



150 YEARS
OF ADVANCING
**PUBLIC
HEALTH**

Massachusetts Department of Public Health

Transforming Health Through a Public Health Lens

Massachusetts Medical Society
Public Health Leadership Forum
October 24, 2019

Monica Bharel, MD, MPH
Commissioner, Massachusetts Department of Public Health

Baker-Polito Administration



Governor Charlie
Baker & Lieutenant
Governor Karyn
Polito



Health and Human
Services Secretary
Marylou Sudders



Department of
Public Health
Commissioner
Monica Bharel

About DPH



1799

History of department
dates to Paul Revere



8 Bureaus, 6 Offices

DPH covers a range of issues
from birth until death



15 sites, 3000 employees

DPH is located across the
Commonwealth, and partners with
local boards of health



\$1 billion

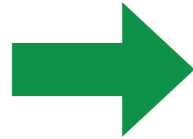
Annual budget, comprised of
federal, state, and grant funding

Public Health Breadth and Depth

Prevention and Wellness – Health Access – Nutrition – Perinatal and Early Childhood – Adult Treatment – Data Analytics and Support – Housing and Homelessness – Violence and Injury Prevention – Office of Statistics and Evaluation – Childhood Lead Poisoning Prevention – Community Sanitation – Drug Control – Occupational Health Surveillance – PWTF – SANE Program – Interagency Initiatives – Planning and Development – Prevention – Problem Gaming – Quality Assurance and Licensing – Youth and Young Adults – Early Intervention – Children and Youth with Special Needs – Epidemiology Program – Immunization Program – Global Populations and Infectious Disease Prevention – STI Prevention – HIV/AIDS – Integrated Surveillance and Informatics Services – Clinical Microbiology Lab – Chemical Threat, Environment and Chemistry Lab – Childhood Lead Screening – Environmental Microbiology and Molecular Foodborne Lab – STD/HIV Laboratories – Biological Threat Response Lab – Central Services and Informatics – Quality Assurance – Safety and Training – Health Care Certification and Licensure – Health Professional Licensure – Office of Emergency Medical Services – DoN – Medical Use of Marijuana – Shattuck Hospital – Mass Hospital School – Tewksbury Hospital – Western MA Hospital – State Office of Pharmacy Services – Office of Local and Regional Health – Office of Health Equity – Accreditation and Performance Management – ODMOA – OEM – HR and Diversity – Office of General Counsel – Office of CFO – Commissioner's Office

Our National Ranking

#2 Healthiest State in the Nation:



MASSACHUSETTS

From the 2018 *America's Health Rankings* Annual Report

My vision for MDPH

Massachusetts DPH will be a **national leader** in innovative, outcomes-focused public health based on a **data-driven** approach, with a focus on **quality public health and health care services** and an emphasis on the social determinants and **eradication of health disparities**.

Data, Determinants & Disparities:

A framework to drive programs, practices and policies for a healthier Commonwealth

The DPH House

VISION

Optimal health and well-being for all people in Massachusetts, supported by a strong public health infrastructure and healthcare delivery.

MISSION

Prevent illness, injury, and premature death; ensure access to high quality public health and health care services; and promote wellness and health equity for all people in the Commonwealth.

DATA

We provide relevant, timely access to data for DPH, researchers, press and the general public in an effective manner in order to target disparities and impact outcomes.

DETERMINANTS

We focus on the social determinants of health – the conditions in which people are born, grow, live, work and age, which contribute to health inequities.

