

HEALTHY PEOPLE 2020/2030

AMERICAN INSTITUTE FOR DENTAL PUBLIC HEALTH (AIDPH) COLLOQUIUM
JANUARY 15, 2020

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NATIONAL CENTER FOR CHRONIC DISEASE PREVENTION AND HEALTH PROMOTION

DIVISION OF ORAL HEALTH



HEALTHY PEOPLE CO-LEADS FOR THE ORAL HEALTH TOPIC AREA

- Healthy People Co-Leads
 - Dr. Gina Thornton-Evans, CDC
 - Dr. Tim Iafolla, NIDCR
 - Dr. Renee Joskow, HRSA
 - RADM Timothy Ricks, IHS



OFFICE OF DISEASE PREVENTION AND HEALTH PROMOTION, (ODPHP) AUTHORIZING LEGISLATION

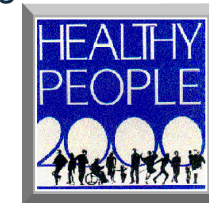
- Title XVII – Public Health Act
 - Formulate national goals, and a strategy to achieve such goals, with respect to health information and health promotion, preventive health services, and education in the appropriate use of health care.
 - Coordinate disease prevention and health promotion activities, preventive health services, and health information and education within HHS.
 - Coordinate such activities in the private sector.
 - Establish a national health information clearinghouse.
 - Support projects, conduct research and disseminate information.

FOUR DECADES OF HEALTHY PEOPLE

Target Year	1990	2000	2010	2020
Overarching Goals	<ul style="list-style-type: none"> • Decrease mortality: infants–adults • Increase independence among older adults 	<ul style="list-style-type: none"> • Increase span of healthy life • Reduce health disparities • Achieve access to preventive services for all 	<ul style="list-style-type: none"> • Increase quality and years of healthy life • Eliminate health disparities 	<ul style="list-style-type: none"> • Attain high-quality, longer lives free of preventable disease • Achieve health equity; eliminate disparities • Create social and physical environments that promote good health • Promote quality of life, healthy development, healthy behaviors across life stages
LHIs			10 topics 22 Indicators	12 topics 26 indicators
Topic Areas	15	22	28	42
Objectives	226	319	~1,000	>1,200

HISTORY OF HEALTHY PEOPLE AND THE ORAL HEALTH OBJECTIVES

- 1979 Surgeon General's Report: *Healthy People: The Surgeon General's Report on Health Promotion and Disease Prevention*
- *Healthy People 1990: Promoting Health/Preventing Disease: Objectives for the Nation*
 - 12 objectives
- *Healthy People 2000: National Health Promotion and Disease Prevention Objectives*
 - 43 objectives
- Healthy People 2010: Objectives for Improving Health
 - 26 objectives
- *Healthy People 2020*
 - 33 objectives
- *Healthy People 2030-Proposed*
 - 11 objectives



DATA SOURCES FOR HP 2020 ORAL HEALTH OBJECTIVES

National Health and Nutrition Examination Survey (NHANES)	18 Objectives
Association of State and Territorial Dental Directors (Annual ASTDD Synopsis)	6 objectives— <i>no longer used</i>
School-Base Health Alliance (SBHA)	3 objectives— <i>no longer used</i>
Medical Expenditure Panel Survey (MEPS)	2 objectives- Dental Visit only
Uniform Data System (UDS)	2 objectives— <i>no longer used</i>
Cancer Registry Data	1 objective
Indian Health Service (IHS)	1 objective— <i>no longer used</i>
Water Fluoridation Reporting System (WFRS)	1 objective

NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEY (NHANES) MOBILE EXAMINATION CENTER



HEALTHY PEOPLE 2020 ORAL HEALTH OBJECTIVES

- Oral Health of Children and Adolescents
 - OH-1 Dental caries experience in primary teeth: children and adolescents (ages 3 to 5 years, 6 to 9 years, 13 to 15 years)
 - OH-2 Untreated dental decay in children and adolescents (ages 3 to 5 years, 6 to 9 years, 13 to 15 years)
 - *Changes for HP 2030, age groups*

HEALTHY PEOPLE 2020 ORAL HEALTH OBJECTIVES

- Oral Health of Adults (*Changes for HP 2030, age groups for OH-3 to OH-5*)
 - OH-3 Untreated dental decay in adults (ages 35 to 44 years, 65 to 74 years)
 - OH-4 No permanent tooth loss (ages 45 to 64 years, 65 to 74 years)
 - OH-5 Periodontal disease: adults (ages 45 to 74 years)
 - OH-6 Oral and pharyngeal cancer early detection

