

HEALTHY PEOPLE 2010 FINAL REVIEW



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES Centers for Disease Control and Prevention National Center for Health Statistics

Copyright Information

Permission has been obtained from the copyright holders to reproduce certain quoted material in this report. Further reproduction of this material is prohibited without specific permission of the copyright holder. All other material contained in this report is in the public domain and may be used and reprinted without special permission; citation as to source, however, is appreciated.

Suggested Citation

National Center for Health Statistics. Healthy People 2010 Final Review. Hyattsville, MD. 2012.

Library of Congress Cataloging-in-Publication Data

Healthy People 2010 Final Review.

p.; cm. — (DHHS publication; no. (PHS)2012–1038)

Healthy People Two Thousand Ten

"December 2012."

Includes bibliographical references and index.

ISBN 0-8406-0654-0 (alk. paper)

I. National Center for Health Statistics (U.S.)

II. Title: Healthy People Two Thousand Ten. III. Series:

DHHS publication; no. (PHS)2012–1038. 0276–4733

[DNLM: 1. Healthy People 2010 (Group). 2. Healthy People Programs—United States. 3. Health Planning—United

States. 4. Preventive Medicine—United States.

5. Program Evaluation—United States. 6. Public Health—United States. WA 525]

362.10973—dc23

2012026102

PHS Publication No. 2012–1038 For sale by Superintendent of Documents U.S. Government Printing Office Washington, DC 20402



HEALTHY PEOPLE 2010 FINAL REVIEW

U.S. Department of Health and Human Services

Kathleen Sebelius Secretary

Centers for Disease Control and Prevention

Thomas R. Frieden, M.D., M.P.H. *Director*

National Center for Health Statistics

Edward J. Sondik, Ph.D. *Director*

Foreword

In the third decade of the Healthy People initiative, Healthy People 2010 continued to provide a framework to improve the nation's health by identifying overarching goals and objectives around which the public, private organizations, and citizens alike could unite. Like its predecessors, the Healthy People 2010 framework was structured for planning and action and to set priorities for policies and programs. Healthy People 2010 also advanced the methodology by which progress toward the objectives and the reduction of disparities would be measured for a better understanding of what has been achieved and where more attention and effort must be directed.

The Healthy People 2010 Final Review provides analyzed data on 733 objectives—the total number of objectives with tracking data. The report shows that 23% of these objectives were met and another 48% were moving toward the Healthy People 2010 targets. In each of the Focus Areas, there were some objectives that moved toward, met, or exceeded their 2010 targets. For eight Focus Areas, more than 75% of the objectives with tracking data moved toward or achieved their targets. Further, there was substantial progress in the Heart Disease and Stroke Focus Area, for example, where the target of reducing cholesterol levels was met and progress continued on reducing smoking levels. I believe these results are reflected in the reduction in deaths from heart disease and stroke, the first and third leading causes of death in the United States.

Progress in meeting other objectives supports the Healthy People 2010 overarching goal of increasing the quality and years of healthy life. Since the launch of Healthy People 2010, life expectancy at birth and at age 65 has increased for all U.S. population groups. But the core of Healthy People 2010 is to improve the quality of life, not only the length of life. The Healthy People development process recognized the complex interrelationship between health status and the prevalence and impact of disease and disability, and used innovative analytical techniques to define and measure quality of life. The ultimate goal is to make it possible for people to live the lives they want and to do the things they need to do for themselves, their families, and their communities.

Despite the well-documented progress in many areas—as noted above, 71% of the evaluated objectives were either met or showed progress—the *Healthy People 2010 Final Review* points to areas where progress has been slow or where there is no real improvement to report. A prime example is the Nutrition and Overweight Focus Area. The *Final Review* reports that obesity rates increased across all age groups. For children aged 6–11 years, obesity rates rose 54.5%, whereas for adolescents aged 12–19 years, the obesity rate rose 63.6%. In

addition, the proportion of adults who are obese rose 47.8%. Another area showing limited progress was the Arthritis, Osteoporosis, and Chronic Back Conditions Focus Area, where less than 25% of the targets were met.

