

SUPPLEMENTAL MATERIAL

Appendix 1. Healthy People Summary

Managed by the Office of Disease Prevention and Health Promotion, Healthy People 2020 (HP2020) is led by a Federal Interagency Workgroup (FIW), which is a steering committee composed of 44 designated representatives from 35 Departments and Agencies. Monthly, the FIW provides subject matter expertise and consultation to the Assistant Secretary for Health to guide implementation of HP2020 (Supplemental Figure 1). The FIW developed the HP2020 Framework using the ecological and determinant approach, identifying overlap between determinants of health (physical and social environment, individual behavior, biology and genetics, and health services) and health outcomes. The vision, mission, and overarching goals of HP2020 reflect this framework (Supplemental Table 1).

In total, HP2020 includes 42 topic areas comprised of 1,288 objectives, each of which has a reliable data source identified, a baseline measure, and a target for specific improvements to be achieved by the year 2020. Led by subject matter experts from across HHS, the objectives were selected via a multifaceted process that drew upon the expertise of an independent federal advisory committee, scientific knowledge of HHS subject matter experts, and public stakeholder input. Nine criteria were considered during the objective development and selection process, including results that 1) are important and understandable to a broad audience, 2) are prevention oriented and address health improvements, 3) drive actions toward the achievement of proposed targets, 4) useful and reflect issues of national

importance, 5) measurable and should address a range of issues, 6) have continuity and comparability, 7) supported by the best available scientific evidence, 8) address population disparities, and 9) derived from valid, reliable, nationally representative data and data systems . To capture public and stakeholder attention, 26 Leading Health Indicators (LHIs) were identified from 12 topic areas (Supplemental Table 2). These LHIs represent high-priority health issues that, if addressed appropriately, will reduce the leading causes of preventable deaths and illnesses. The LHI include one Heart Disease and Stroke topic area objective (HDS-12) which seeks to “Increase the proportion of adults with hypertension whose blood pressure is under control” .

Supplemental Table 1. Healthy People 2020 Vision, Mission, and Overarching Goals (adapted from the Healthy People 2020 Framework¹)

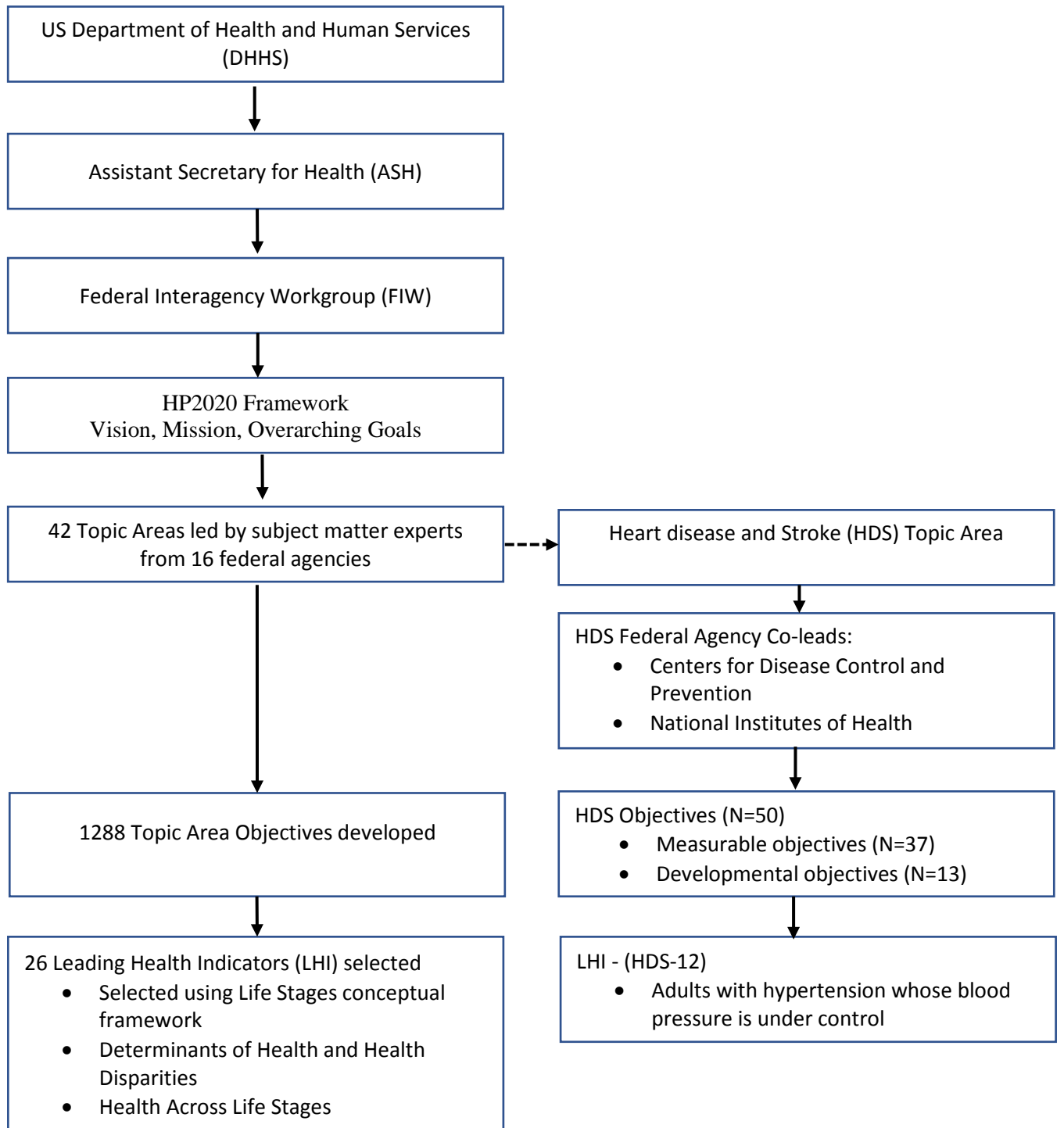
Vision -- A society in which all people live long, healthy lives.
Mission <ul style="list-style-type: none">• Identify nationwide health improvement priorities;• Increase public awareness and understanding of the determinants of health, disease, and disability and the opportunities for progress;• Provide 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 of Healthy People 2020 <ul style="list-style-type: none">• attain 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