DISPARITIES

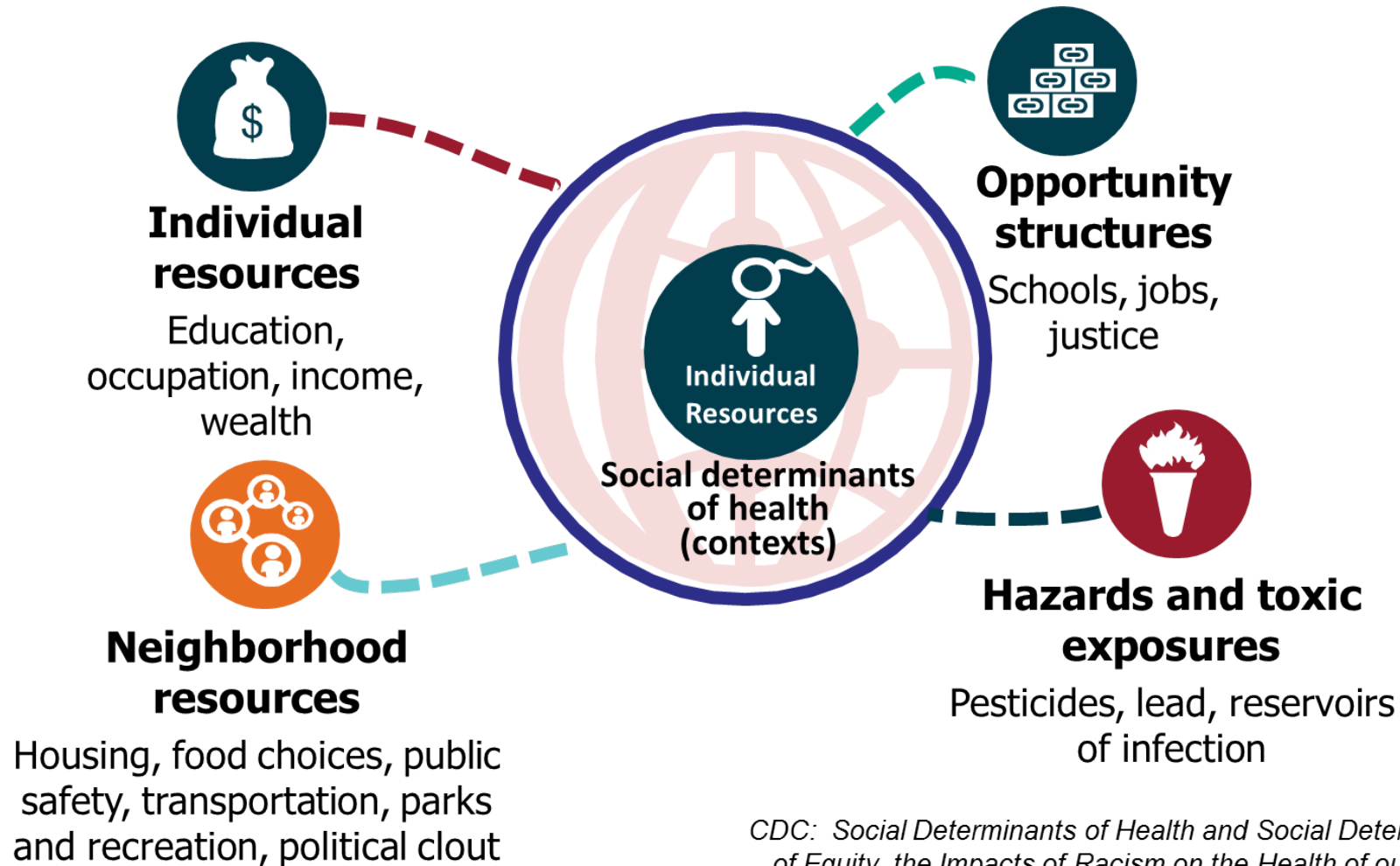
We consistently recognize and strive to eliminate health disparities amongst populations in Massachusetts, wherever they may exist.