With respect to health disparities, Healthy People 2010 set a goal to eliminate health disparities identified by race and ethnicity, sex, education, income, geographic location, disability status, or sexual orientation. This goal eclipsed in ambition the Healthy People 2000 goal of reducing disparities. The *Final Review* reveals a significant lack of progress in reducing or eliminating health disparities. Over the past decade, health disparities increased for an estimated 13% of the objectives and not changed for approximately 80% of the objectives. An important achievement, however, was the development of more informative models and approaches to measuring disparities. Advances in the methodology may yet lead to better approaches in closing the health gaps.

Another advance in the information foundation for Healthy People 2010 was the development of DATA2010, an interactive database system that compiles the monitoring data for tracking all the measurable objectives. Access to timely, accurate data is essential to the Healthy People process and to assessing and implementing Healthy People 2010 goals and objectives. Although much progress has been made developing and maintaining the data sources for Healthy People, some objectives were eliminated during Midcourse Review because of lack of data, and there were some objectives that could not be measured.

Healthy People 2020 is already well underway. It builds on the strengths of Healthy People 2010 but expands its scope and outreach. Healthy People 2010 had 28 subject matter areas; Healthy People 2020 has 42. Healthy People 2010 had two overarching goals of increasing the quality of life and eliminating health disparities; the 2020 program has four, adding a focus on creating social and physical environments that promote good health and on emphasizing quality of life and good health behavior over the entire span of life. I expect the progress we saw in data sources and monitoring will be enhanced with new sources of data and with advances in information technology, new ways of making the objectives and data measuring progress even more relevant and usable to communities and individuals, as well as public and private organizations at the national, state, and local levels. From the first Healthy People, the focus has been on measurable objectives. We have seen progress, documented through the many data sources consistently and accurately. This information is crucial to guide officials, the public, and individuals in developing the policies and programs to improve the health of Americans.

Edward J. Sondik, Ph.D. Director, National Center for Health Statistics



Preface

The Healthy People 2010 Final Review presents a quantitative end-of-decade assessment of progress in achieving the Healthy People 2010 objectives and goals over the course of the decade. This publication was compiled by the National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC), with considerable input from lead agencies of the Department of Health and Human Services (DHHS) for the Healthy People initiative. The Healthy People Federal Interagency Workgroup and the Office of Disease Prevention and Health Promotion served in a review capacity.

The *Healthy People 2010 Final Review* continues the series of profiles (previously referred to as Prevention Profiles) of the nation's health objectives as an integral part of the DHHS disease prevention and health promotion initiative for the decade that began in 2000.

The Healthy People 2010 initiative was unveiled in January 2000 by the Secretary of the Department of Health and Human Services, which, in November 2000, released the two-volume publication *Healthy People 2010, 2nd Edition, with Understanding and Improving Health and Objectives for Improving Health.* The *Healthy People 2010 Final Review* presents a summary of progress toward achieving the Healthy People 2010 goals of:

- 1. Increasing quality and years of healthy life
- 2. Eliminating health disparities.

The *Healthy People 2010 Final Review* provides the final tracking data used to chart progress for the 969 objectives in the 28 Healthy People 2010 Focus Areas. A Progress Chart for the Healthy People 2010 Leading Health Indicators also is presented.

The Healthy People 2010 Final Review incorporates the modifications to objectives from the Healthy People 2010 Midcourse Review, which was published in December 2006. It includes information about the status of each 2010 objective over the course of the decade and a crosswalk that illustrates how Healthy People 2010 objectives were transitioned to Healthy People 2020.

Acknowledgements

Overall responsibility for planning and coordinating the content of the *Healthy People 2010 Final Review* rested with the Health Promotion Statistics Branch (HPSB), Office of Analysis and Epidemiology (OAE), National Center for Health Statistics (NCHS), under the direction of Rebecca Hines. Production coordination was shared among the following HPSB staff: Lesley Dobrzynski, David Huang, Kimberly Hurvitz, Jeff Pearcy, Cheryl Rose, Makram Talih, and Sirin Yaemsiri.

