

# Evolution of Public Health and the Role of the Nurse

ECHAlliance Global Health Connector





# U.S. PUBLIC HEALTH SERVICE COMMISSIONED CORPS

## Who We Are

The USPHS Commissioned Corps is one of the eight uniformed services and is composed of over 6,000 full-time public health professionals.



## What We Do



Provide essential healthcare services to underserved and vulnerable populations.



Serve at the forefront of public health emergencies including natural disasters and disease outbreaks.



Lead public health programs and policy development within the Department of Health and Human Services and throughout the federal government.



Advance innovation and science to address our nation's most challenging public health crises, such as COVID-19, Ebola, cancer, food safety, mental health and more.



# PROFESSIONAL CATEGORIES




MEDICAL



DENTIST




VETERINARIAN



NURSE



THERAPIST




PHARMACIST



DIETICIAN




HEALTH SERVICES



ENGINEER



ENVIRONMENTAL HEALTH



SCIENTIST





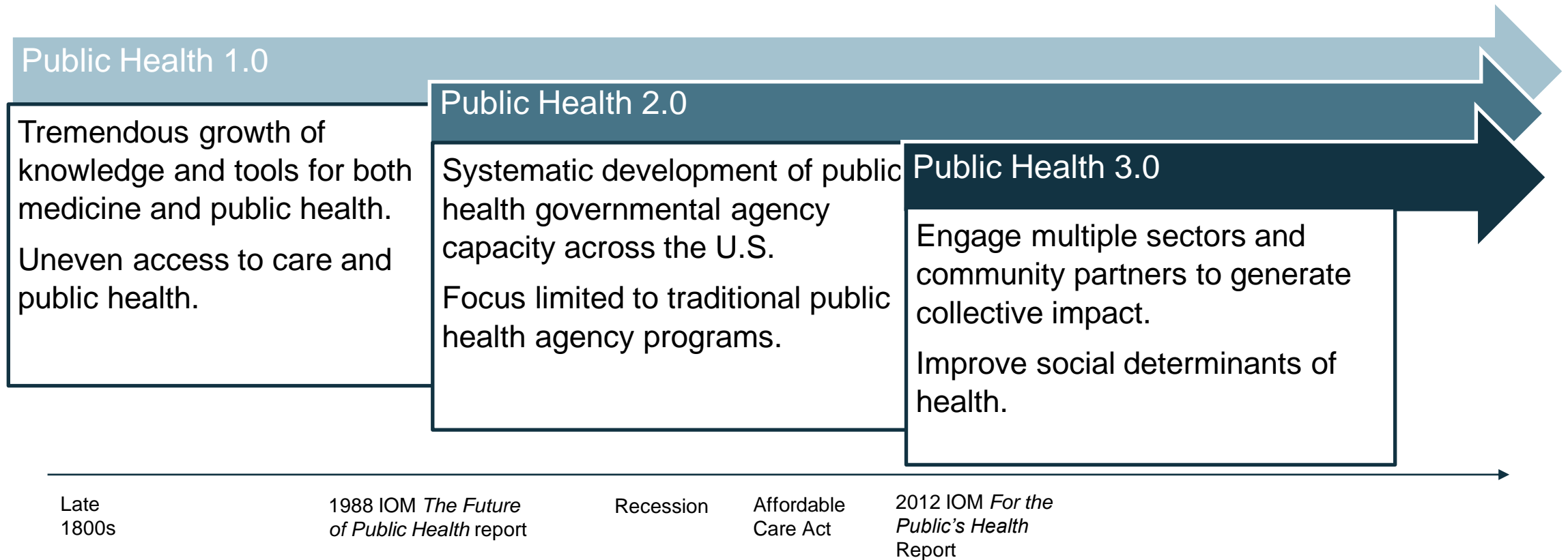
# U.S. Department of Health and Human Services (HHS)

## Mission

*Enhance the health and well-being of all Americans, by providing for effective health and human services and by fostering sound, sustained advances in the sciences underlying medicine, public health, and social services.*



