

Healthy People at the Forefront of Public Health



HEALTHY PEOPLE
The Surgeon General's Report On
The Nation's Health and Health Priorities



1979



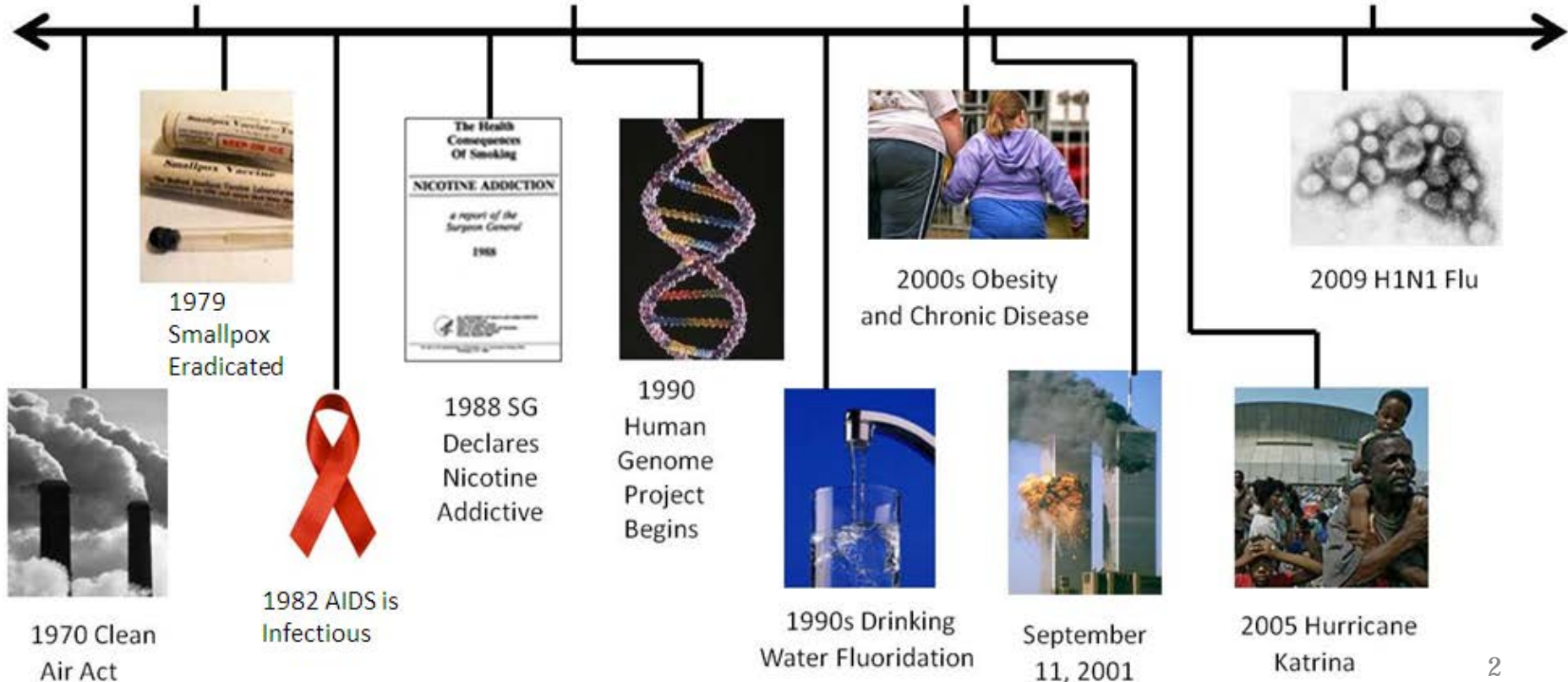
1990







2000



2010



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 • 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
# Topic Areas	15	22	28	42
# Objectives/Measures	226	312	1,000	~1,200 3



Healthy People 2020: Public Health Infrastructure Topic Area



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Public Health Infrastructure

Overview

Objectives

National Snapshots

Goal

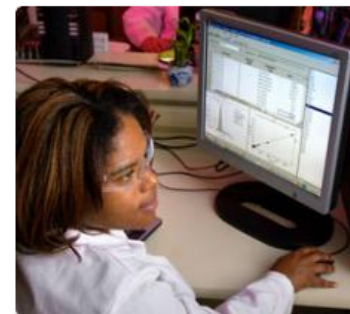
To ensure that Federal, State, Tribal, territorial, and local health agencies have the necessary infrastructure to effectively provide essential public health services.