Production was accomplished by several HPSB working teams which included: Lesley Dobrzynski, Bob Francis, Leda Gurley, David Huang, Kimberly Hurvitz, Elizabeth Jackson, Bruce Jonas, Deepthi Kandi, Insun Kim, Jeff Pearcy, Cheryl Rose, Asel Ryskulova, Makram Talih, Ritu Tuteja, and Jean Williams.

The section discussing the Healthy People 2010 goal of increasing quality and years of healthy life was written by Ritu Tuteja with substantial input from Michael Molla and technical contribution from Rebecca Hines, Richard Klein, and Makram Talih.

The section addressing the Healthy People 2010 goal of eliminating health disparities was written by David Huang and Makram Talih, with input from Rebecca Hines and Richard Klein.

Compilation of data used to assess progress of the Healthy People 2010 objectives (the "Progress Chart") was conducted by the HPSB research team, particularly Lesley Dobrzynski, Leda Gurley, David Huang, Ken Keppel, Jeff Pearcy, Asel Ryskulova, Ritu Tuteja, and Makram Talih, with substantial input from Rebecca Hines and Richard Klein.

The presentation of health disparities (the "Health Disparities Table") in the *Healthy People 2010 Final Review* was developed by Ken Keppel and further refined by Makram Talih, with input from Lesley Dobrzynski, Leda Gurley, Rebecca Hines, David Huang, Kimberly Hurvitz, Elizabeth Jackson, Insun Kim, Richard Klein, Jeff Pearcy, Asel Ryskulova, and Ritu Tuteja.

Mary Anne Freedman of Jacaranda Consulting, LLC, provided significant support in the drafting process of the Focus Area chapters. In addition, the HPSB analysts each made significant contributions to all aspects of data compilation, verification, and text development for the 28 Focus Areas as follows:

Access to Quality Health Services (Focus Area 1): David Huang Arthritis, Osteoporosis, and Chronic Back Conditions (Focus Area 2): Kimberly Hurvitz

Cancer (Focus Area 3): David Huang

Chronic Kidney Disease (Focus Area 4): Asel Ryskulova Diabetes (Focus Area 5): Lesley Dobrzynski Disability and Secondary Conditions (Focus Area 6): Bruce Jonas Educational and Community-Based Programs (Focus Area 7): Insun Kim Environmental Health (Focus Area 8): Jeff Pearcy Family Planning (Focus Area 9): Ritu Tuteja Food Safety (Focus Area 10): Jeff Pearcy Health Communication (Focus Area 11): Leda Gurley Heart Disease and Stroke (Focus Area 12): Kimberly Hurvitz HIV (Focus Area 13): Insun Kim Immunization and Infectious Diseases (Focus Area 14): Insun Kim Injury and Violence Prevention (Focus Area 15): Kimberly Hurvitz Maternal, Infant, and Child Health (Focus Area 16): Elizabeth Jackson Medical Product Safety (Focus Area 17): Ritu Tuteja Mental Health and Mental Disorders (Focus Area 18): Bruce Jonas Nutrition and Overweight (Focus Area 19): Kimberly Hurvitz Occupational Safety and Health (Focus Area 20): Jeff Pearcy Oral Health (Focus Area 21): Elizabeth Jackson Physical Activity and Fitness (Focus Area 22): Asel Ryskulova Public Health Infrastructure (Focus Area 23): Kate Brett/Jeff Pearcy Respiratory Diseases (Focus Area 24): Kimberly Hurvitz Sexually Transmitted Diseases (Focus Area 25): Leda Gurley Substance Abuse (Focus Area 26): Elizabeth Jackson Tobacco Use (Focus Area 27): Lesley Dobrzynski Vision and Hearing (Focus Area 28): Asel Ryskulova

Substantial input and technical review were provided by Linda Bilheimer, Rebecca Hines, Richard Klein, Jennifer Madans, and Diane Makuc.