EVERYDAY EXCELLENCE

PASSION AND INNOVATION

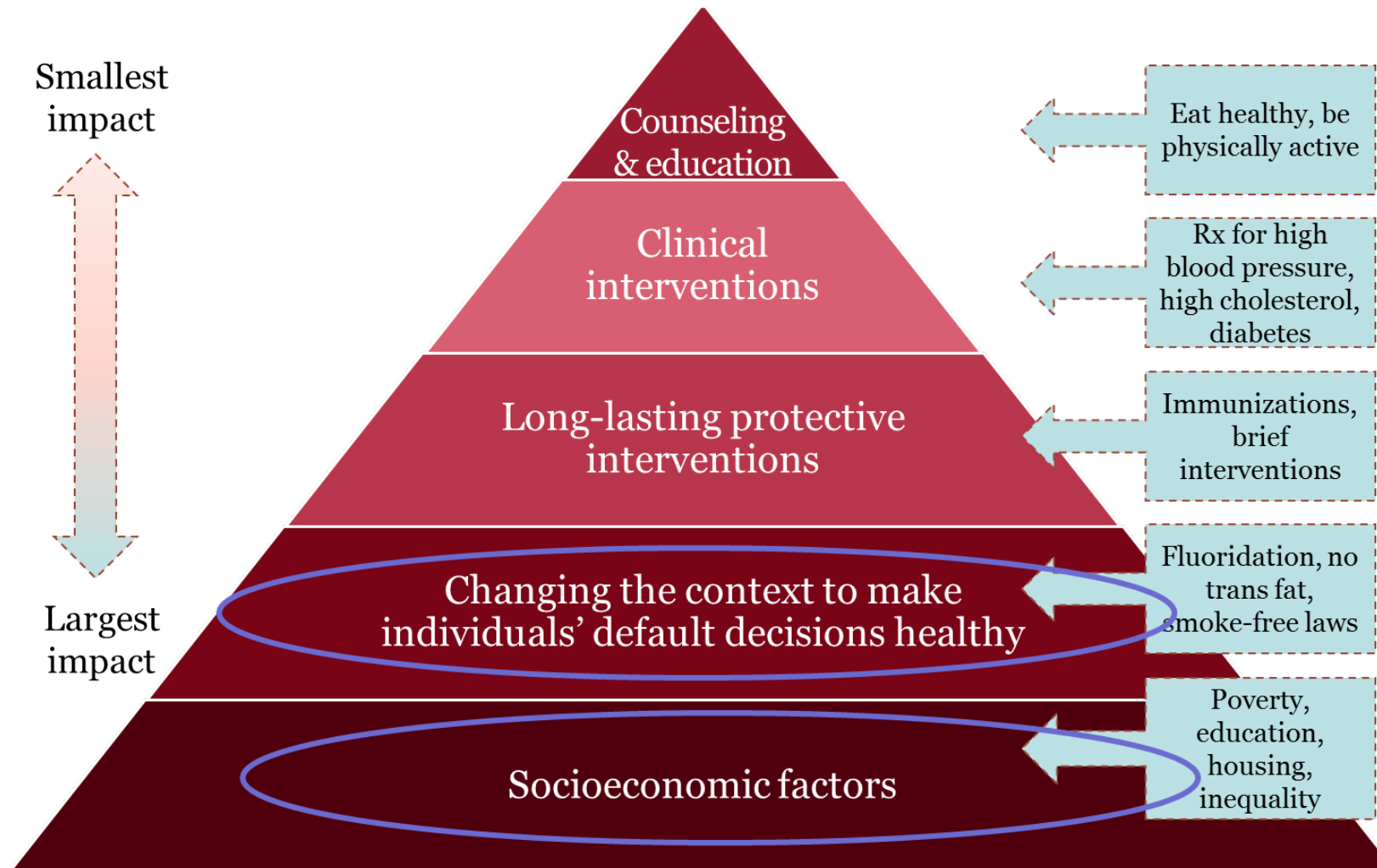
INCLUSIVENESS AND COLLABORATION

Social Determinants



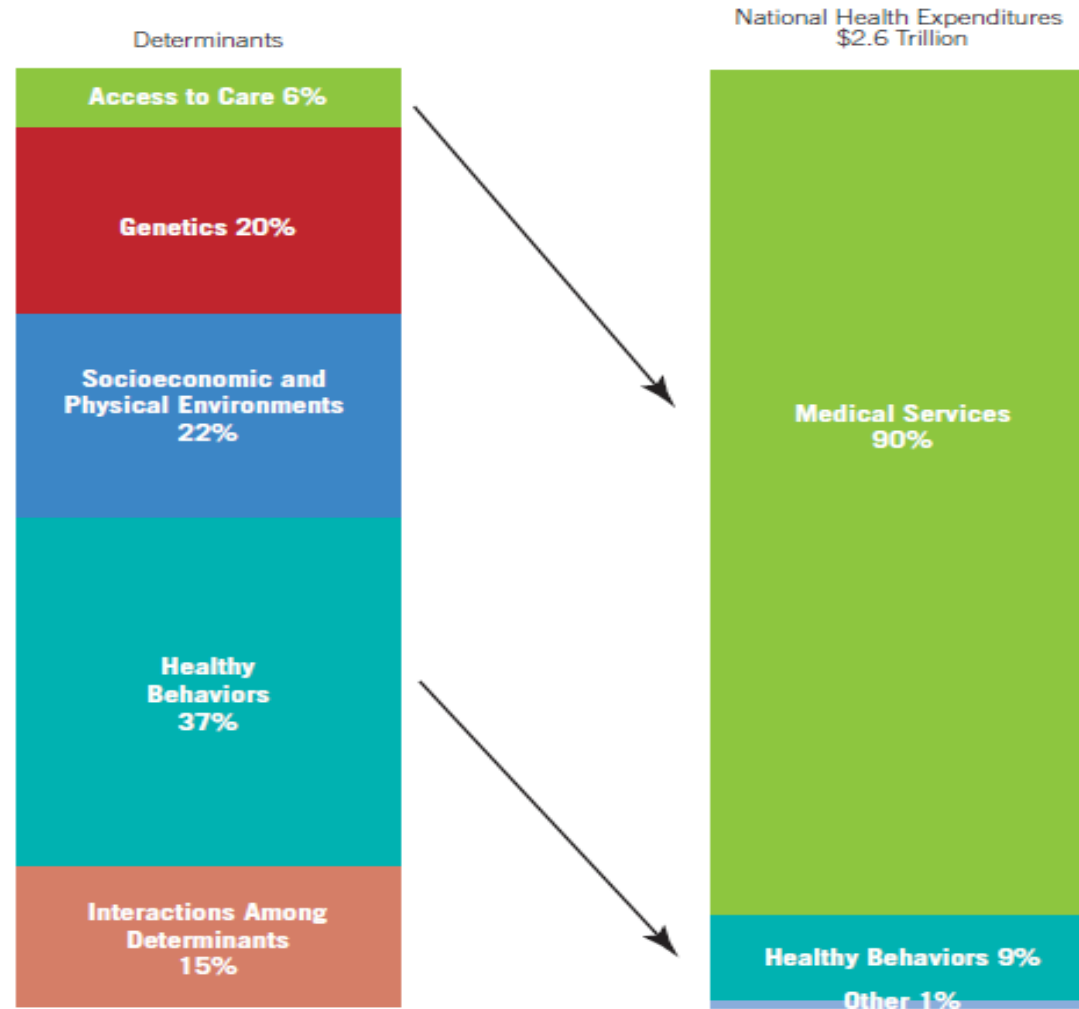
CDC: Social Determinants of Health and Social Determinants