# EVOLUTION OF PUBLIC HEALTH PRACTICES



DeSalvo KB, Wang YC, Harris A, Auerbach J, Koo D, O'Carroll P. (2017). Public Health 3.0: A call to action for public health to meet the challenges of the 21st Century. DOI: <http://dx.doi.org/10.5888/pcd14.170017>



# LEVERAGING PUBLIC HEALTH NURSES

## Federal, State, Tribal, Territorial, Local Engagement

- PHN Roles & Functions
  - Public Health 3.0
  - Chief Health Strategist
- Centering Community
  - Social Determinants of Health
  - Upstream, Midstream, Downstream Thinking



# WHAT IS

## Nursing

## Medicine

## Public Health

	Nursing	Medicine	Public Health
Primary Focus	Individual, families, groups, communities, populations	Individual	Individual, families, groups, communities, populations
Ethic	Caring	Personal service	Public service
Emphasis	Diagnosis, treatment of human responses	Diagnosis, treatment, care of the whole patient	Prevention, health promotion of the community
Central to Paradigm	Optimization of health and human functioning	Predominant emphasis on medical care	Environment, human behavior, medical care
Driving Force	Alleviation of suffering	Needs of Patients	Major threats to the health of populations
Sector	Wherever healthcare consumers need care	Mainly private sector	Mainly public sector

American Nurses Association. (2021). *Nursing: Scope and Standards of Practice* 4<sup>th</sup> ed.). Silver Spring, MD.

Committee on Integrating Primary Care and Public Health, Board on Population Health and Public Health Practice, & Institute of Medicine. (2012). *Primary Care and Public Health: Exploring Integration to Improve Population Health*. National Academies Press (US).