Publication management and editorial review were provided by: Raymond Cunningham, Ryan Dumas, Sarah Hinkle, Anthony Lipphardt, Kyung Park, Jennifer Reid, Tommy Seibert, Tammy Stewart-Prather, Barbara Wassell, and Danielle Woods.

Keri Apostle, Eloesa McSorley, and Ashleigh Russell of Health Research and Analysis provided significant quality control support, particularly for the tables and figures.

Publication of the *Healthy People 2010 Final Review* would not have been possible without the contribution of staff members from the Office of Disease Prevention and Health Promotion, particularly Carter Blakey, Ellis Davis, Jeanette Guyton-Krishnan, Rachel Hayes, Yen Luong, Stacey McBryde, Kathryn McMurry, Holly McPeak, Deb Nichols, Emmeline Ochiai, Geri Tebo, and Kimber Wukitsch, as well as many staff members throughout NCHS, and the workgroup members from the Healthy People 2010 lead Federal agencies.

Table of Contents



Fore	ewordiii
	acev
	nowledgementsvi
List	of Tables and Figures
Hea	alth of the Nation
Hea	lthy People 2010 OverviewO-1
	lthy People 2010 Leading Health Indicators
	der's Guide RG-1
1104	
Ove	erview by Focus Area
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 Prevention15-1
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 Diseases
25.	Sexually Transmitted Diseases
26.	Substance Abuse
27.	Tobacco Use
28.	Vision and Hearing
Δ	
Apj	pendices
App	endix A: Technical Appendix
App	endix B: Published Issues of Healthy People Statistical Notes
App	endix C: Healthy People 2010 Lead Agencies
	endix D: A Crosswalk Between Objectives From Healthy People 2010 to Healthy People 2020 D-1
Ann	endix F.: Evolution of Healthy People

vii

List of Tables and Figures



			•		
()	VA	rv	714	79	A
\mathbf{v}	V	1	у д ,	\sim 1	v

Tables		
Table O-1.	Healthy People 2010 Objectives: Summary of Progress by Focus Area	O-9
Table O-2.	Healthy People 2010 Objectives: Summary of Progress for Population Groups	
Table O-3.	Life Expectancy at Birth and at Age 65 (in Years)	O-13
Table O-4.	Measures of Healthy Life Expectancy at Birth (in Years)	O-15
Table O-5.	Measures of Healthy Life Expectancy at Age 65 (in Years)	O-16
Figures		
Figure O-1.	Healthy People 2010 Objectives: Status at the Final Review and Summary of Progress Toward Target Attainment	0.7
Figure O-2.	Healthy People 2010 Objectives: Status at the Final Review by Focus Area	
Figure O-2.	Summary of Progress for Objectives with Tracking Data for Each Population Group	
Figure O-3.	Life Expectancy at Birth and at Age 65, by Sex and Race, 2006–07	
Figure O-5.	Life Expectancy and Measures of Healthy Life Expectancy at Birth, 2006–07	
Figure O-6.	Life Expectancy and Measures of Healthy Life Expectancy at Age 65, 2006–07	
Figure O-7.	Health Disparities at the Most Recent Time Point, by Race and Ethnicity	
Figure O-8.	Changes in Health Disparities from the Baseline to the Most Recent Time Points,	0 17
rigure o o.	by Population Characteristic.	0-20
Figure O-9.	Health Disparities at the Most Recent Time Point, by Sex	
Figure O-10.	Health Disparities at the Most Recent Time Point, by Education Level	
Figure O-11.	Health Disparities at the Most Recent Time Point, by Income	
Figure O-12.	Health Disparities at the Most Recent Time Point, by Geographic Location	
Figure O-13.	Health Disparities at the Most Recent Time Point, by Disability Status	
Leading He	ealth Indicators	
Table LHI-1.	A Crosswalk Between the Healthy People 2010 and Healthy People 2020 Leading Health Indicators	LHI-11
Figure LHI-1.	Progress Toward Target Attainment for Leading Health Indicators	
Figure LHI-2.	Health Disparities Table for Leading Health Indicators	
Reader's Gu	uide	
Figure RG-1.	Legend for the Health Disparities Table	RG-5
Focus Area	Chapters	
Chapter 1		
Figure 1-1. Figure 1-2. Figure 1-3.	Progress Toward Target Attainment for Focus Area 1: Access to Quality Healthy Services . Health Disparities Table for Focus Area 1: Access to Quality Health Services	1-16