of Equity, the Impacts of Racism on the Health of our Nation

CDC Health Impact Pyramid



Determinants vs. Expenditures

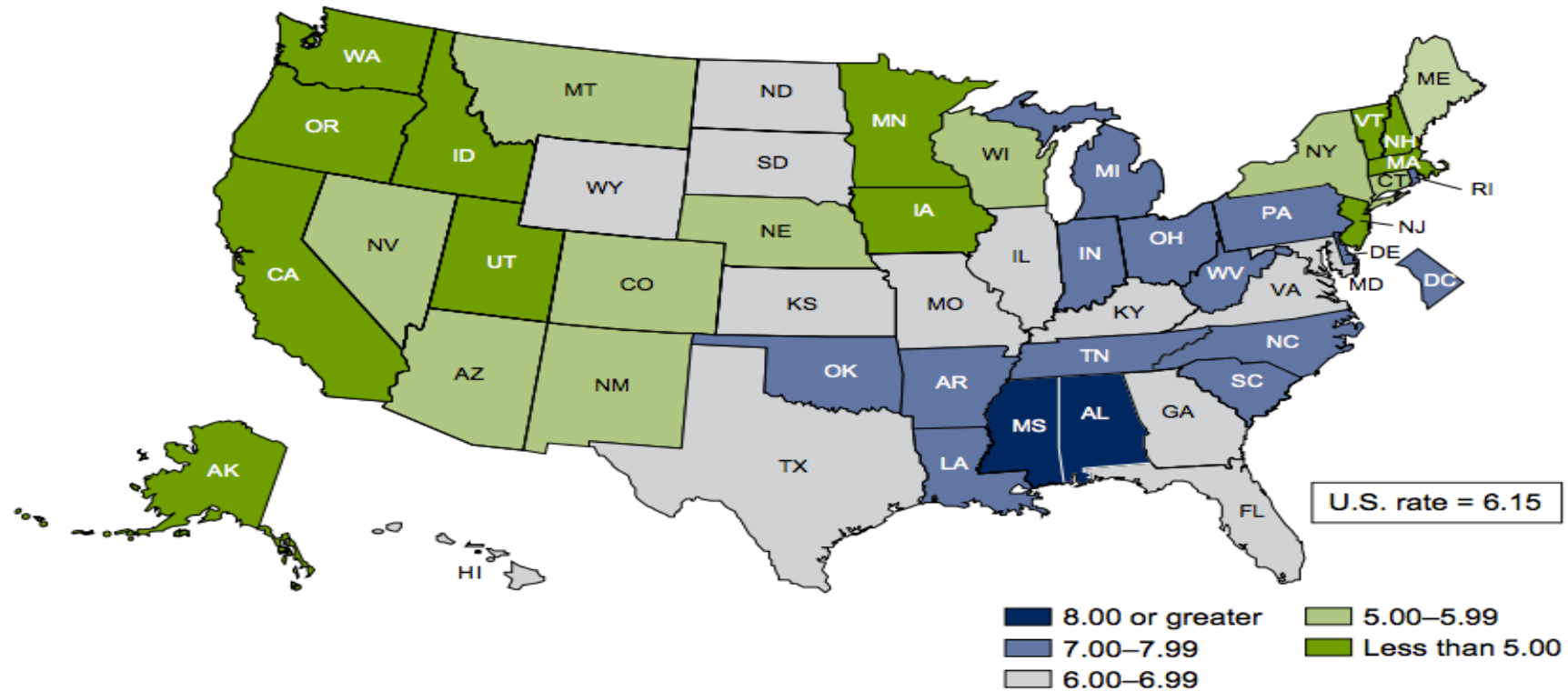
The Spending Mismatch: Health Determinants vs. Health Expenditures