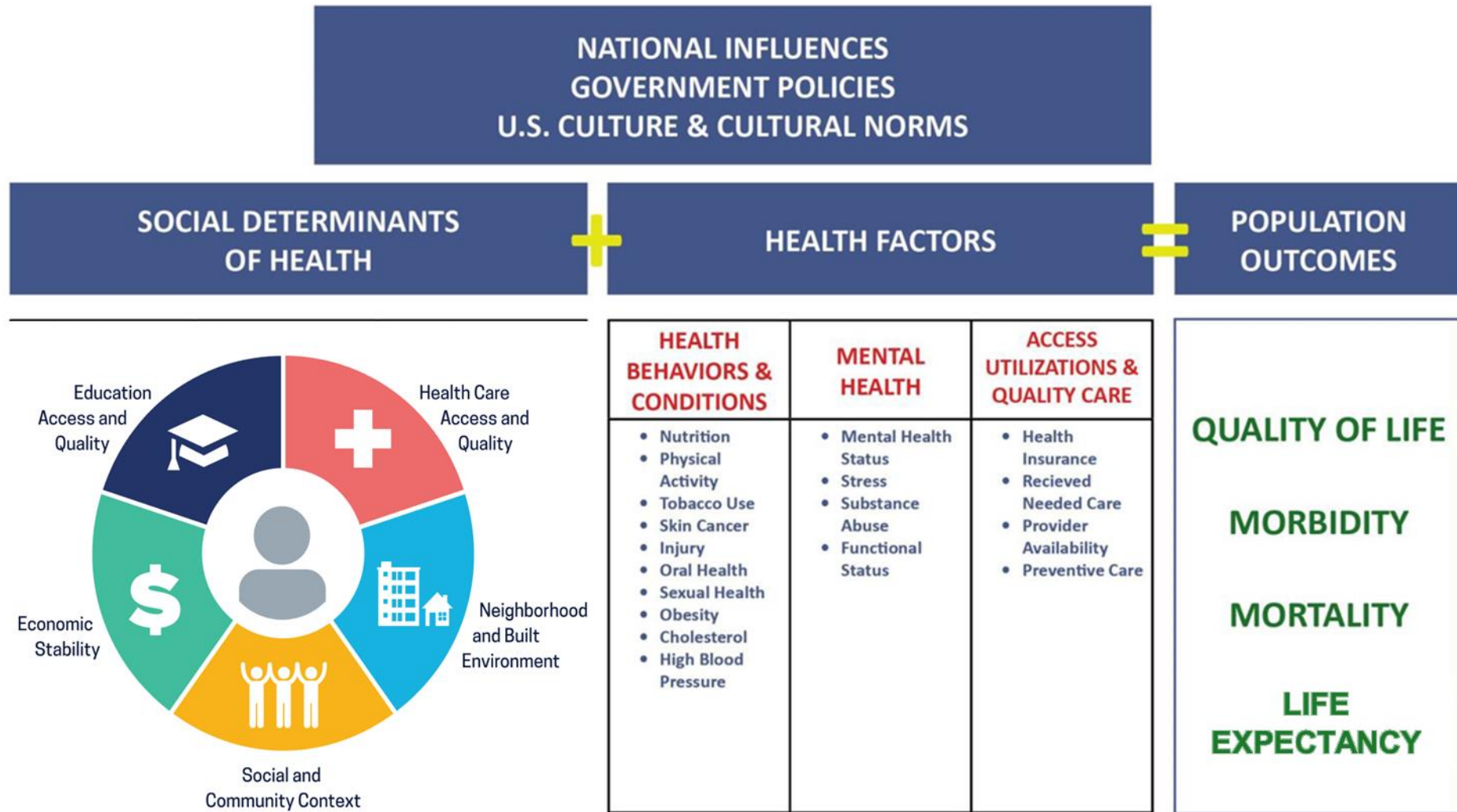


# EIGHT ROLES and FUNCTIONS OF PUBLIC HEALTH NURSING





# SOCIAL DETERMINANTS and UPSTREAM THINKING



# EQUITY-CENTERED DATA SYSTEM

- Sharing of best practices and standards for collecting data on race, ethnicity, and social determinants.
- Broader access to integrated data that reflects real-time needs of local communities.
- Timely and complete data to help public health authorities distribute resources equitably.



Accelerate data  
into action.

TOGETHER, WE ARE FOCUSED ON THE  
**DATA · PEOPLE · POLICIES**  
WE NEED TO *MOVE THE COUNTRY FORWARD*



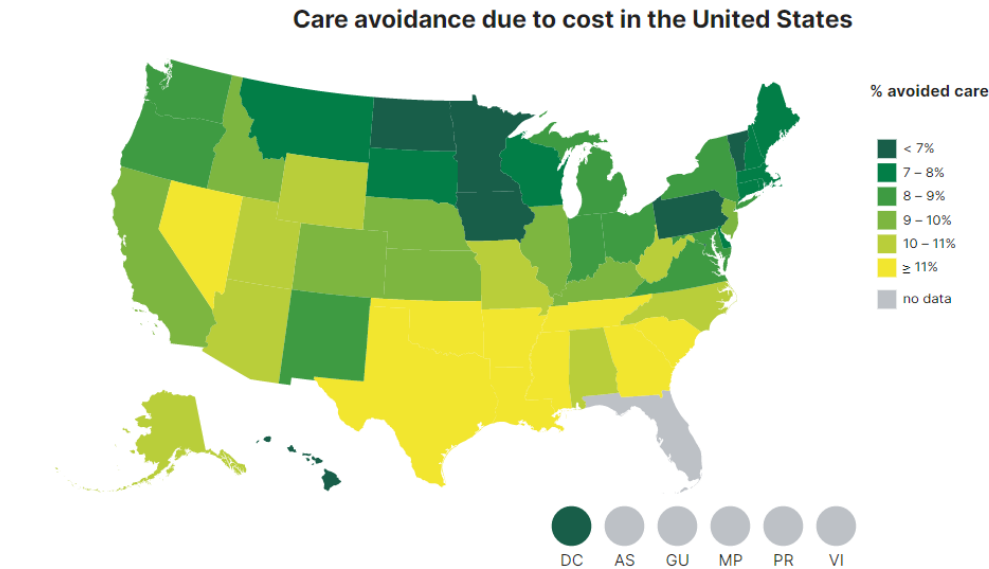
<https://www.cdc.gov/surveillance/data-modernization/index.html>