Supplemental Table 2. HP2020 Leading Health Indicators include 26 indicators organized under 12 topics.

Healthy People 2020 Leading Health Indicators	
<i>Topics</i>	<i>Leading health Indicator</i>
Access to Health Services	<ul style="list-style-type: none"> • Persons with medical insurance (AHS-1.1) • Persons with a usual primary care provider (AHS-3)
Clinical Preventive Services	<ul style="list-style-type: none"> • Adults receiving colorectal cancer screening based on the most recent guidelines (C-16) • Adults with hypertension whose blood pressure is under control (HDS-12) • Persons with diagnosed diabetes whose A1c value is greater than 9% (D-5.1) • Children receiving the recommended doses of DTaP, polio, MMR, Hib, HepB, varicella and PCV vaccines by age 19–35 months (IID-8)
Environmental Quality	<ul style="list-style-type: none"> • Air Quality Index >100 (EH-1) • Children exposed to secondhand smoke (TU-11.1)
Injury and Violence	<ul style="list-style-type: none"> • Injury deaths (IVP-1.1) • Homicides (IVP-29)
Maternal, Infant, and Child Health	<ul style="list-style-type: none"> • All Infant deaths (MICH-1.3) • Total preterm live births (MICH-9.1)
Mental Health	<ul style="list-style-type: none"> • Suicide (MHMD-1)

	<ul style="list-style-type: none"> Adolescents with a major depressive episode in the past 12 months (MHMD-4.1)
Nutrition, Physical Activity, and Obesity	<ul style="list-style-type: none"> Adults meeting aerobic physical activity and muscle-strengthening objectives (PA-2.4) Obesity among adults (NWS-9) Obesity among children and adolescents (NWS-10.4) Mean daily intake of total vegetables (NWS-15.1)
Oral Health	<ul style="list-style-type: none"> Children, adolescents, and adults who visited the dentist in the past year (OH-7)
Reproductive and Sexual Health	<ul style="list-style-type: none"> Sexually active females receiving reproductive health services (FP-7.1) Knowledge of serostatus among HIV-positive persons (HIV-13)
Social Determinants	<ul style="list-style-type: none"> Students graduating from high school 4 years after starting 9th grade (AH-5.1)
Substance Abuse	<ul style="list-style-type: none"> Adolescents using alcohol or illicit drugs in past 30 days (SA-13.1) Binge drinking in past month—Adults (SA-14.3)
Tobacco	<ul style="list-style-type: none"> Adult cigarette smoking (TU-1.1) Adolescent cigarette smoking in past 30 days (TU-2.2)
Adapted from: HealthyPeople.gov and the Healthy People 2020 Framework^{1,2}	

Supplemental Figure 1. Schematic diagram depicting the Healthy People 2020 framework and goal development^{1,2}.



Supplemental References:

1. U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion, Washington, D.C. Healthy People 2020 Framework.
<https://www.healthypeople.gov/sites/default/files/HP2020Framework.pdf>. Accessed August 15, 2018.
2. U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion, Washington, D.C. HealthyPeople.gov. <https://www.healthypeople.gov>. Accessed August 15, 2018.