HEALTHY PEOPLE 2020 ORAL HEALTH OBJECTIVES

- Access to Preventive Services
 - OH-7 Oral health care system use (2 years and older)
 - OH-8 Dental service use: low-income children (2 to 18 years)
 - *Changes for HP 2030, the data source*
 - OH-9 School-based centers with an oral health component
 - *Changes for HP 2030, archived*
 - OH-10 Health centers with an oral health component
 - *Changes for HP 2030, archived*
 - OH-11 Oral health services received at health centers
 - *Changes for HP 2030, archived*

HEALTHY PEOPLE 2020 ORAL HEALTH OBJECTIVES

- Oral Health Interventions
 - OH-12 Dental sealants (ages 3 to 5 years, 6 to 9 years, 13 to 15 years)
 - *Changes for HP 2030, age groups*
 - OH-13 Fluoridation of community water
 - OH-14 Preventive dental screening and counseling
 - *Changes for HP2030, archived*

HEALTHY PEOPLE 2020 ORAL HEALTH OBJECTIVES

- Monitoring, Surveillance Systems
 - OH-15 Systems that record cleft lip or palate and referrals
 - *Changes for HP 2030, archived*
 - OH-16 Oral and craniofacial health surveillance: states
 - *Changes for HP 2030, developmental objective*
- Public Health Infrastructure
 - OH-17 Health agencies with a dental professional directing their dental program
 - *Changes for HP 2030, archived*

LEADING HEALTH INDICATORS – 12 TOPICS, 26 INDICATORS

- Access to Health Services
- Clinical Preventive Services
- Environmental Quality
- Injury and Violence
- Maternal, Infant, and Child Health
- Mental Health
- Nutrition, Physical Activity, and Obesity
- *Oral Health*
- Reproductive and Sexual Health
- Social Determinants
- Substance Abuse
- Tobacco

DATA SOURCES FOR HP 2030 ORAL HEALTH OBJECTIVES

Data Source	Objectives
National Health and Nutrition Examination Survey (NHANES)	7
Cancer Registry Data	1
Medical Expenditure Panel Survey (MEPS)	1
National Survey of Children's Health (NSCH)	1
Water Fluoridation Reporting System (WFRS)	1

PROPOSED HEALTHY PEOPLE 2030 ORAL HEALTH OBJECTIVES

Objective Number	Objective Statement	Data Source
OH-2030-01	Reduce the proportion of children and adolescents aged 3 to 19 years with lifetime tooth decay experience in their primary or permanent teeth	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-02	Reduce the proportion of children and adolescents aged 3 to 19 years with active and currently untreated tooth decay in their primary or permanent teeth	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-03	Reduce the proportion of adults aged 20 to 74 with active or currently untreated tooth decay	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-04	Reduce the proportion of adults aged 75 years and older with untreated root surface decay	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-05	Reduce the proportion of adults aged 45 and older who have lost all of their natural teeth	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-06	Reduce the proportion of adults aged 45 and older who have moderate and severe periodontitis	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-07	Increase the proportion of oral and pharyngeal cancers detected at the earliest stage	National Program of Cancer Registries (NPCR), CDC/NCCDHP; Surveillance, Epidemiology, and End Results Program (SEER), NIH/NCI
OH-2030-08	Increase the proportion of children, adolescents, and adults who use the oral health care system	Medical Expenditure Panel Survey (MEPS), AHRQ
OH-2030-09	Increase the proportion of low income youth who have a preventive dental visit	National Survey of Children's Health (NSCH), HRSA/MCHB
OH-2030-10	Increase the proportion of children and adolescents aged 3 to 19 who have received dental sealants on one or more of their primary or permanent molar teeth	National Health and Nutrition Examination Survey (NHANES), CDC/NCHS
OH-2030-11	Increase the proportion of the U.S. population served by community systems with optimally fluoridated water systems	Water Fluoridation Reporting System (WFRS), CDC/NCCDHP
Objective Number	Objective Statement	
OH-2030-D01	Increase the number of states and the District of Columbia that have an oral and craniofacial health surveillance system	

GOALS FOR HEALTHY PEOPLE 2030

- **Overarching Goals**
- Attain healthy, thriving lives and well-being, free of preventable disease, disability, injury and premature death.
- *Eliminate health disparities, achieve health equity*, and attain health literacy to improve the health and well-being of all.
- *Create social, physical, and economic environments that promote attaining full potential for health and well-being for all.*
- Promote healthy development, healthy behaviors and well-being across all life stages.
- Engage leadership, key constituents, and the public across multiple sectors to take action and design policies that improve the health and well-being of all.