# Examples of SDoH-INFORMED DATA RESOURCES

## Health Equity Tracker

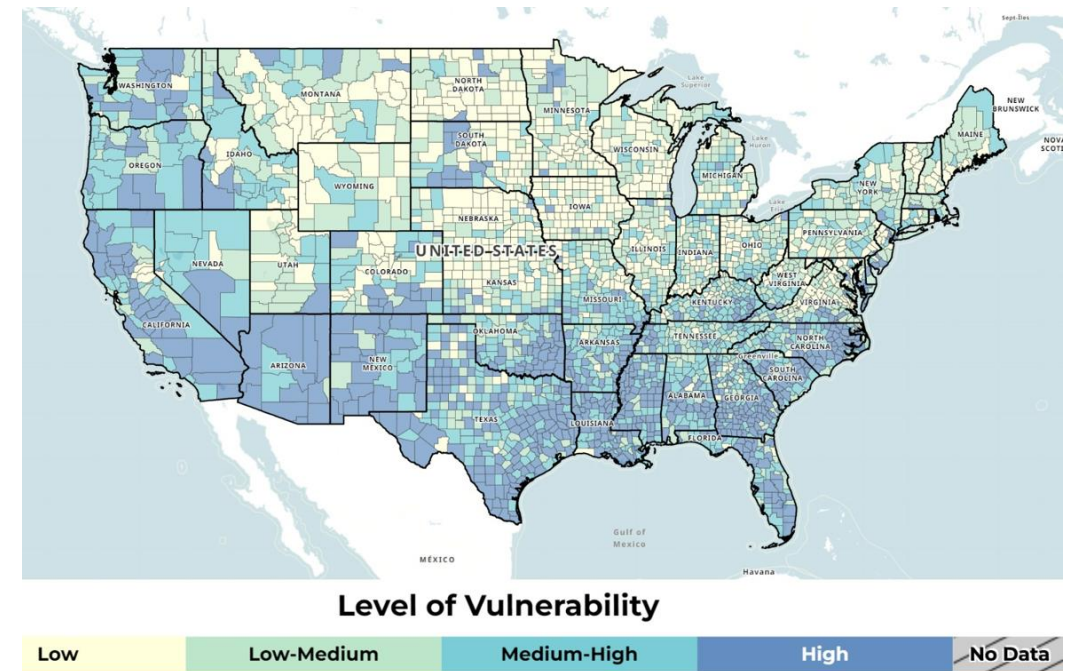
- Satcher Health Leadership Institute
- Identifies at-risk populations and highlights data inequities



United States › Total Population: 328,016,242

## Social Vulnerability Index

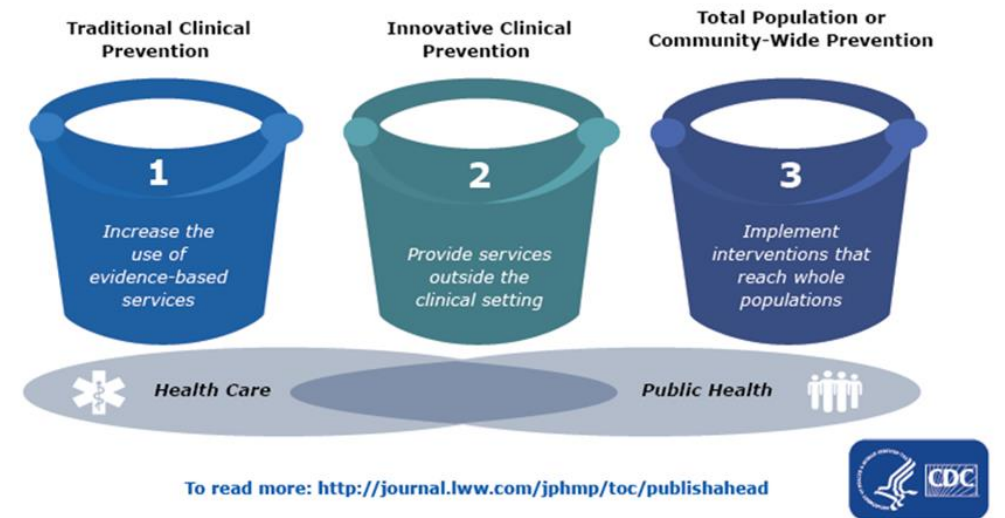
- Centers for Disease Control and Prevention
- Identifies communities that may need support before, during, or after disasters.



