



Core Functions and Essential Services of Public Health

Presented by:
The California-Nevada
Public Health Training Center

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Learning Objectives

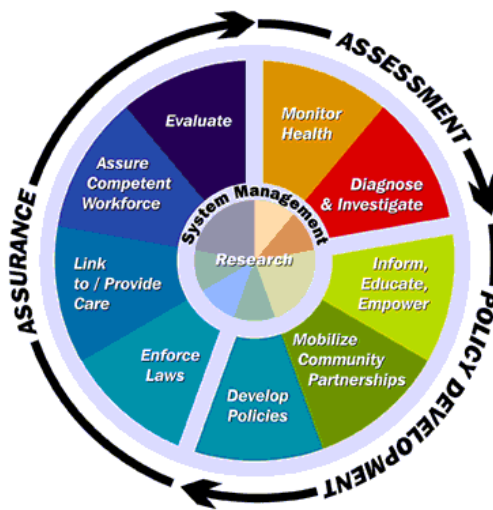
After this tutorial you will be able to...

1. Describe the three core functions of public health
2. State the mission and vision of public health
3. List the ten essential services of public health
4. Discuss the four overall goals of Healthy People 2020

Core Functions of Public Health

- Assessment
 - Assess health of population
 - Collect, analyze, and disseminate information on health of community
- Policy Development
 - Use scientific knowledge to make decisions and develop policy
- Assurance
 - Make needed services available and accessible to entire population

Essential Public Health Services



Core Function: Assessment

Essential Service	Examples
#1. <u>Monitor</u> Health Status to identify community health problems	<ul style="list-style-type: none"> • Assess community's health • Determine needed services • Collect data (e.g., vital statistics) • Analyze & disseminate results
#2. <u>Diagnose & investigate</u> health problems and health hazards in community	<ul style="list-style-type: none"> • Assess public health labs • Infectious and chronic disease epidemiology programs

Core Function: Policy Development

Essential Service	Examples
#3. <u>Inform, educate and empower</u> people about health issues	<ul style="list-style-type: none"> • Social marketing & media communication • Provide health information
#4. <u>Mobilize community partnerships</u> to identify & solve health problems	<ul style="list-style-type: none"> • Partnerships & coalitions with community organizations • Defined health improvement planning and projects
#5. <u>Develop policies</u> and plans that support individual & community health efforts	<ul style="list-style-type: none"> • Develop policy & legislation to improve health • Develop & track measurable health objectives in community

Core Function: Assurance

Essential Service	Examples
#6. Enforce laws and regulations that protect health & ensure safety	<ul style="list-style-type: none"> • Enforce housing, food quality, sanitation, & clean air codes • Protect water supply
#7. Link people to needed personal health service & assure the provision of health care when otherwise unavailable	<ul style="list-style-type: none"> • Provide culturally & linguistically appropriate materials and staff • Care management programs • Transportation services

Core Function: Assurance

Essential Service	Examples
#8. Assure competent public and personal health care workforce	<ul style="list-style-type: none"> • Training & continuing education programs • Licensure of health professionals
#9. Evaluate effectiveness, accessibility, and quality of personal and population-based services	<ul style="list-style-type: none"> • Evaluation of health programs to assess program effectiveness

Core Function: All 3

Essential Service	Examples
#10. Research for new insights and innovative solutions to health problems	<ul style="list-style-type: none">• New research to identify evidence-based best practices• Partnerships with universities to uncover new scientific knowledge

Healthy People Initiative

- Goals:
 - Identify nationwide health improvement priorities to promote health and prevent disease
 - Increase public awareness & understanding of the determinants of health, disease, and disability and opportunities for progress
 - Provide measurable objectives & goals at the national, state, and local levels
 - Encourage different sectors (not just health sector) to act and improve policies/practices based on best evidence
 - Identify critical data needs





Evolution of Healthy People

- Updated and revised over time





Title of Initiative	Published	Objectives for
Healthy People: Surgeon General's Report on Health Promotion and Disease Prevention	1979	1990
Healthy People 2000	1990	2000
Healthy People 2010	2000	2010
Healthy People 2020	2010	2020

- Used by public health organizations at all levels to assess current state of population's health and identify areas for improvement.





Evolution 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 			
# Topic Areas	15			
# Objectives	226			





Evolution 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 		
# Topic Areas	15	22		
# Objectives	226	312		

Evolution 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 	
# Topic Areas	15	22	28	
# Objectives	226	312	467	

Evolution 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, disability, injury, & premature death Achieve health equity; eliminate disparities Create social & physical environments that promote good health Promote quality of life, healthy development, healthy behaviors across all life stages
# Topic Areas	15	22	28	42
# Objectives	226	312	467	< 600

Healthy People 2020 Topic Areas

Same as Healthy People 2010

- Access to health services
- Arthritis, osteoporosis, chronic back conditions
- Cancer
- Chronic kidney disease
- Diabetes
- Disability & health
- Educational & community-based programs
- Environmental health
- Family planning
- Food safety
- Health communication & health IT
- Hearing & other sensory or communication disorders
- Heart disease & stroke
- HIV
- Immunization & infectious disease
- Injury & violence prevention
- Maternal, infant, & child health
- Medical product safety
- Mental health and mental disorders
- Nutrition & weight status
- Occupational safety & health
- Oral health

- Physical activity
- Public health infrastructure
- Respiratory diseases
- Sexually transmitted diseases
- Substance abuse
- Tobacco use
- Vision & hearing

Added in Healthy People 2020

- Adolescent health
- Blood disorders & blood safety
- Dementias, including Alzheimer's Disease
- Early & middle childhood
- Genomics
- Global health
- Healthcare-associated infections
- Health-related quality of life
- Lesbian, gay, bisexual, and transgender (LGBT) health issues
- Older adults
- Preparedness
- Sleep health
- Social determinants of health

Examples of Objectives

(www.healthypeople.gov/2020/topicsobjectives2020)

Focus Area		Objective		Baseline	2020 Target
#1	Access to health services	3	Increase proportion of persons with a usual primary care provider	76.3%	83.9%
#18	Healthcare-associated infections	2	Reduce invasive healthcare-associated methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infections	27.08 infections per 100,000 persons	6.56 infections per 100,000 persons
#41	Tobacco use	11.3	Reduce proportion of nonsmokers 18 years or older exposed to environmental tobacco smoke	37.6%	33.8%

Healthy People 2020 Resources

- Website:
<http://www.healthypeople.gov/2020>
- List of focus areas and objectives:
– www.healthypeople.gov/2020/topicsobjectives2020
- Data to track progress in achieving objectives:
– <http://www.healthypeople.gov/2020/data/default.aspx>

Public Health Challenges for the 21st Century

- New infectious diseases
- Increase in selected chronic diseases
- Climate change
- Rising costs of medical care & reform
- Modifying unhealthy human behaviors
- Need to strengthen public health system
- Persistent disparities in health