DEFINITIONS, HEALTH EQUITY AND DISPARITIES

- **Health Equity and Disparities:**
 - Health equity and disparities have been an important part of the Healthy People initiative since Healthy People 2000.
 - Health Equity is defined by the HHS Office of Minority Health (OMH) as, “Attainment of the highest level of health for all people. Achieving health equity requires valuing everyone equally with focused and ongoing societal efforts to address avoidable inequalities, historical and contemporary injustices, and the elimination of health and healthcare disparities.”
 - OMH defines health disparities as, “A particular type of health difference that is closely linked with social or economic disadvantage. Health disparities adversely affect groups of people who have systematically experienced greater social and/or economic obstacles to health and/or a clean environment based on their racial or ethnic group; religion; socioeconomic status; gender; age; mental health; cognitive, sensory, or physical disability; sexual orientation; geographic location; or other characteristics historically linked to discrimination or exclusion.”

SOCIAL DETERMINANTS OF HEALTH (SDOH)

- Healthy People 2020 added to the list of 42 topic areas
- **Goal:** Create social and physical environments that promote good health for all.
- Co-lead Agencies: CDC, HRSA, NIH, OASH
- Foundation for inclusion:
 - This emphasis is shared by the World Health Organization, whose Commission on Social Determinants of Health in 2008 published the report, *“Closing the gap in a generation: Health equity through action on the social determinants of health.”*
 - The emphasis is also shared by other U.S. health initiatives such as the ***National Partnership for Action to End Health Disparities*** and the ***National Prevention and Health Promotion Strategy***.

FRAMEWORK FOR FIVE KEY ELEMENTS (DETERMINANTS)



SOCIAL DETERMINANTS

- Availability of resources to meet daily needs
- Access to educational, economic, and job opportunities
- Access to health care services
- Quality of education and job training
- Transportation options
- Public safety
- Language and literacy

PHYSICAL DETERMINANTS

- Natural environment
- Built environment
- Worksites, schools, and recreational settings
- Housing and community design
- Exposure to toxic substances
- Physical barriers
- Aesthetic elements

PROPOSED HEALTHY PEOPLE 2030 SOCIAL DETERMINANTS OF HEALTH OBJECTIVES

Objective Number	Objective Statement	Baseline Statement	Target	Target-Setting Method	Data Source
SDOH-2030-1	Increase the proportion of children living with at least 1 parent employed year round, full time	76.4 percent of children aged 17 years and under were living with at least 1 parent employed year round, full time in 2016	84.1 percent	Projection	Current Population Survey (CPS), Census and DOL/BLS
SDOH-2030-2	Increase the proportion of high school completers who were enrolled in college the October immediately after completing high school	69.8 percent of high school completers were enrolled in college the October immediately after completing high school in 2016	74.6 percent	Projection	Current Population Survey (CPS), Census and DOL/BLS
SDOH-2030-3	Reduce the proportion of persons living in poverty	12.7 percent of persons were living below the poverty threshold in 2016	9.9 percent	Projection	Current Population Survey (CPS), Census and DOL/BLS
SDOH-2030-4	Reduce the proportion of families that spend more than 30 percent of income on housing	35.3 percent of families spent more than 30 percent of income on housing in 2015	26.1 percent	Percent Improvement	American Housing Survey, HUD and Census
SDOH-2030-5	Reduce the proportion of children who have ever experienced a parent who has served time in jail	8.2 percent of children aged 17 years and under had ever experienced a parent or guardian serving time in jail in 2016	5.7 percent	Percent Improvement	National Survey of Children's Health (NSCH), HRSA/MCHB
SDOH-2030-6	Increase employment among the working-age population	73.3 percent of the working-age population aged 16 to 64 years were employed in 2017	77.6 percent	Percent Improvement	Current Population Survey (CPS), Census and DOL/BLS

SOCIAL DETERMINANTS OF HEALTH-RESEARCH OBJECTIVE

Objective Number	Objective Statement
SDOH-2030-R1	Increase the proportion of federal data sources that collect country of birth as a variable

PROPOSED RESIDENCY PROJECT

- Dr. Jorge Bernal, DDS, MPH—CDC Dental Public Health Resident
- State Dental Sealant Coordinator and Health Education Specialist
- Dental Sealant Programs in the State of Georgia
- Research question: Are counties with the highest risk for dental caries the most likely to have access to dental safety net programs?
- Hypothesis: County risk status is not associated with whether a county has access to safety net services.

WHAT'S COMING NEXT?

- Launch of *Healthy People 2030*, March 31, 2020
- National Oral Health Conference Session
- Surgeon General's (VADM Jerome Adams) interest in *Healthy People—Oral Health Topic Area*
- Leading Health Indicator (LHI)

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The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