viii

Chapter 2	
Figure 2-1.	Progress Toward Target Attainment for Focus Area 2:
	Arthritis, Osteoporosis and Chronic Back Conditions
Figure 2-2.	Health Disparities Table for Focus Area 2: Arthritis, Osteoporosis, and Chronic Back Conditions 2-10
Figure 2-3.	Activity Limitations due to Arthritis (Adults Aged 18+ With Diagnosed Arthritis), 2007—Map 2-12
Chapter 3	
Figure 3-1.	Progress Toward Target Attainment for Focus Area 3: Cancer
Figure 3-2.	Health Disparities Table for Focus Area 3: Cancer
Figure 3-3.	Overall Cancer Deaths, 2005–07—Map
Figure 3-4.	Women who Received a Pap Test Within Past 3 Years (Age 18+), 2008—Map3-15
Chapter 4	
Figure 4-1.	Progress Toward Target Attainment for Focus Area 4: Chronic Kidney Disease
Figure 4-2.	Health Disparities Table for Focus Area 4: Chronic Kidney Disease
Figure 4-3.	Dialysis Patients Registered on Kidney Transplant Waiting List (Age <70), 2007—Map 4-11
Figure 4-4.	Cumulative Percent of Persons Receiving a Kidney Transplant Within 3 Years of
	the Date of Renal Failure (Age <70), 2005—Map
Chapter 5	
Figure 5-1.	Progress Toward Target Attainment for Focus Area 5: Diabetes
Figure 5-1.	Health Disparities Table for Focus Area 5: Diabetes
Figure 5-3.	Prevalence of Diabetes (Age 18+), 2008—Map
rigare o o.	110 valende di Balbotto (11go 101), 2000 - Map
Chapter 6	
Figure 6-1.	Progress Toward Target Attainment for Focus Area 6: Disability and Secondary Conditions
Figure 6-2.	Health Disparities Table for Focus Area 6: Disability and Secondary Conditions
Chapter 7	
Figure 7-1.	Progress Toward Target Attainment for Focus Area 7:
	Educational and Community-Based Programs7-11
Figure 7-2.	Health Disparities Table for Focus Area 7: Educational and Community-Based Programs7-13
Chapter 8	
Figure 8-1.	Progress Toward Target Attainment for Focus Area 8: Environmental Health
Figure 8-2.	Health Disparities Table for Focus Area 8: Environmental Health
Chapter 9	
Figure 9-1.	Progress Toward Target Attainment for Focus Area 9: Family Planning9-10
Figure 9-2.	Health Disparities Table for Focus Area 9: Family Planning
Chapter 10	
Figure 10-1.	Progress Toward Target Attainment for Focus Area 10: Food Safety
Figure 10-2.	Health Disparities Table for Focus Area 10: Food Safety
Chapter 11	
Figure 11-1.	Progress Toward Target Attainment for Focus Area 11: Health Communication
Figure 11-2.	Health Disparities Table for Focus Area 11: Health Communication
Figure 11-3.	Persons With Internet Access at Home (Age 18+), 2009—Map

