE

MAYBE WE SHOULD MENTION
SOMETHING ABOUT NOT
HAVING TO WEAR JACKETS
IF WE DON'T WANT TO

...AND SHORT-SLEEVED
SHIRTS

WHAT ABOUT, 'EVERYONE
SHOULD HAVE THE RIGHT
to BARE ARMS'?

THAT'S NOT A
BAD IDEA

HOW WOULD WE
WORD IT?
Secretary’s Advisory Committee (FACA)

- 13-member panel
- Provides advice and consultation to the HHS Secretary to facilitate the process of developing and implementing Healthy People goals and objectives
- Advises the Secretary about initiatives to occur during the initial implementation phase of the goals and objectives

- Jonathan Fielding (chair)
- Shiriki Kumanyika (vice chair)
- W. Douglas Evans
- Vincent Felitti
- Everold Hosein
- Lisa Iezzoni
- Abby King
- Ronald Manderscheid
- David Meltzer
- Eva Moya
- Patrick Remington
- David Seigel
- Adewale Troutman
FACA – Phase I Report

- Recommendations for the framework (vision and mission statements and overarching goals)
- Recommendations for format (web-accessible, searchable database)
- Suggestions for organizing objectives
- A graphic model to depict key concepts and processes

www.healthypeople.gov
Federal/Public Guidance

• Federal Input

  – Federal Interagency Workgroup (FIW)
    • 28 HHS and non-HHS departments and agencies (USDA, EPA, DoED, VA, DoJ, DoI, HUD and others)
    • Oversees and coordinates the Healthy People 2020 development process within in the Federal government

• Public Input

  – Secretary’s Advisory Committee on National Health Promotion and Disease Prevention Objectives for 2020 (FACA)
    – Six Regional Meetings
  
  – Public Comment Web site
Role of NCHS

• **Statistical advisor** to HHS and the focus area workgroups on health promotion data

• Produces/obtains **data** from NCHS/non-NCHS data systems

• Maintains comprehensive **database** for all the Healthy People objectives

• Develops research on measuring the **overarching goals** of Healthy People

• Develops **statistical/graphical presentations** to display progress towards reaching the goals/objectives
Topic Areas Retained from HP2010

- Access to Health Services
- Arthritis, Osteoporosis and Chronic Back Conditions
- Cancer
- Chronic Kidney Diseases
- Diabetes
- Disability and Secondary Conditions
- Educational and Community-Based Programs
- Environmental Health
- Family Planning
- Food Safety
- Health Communication and Health IT
- Hearing and Other Sensory or Communication Disorders
- Heart Disease and Stroke
- HIV
- Immunization and Infectious Diseases
Topic Areas Retained from HP2010

– Injury and Violence Prevention
– Maternal, Infant and Child Health
– Medical Product Safety
– Mental Health and Mental Disorders
– Nutrition and Weight Status
– Occupational Safety and Health
– Oral Health
– Physical Activity and Fitness
– Public Health Infrastructure
– Respiratory Diseases
– Sexually Transmitted Diseases
– Substance Abuse
– Tobacco Use
– Vision
Topic Areas New to HP2020

– Life stages
  ▪ Adolescent Health
  ▪ Early and Middle Childhood
  ▪ Older Adults
– Blood Disorders and Blood Safety
– Dementia, including Alzheimer's Disease
– Genomics
– Global Health
– Healthcare Associated Infections
– Preparedness
– Quality of Life and Well-Being
– Social Determinants of Health
Sample Objectives

• **Retained objective**
  – Increase the proportion of persons with health insurance.

• **Modified objective**
  – Increase the proportion of adults that meet current Federal physical activity guidelines for aerobic physical activity and for muscle strength training.

• **New objective**
  – Decrease incidence of invasive colorectal cancer.
HP2010 Standard Population Template

Race and ethnicity

Gender

Education level
Less than high school
High school graduate
At least some college
or
Family income level
Poor
Near poor
Middle/high income

Optional
Age
Geographic location
Disability status
## HP2020 Standard Population Template

<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></td>
<td>Insured</td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td>Any private</td>
</tr>
<tr>
<td>Education level</td>
<td></td>
<td>Public only</td>
</tr>
<tr>
<td>Less than high school</td>
<td>Country of birth</td>
<td>Uninsured</td>
</tr>
<tr>
<td>High school graduate</td>
<td>US</td>
<td></td>
</tr>
<tr>
<td>At least some college</td>
<td>Outside US</td>
<td>Optional</td>
</tr>
<tr>
<td>Associates degree</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 year college degree</td>
<td>Disability status</td>
<td></td>
</tr>
<tr>
<td>Advanced degree</td>
<td>Persons with disabilities</td>
<td>Sexual orientation</td>
</tr>
<tr>
<td>Family income level (percent</td>
<td>Persons without disabilities</td>
<td>People with chronic conditions</td>
</tr>
<tr>
<td>Federal Poverty Limit)</td>
<td></td>
<td>People in nursing homes</td>
</tr>
<tr>
<td>&lt;100</td>
<td>Geographic location</td>
<td>People in active military service</td>
</tr>
<tr>
<td>100-199</td>
<td>Metropolitan</td>
<td>People in prisons</td>
</tr>
<tr>
<td>200-399</td>
<td>Non-metropolitan</td>
<td>Marital status</td>
</tr>
<tr>
<td>400-599</td>
<td></td>
<td>Veteran status</td>
</tr>
<tr>
<td>600+</td>
<td></td>
<td>Obesity status</td>
</tr>
</tbody>
</table>
Disparities in HP2010