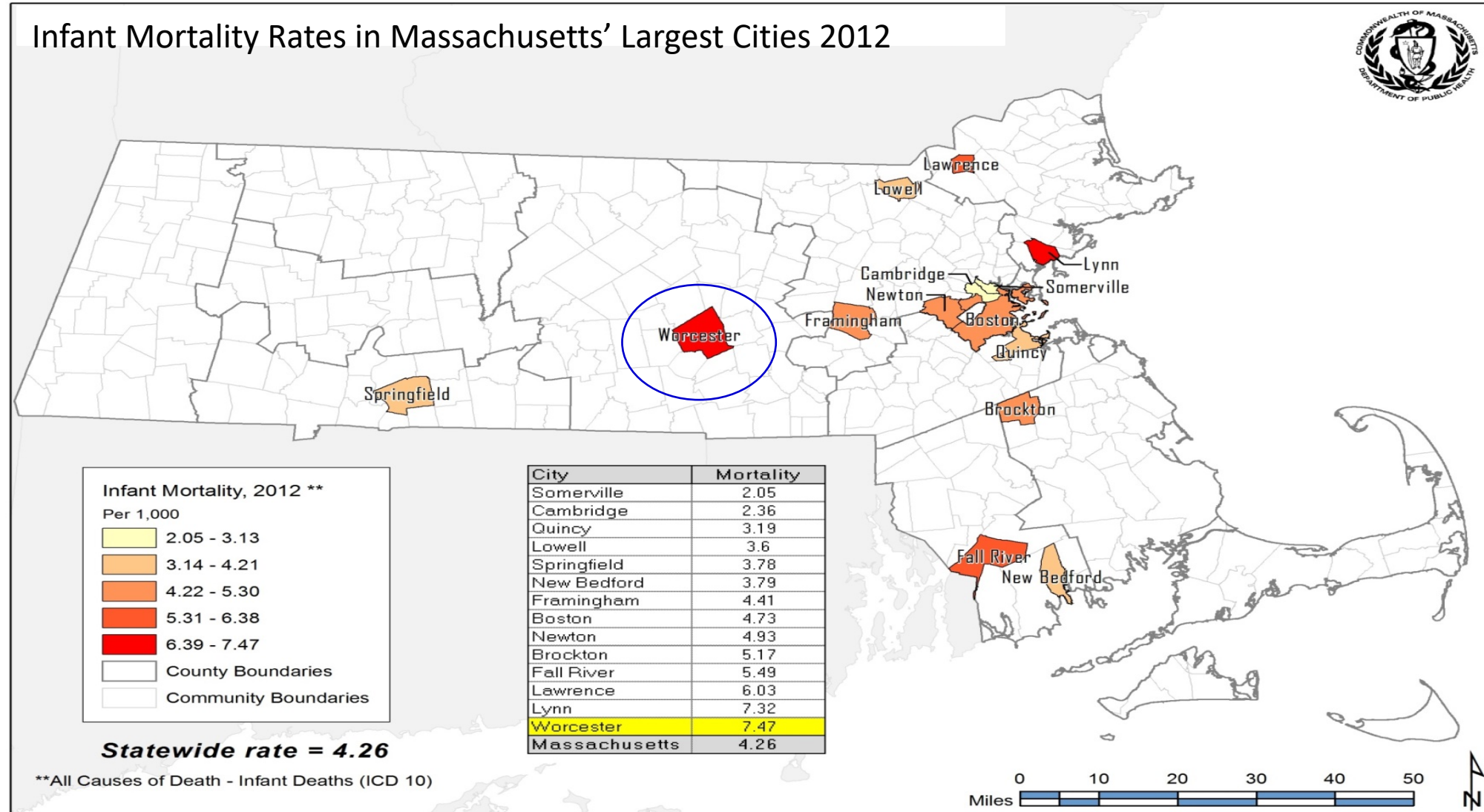
Source: NEHI and University of California, San Francisco, 2013.