HEALTHY PEOPLE 2010 FINAL REVIEW

ix

Cnapter 12	
Figure 12-1.	Progress Toward Target Attainment for Focus Area 12: Heart Disease and Stroke12-10
Figure 12-2.	Health Disparities Table for Focus Area 12: Heart Disease and Stroke
Figure 12-3.	Coronary Heart Disease Deaths, 2005–07—Map
Figure 12-4.	Stroke Deaths, 2005–07—Map
Chapter 13	
Figure 13-1.	Progress Toward Target Attainment for Focus Area 13: HIV
Figure 13-2.	Health Disparities Table for Focus Area 13: HIV
Figure 13-3.	New AIDS Cases (Age 13+), 2007—Map
Figure 13-4.	HIV Infection Deaths, 2005–07—Map
Chapter 14	
Figure 14-1.	Progress Toward Target Attainment for Focus Area 14: Immunization and Infectious Diseases 14-15
Figure 14-2.	Health Disparities Table for Focus Area 14: Immunization and Infectious Diseases
Figure 14-3.	Vaccination of Children 19–35 Months—3 Doses Hepatitis B (Hep B) Vaccine, 2008—Map14-25
Figure 14-4.	Vaccination of Children 19–35 Months—1 Dose Measles-Mumps-Rubella (MMR)
Figure 14-5.	Vaccine, 2008—Map
rigure 14-5.	2008—Map
Chapter 15	
Figure 15-1.	Progress Toward Target Attainment for Focus Area 15: Injury and Violence Prevention15-13
Figure 15-2.	Health Disparities Table for Focus Area 15: Injury and Violence Prevention15-17
Figure 15-3.	Deaths from Unintentional Injuries, 2005–07—Map15-21
Figure 15-4.	Deaths From Motor Vehicle Crashes, 2005–07—Map
Chapter 16	
Figure 16-1.	Progress Toward Target Attainment for Focus Area 16: Maternal, Infant, and Child Health16-14
Figure 16-2.	Health Disparities Table for Focus Area 16: Maternal, Infant, and Child Health
Figure 16-3.	Low Birth Weight (LBW) Births, 2006–08—Map
Figure 16-4.	Preterm Live Births, 2006–08—Map
Chapter 17	
Figure 17-1.	Progress Toward Target Attainment for Focus Area 17: Medical Product Safety
Figure 17-2.	Health Disparities Table for Focus Area 17: Medical Product Safety17-8
Chapter 18	
Figure 18-1.	Progress Toward Target Attainment for Focus Area 18: Mental Health and Mental Disorders18-9
Figure 18-2.	Health Disparities Table for Focus Area 18: Mental Health and Mental Disorders
Figure 18-3.	Suicide, 2005–07—Map
Chapter 19	
Figure 19-1.	Progress Toward Target Attainment for Focus Area 19: Nutrition and Overweight19-10
Figure 19-2.	Health Disparities Table for Focus Area 19: Nutrition and Overweight
Figure 19-3.	Obesity in Adults (Aged 20+), 2008—Map
Chapter 20	
Figure 20-1.	Progress Toward Target Attainment for Focus Area 20: Occupational Safety and Health20-8
Figure 20-2.	Health Disparities Table for Focus Area 20: Occupational Safety and Health20-10

HEALTHY PEOPLE 2010 FINAL REVIEW

Chapter 21		
Figure 21-1. Figure 21-2.	Progress Toward Target Attainment for Focus Area 21: Oral Health	
Chapter 22		
Figure 22-1. Figure 22-2. Figure 22-3.	Progress Toward Target Attainment for Focus Area 22: Physical Activity and Fitness	10
Chapter 23		
Figure 23-1.	Progress Toward Target Attainment for Focus Area 23: Public Health Infrastructure23-	-9
Chapter 24		
Figure 24-1. Figure 24-2. Figure 24-3.	Progress Toward Target Attainment for Focus Area 24: Respiratory Diseases	12
Chapter 25		
Figure 25-1. Figure 25-2. Figure 25-3. Figure 25-4. Figure 25-5.	Progress Toward Target Attainment for Focus Area 25: Sexually Transmitted Diseases	13 15 16
Chapter 26		
Figure 26-1. Figure 26-2. Figure 26-3.	Progress Toward Target Attainment for Focus Area 26: Substance Abuse	14
Chapter 27		
Figure 27-1. Figure 27-2. Figure 27-3.	Progress Toward Target Attainment for Focus Area 27: Tobacco Use	14
Chapter 28		
Figure 28-1. Figure 28-2.	Progress Toward Target Attainment for Focus Area 28: Vision and Hearing	
Appendice	S S	
Figure A-1.	Legend for the Health Disparities Table	-9

HEALTHY PEOPLE 2010 FINAL REVIEW

xi