# ADVANCING the HEALTH of the PUBLIC

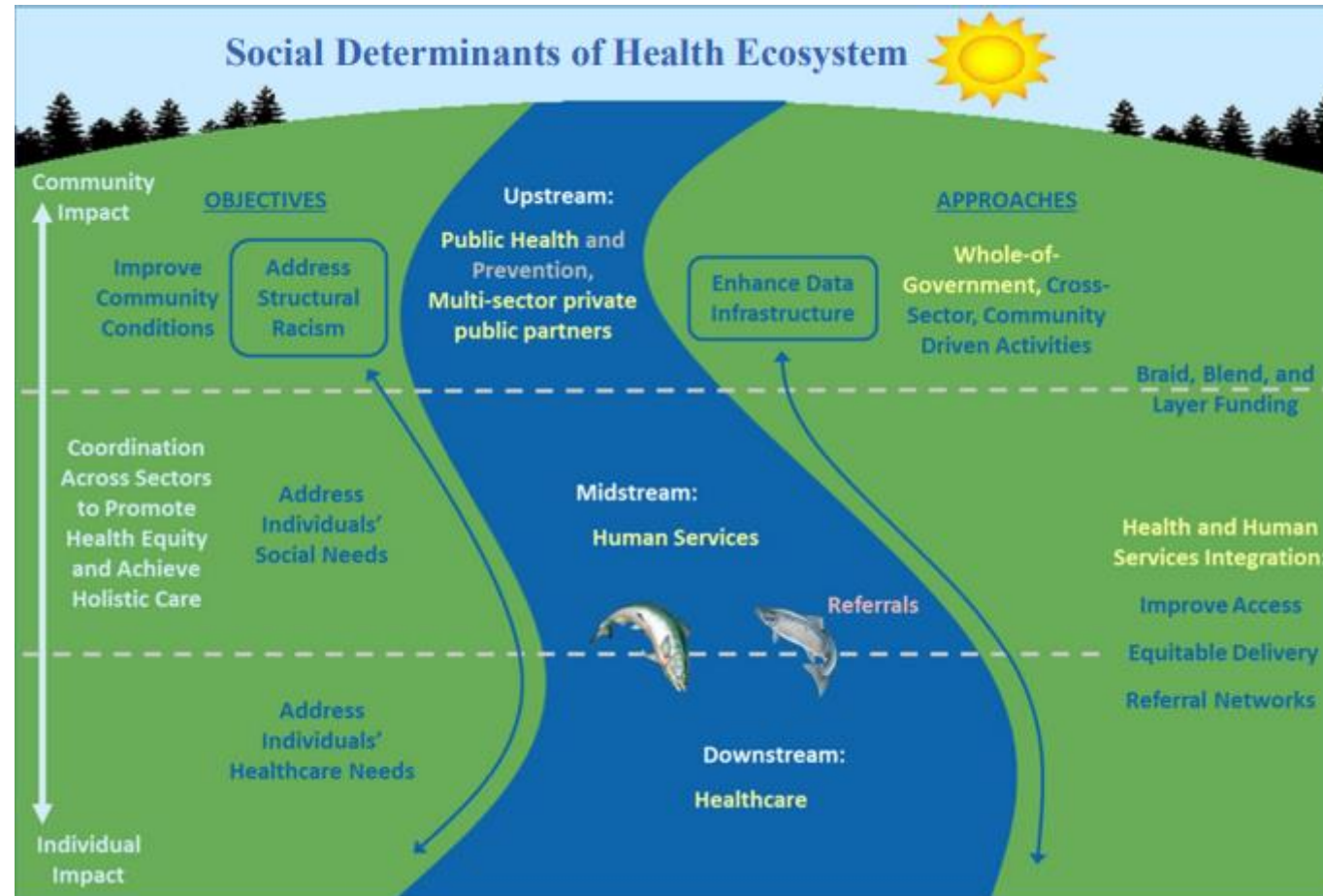
## PUBLIC HEALTH 3.0 and Beyond, Centering Community

- Transition from a focus on clinical prevention
- Timely, reliable, granular-level, and actionable data accessible to communities
- Targeting inequities to remove disparities
- Clear metrics to document success





# OUR WHY: ADDRESSING SDOH TO ACHIEVE HEALTH EQUITY



HHS strategy adapted from Castrucci B, Auerbach J. (2019). Meeting Individual Social Needs Falls Short of Addressing Social Determinants of Health. Health Affairs Blog.