• Overarching goal: eliminate health disparities
• No separate disparities targets
• Disparity: Any difference in health measures
• Measurement
  – Relative disparity: percent difference from the “best” group rate
  – Change in disparity over time: absolute difference between relative disparities
### Disparities Table in HP2010

<table>
<thead>
<tr>
<th>Population-based objectives</th>
<th>Race and ethnicity</th>
<th>Income level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9-1.</strong> Intended pregnancies: females 15-44 years (1995) †</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-2.</strong> Births within 24 months of a previous birth: females 15-44 years (1995, 2002) *</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-3.</strong> Contraceptive use: females 15-44 years at risk of unintended pregnancy (1995, 2002) *</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-4.</strong> Contraceptive failure: females 15-44 years (1995) †</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-6.</strong> Unmarried males 15-24 years who have ever gone to a family planning clinic with a girlfriend (2002) *</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-7.</strong> Pregnancy: females 15-17 years (1996, 2000) †</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-9a.</strong> Abstinence, ages 15-17 years: females (1995, 2002) *</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-10c.</strong> Condom plus hormonal use at first intercourse: unmarried females 15-17 years (1995, 2002) *</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>9-10d.</strong> Condom plus hormonal use at first intercourse: unmarried males 15-17 years (1995, 2002) *</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Disparity Table Legend in HP2010

<table>
<thead>
<tr>
<th>The &quot;best&quot; group rate at the most recent data point.</th>
<th>The group with the best rate for specified characteristic.</th>
<th>Most favorable group rate for specified characteristic, but reliability criterion not met.</th>
<th>Best group rate reliability criterion not met.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disparity from the best group rate at the most recent data point.</td>
<td>Less than 10 percent or not statistically significant.</td>
<td>10-49 percent</td>
<td>50-99 percent</td>
</tr>
<tr>
<td>Changes in disparity over time are shown when the change is greater than or equal to 10 percentage points and statistically significant, or when the change is greater than or equal to 10 percentage points and estimates of variability were not available.</td>
<td>Increase in disparity (percentage points)</td>
<td>10-49</td>
<td>50-99</td>
</tr>
<tr>
<td>Decrease in disparity (percentage points)</td>
<td>↓ 10-49</td>
<td>↓ 50-99</td>
<td>↓ 100 or more</td>
</tr>
<tr>
<td>Availability of data.</td>
<td>Data not available.</td>
<td>Characteristic not selected for this objective.</td>
<td></td>
</tr>
</tbody>
</table>

* The variability of best group rates was assessed, and disparities of \( \geq 10\% \) are statistically significant at the 0.05 level. Changes in disparity over time, noted with arrows, are statistically significant at the 0.05 level. See Technical Appendix.
† Measures of variability were not available. Thus, the variability of best group rates was not assessed, and the statistical significance of and changes in disparity over time could not be tested. See Technical Appendix.

† Data include persons of Hispanic origin.
Disparities in HP2020

- **Overarching goal:** Achieve health equity, eliminate disparities, and improve the health of all groups
- No separate disparities targets
- **Disparity:** A particular type of health difference that is closely linked with social or economic disadvantage.
- **Measurement:** TBD
HP2020 Target Setting

• Guidance from:
  – Federal Interagency Workgroup (FIW)
  – Secretary’s Advisory Committee on National Health Promotion and Disease Prevention (FACA)

• FIW and FACA agreed that targets need to be more realistic, systematic and transparent than HP2010 targets
Overall Healthy People 2010 Progress

- Target met: 19% (n=117)
- Improving: 23% (n=146)
- No change: 6% (n=40)
- Getting worse: 52% (n=332)

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.
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HP2020 Target-Setting Methodologies

• Preferred
  – modeling/projection – scientific basis
• Default
  – 10 percent improvement over baseline
• Alternative
  – consistency with national programs/regulations/policies/laws
  – retention of Healthy People 2010 targets
  – total elimination or coverage
Foundation

• New for HP2020, the Foundation section provides a general view of health
• Foundation measures are general health measures which will be tracked but not have targets
  – General health status including life expectancy, chronic disease prevalence, and international comparisons
  – Quality of Life and Well-Being
  – Social Determinants of Health
  – Disparities and Inequities
DATA 2010

http://wonder.cdc.gov/data2010
DATA 2020

• Healthy People 2020 data will come from the new HHS Health Indicators Warehouse

• Move towards a web-based relational database
  – Database will allow for flexible tagging
  – More dynamic and evolutionary to accommodate emerging health needs and priorities

• Expansion of sub-national data
  – State data
  – County data
Healthy People 2020: Looking Ahead

- Web-based **interactive** resource to expand reach and usability
- **Dynamic approach** to accommodate changing health needs and priorities
- Links to evidence-based **interventions**
- Integration of health **determinants** across multiple disciplines and sectors
- Annual Healthy People 2020 review/update
- Spring 2012: Healthy People Users Prevention Conference
- Progress Reviews beginning 2012
Healthy People Online

http://www.cdc.gov/nchs/healthy_people.htm
http://www.healthypeople.gov
http://wonder.cdc.gov/data2010