Overview

Public health infrastructure provides communities, states, and the Nation the capacity to prevent disease, promote health, and prepare for and respond to both acute (emergency) threats and chronic (ongoing) challenges to health. Infrastructure is the foundation for planning, delivering, evaluating, and improving public health.

Why Is Public Health Infrastructure Important?

All public health services depend on the presence of basic infrastructure. Every public health program—such as immunizations, infectious disease monitoring, cancer and asthma prevention, drinking water quality, injury prevention—requires health professionals who are competent in cross-cutting and technical skills, up-to-date information systems, and public health organizations with the capacity to assess and respond to community health needs. Public health infrastructure has been referred to as “the nerve center of the public health system.”¹



View HP2020 Data for:

► [Public Health Infrastructure](#)

Healthy People
2020

While a strong infrastructure depends on many organizations, public health agencies (health departments) are considered primary players. Federal agencies rely on the presence of solid public health infrastructure at all levels² to support the implementation of public health programs



Public Health Infrastructure

Lead Agencies

- Centers for Disease Control and Prevention – Liza Corso, Senior Advisor, Division of Public Health Performance Improvement, Office of State Territorial and Tribal Support (LCorso@cdc.gov)
- Health Resources and Services Administration – Emily DeCoster, Public Health Analyst, Office of Research and Evaluation

National Center for Health Statistics

- Health Promotion Statistics Branch - Sirin Yaemsiri, PhD, Epidemiologist (wkq7@cdc.gov)

Office of Disease Prevention and Health Promotion

- Community Strategies Division, Yen Lin, MPH, Public Health Advisor



Current Workforce Objectives PHI 4 and 6

Current Objs	Measure
PHI-4.1	% of 4-yr colleges and universities with public health or related <u>majors</u>
PHI-4.2	% of 4-yr colleges and universities with public health or related <u>minors</u>
PHI-6.1	% of 2-yr colleges with public health or related <u>associate degrees</u>
PHI-6.2	% of 4-yr colleges with public health or related <u>certificate programs</u>

Issues with current objectives:

- Methodology not reproducible
- Measures don't focus well on an end goal— i.e., pipeline or education information (degrees conferred)
- Measures don't include graduate degrees



Proposal for Revising Objectives

Objs	Measure
1	Number of <u>associate's degree or certificates</u> awarded that are public health or related
2	Number of <u>bachelor degrees</u> awarded that are public health or related
3	Number of <u>graduate degrees</u> awarded that are public health or related

Proposed data source: [Integrated Postsecondary Education Data System](#) (IPEDS), National Center for Education Statistics



Proposal, continued

“Public health or related” to be defined based on CIP Codes:

- All categorized as 51.22 Public Health
- All with “See also: 51.22” notes, which include:
 - Epidemiology (26.1309)
 - Health Policy Analysis (44.0503)
 - Dental Public Health and Education (51.0504)

⊖ 51.21) Podiatric Medicine/Podiatry.

51.2101) Podiatric Medicine/Podiatry.

⊖ 51.22) Public Health.

51.2201) Public Health, General.

51.2202) Environmental Health.

51.2205) Health/Medical Physics.

51.2206) Occupational Health and Industrial Hygiene.

51.2207) Public Health Education and Promotion.

51.2208) Community Health and Preventive Medicine.

51.2209) Maternal and Child Health.

51.2210) International Public Health/International Health.

51.2211) Health Services Administration.

51.2212) Behavioral Aspects of Health.

51.2299) Public Health, Other.

⊖ 51.23) Rehabilitation and Therapeutic Professions.



Discussion Opportunities

- Focus of objectives -- is number of degrees conferred an appropriate measure?
- To what extent is type of institution important (e.g., 4-year and 2 year institutions, degree-granting and non-degree granting, private not for profit, private for profit, public)?
- If or where we should include post-baccalaureate certificates? (could this be within 4.1 or should this only be sub-baccalaureate? If only sub-bac, then where could post-baccalaureate certificates best be included?)
- Other questions / feedback?



Development and Input Process

- Ongoing PHI Team conversations
- Conversations and data from AAC&U
- Internal conversations and input within CDC (OSTLTS and CSELS)
- Outreach to select subject matter experts
- Department of Education IPEDS – review of definitions and data
- **Council on Linkages Between Academia and Public Health Practice**
 - **Consortium of national organizations focused on public health workforce**
- TBD: Department of Education IPEDS data team
- TBD: Healthy People 2020 Federal Interagency Workgroup



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