# PUBLIC HEALTH PRACTICES: COVID-19 and BEYOND

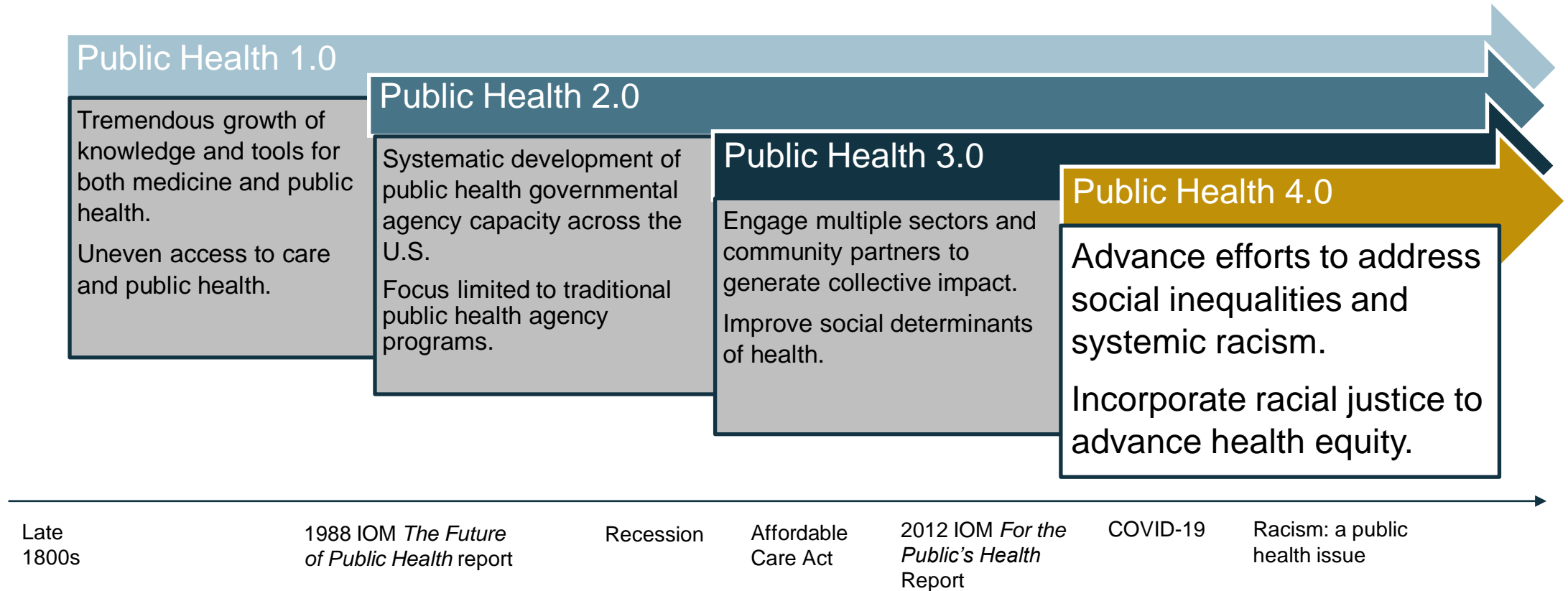


Figure adapted from DeSalvo KB, Wang YC, Harris A, Auerbach J, Koo D, O'Carroll P. (2017). Public Health 3.0: A call to action for public health to meet the challenges of the 21st Century. DOI: <http://dx.doi.org/10.5888/pcd14.170017>



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**Thank You,**

**Aisha K. Mix, DNP, MPH, RN, FAAN**

**Rear Admiral, Assistant Surgeon General  
Chief Nurse Officer, U.S. Public Health Service**



**COMMISSIONED CORPS  
OF THE U.S. PUBLIC HEALTH SERVICE**