A Focus on Health Equity

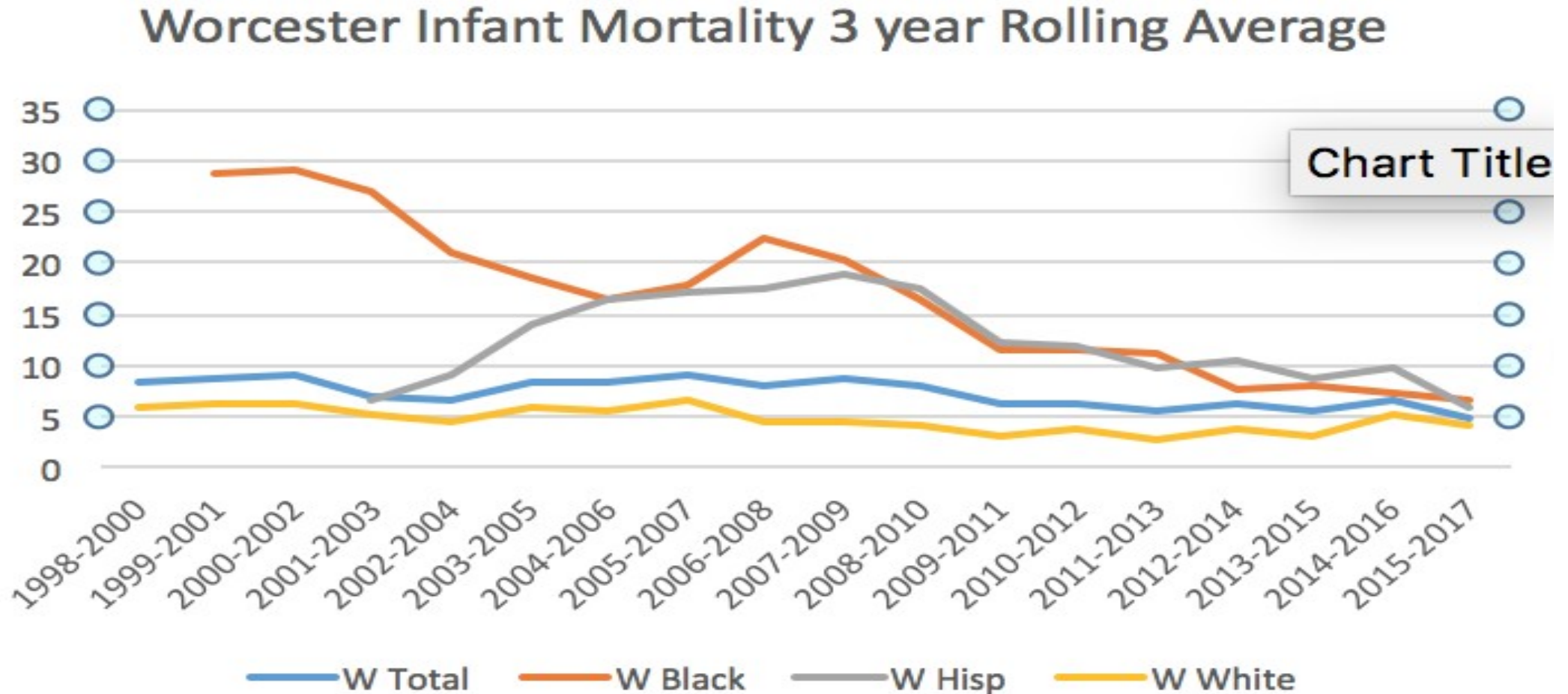
U.S. Infant Mortality Rate 2011



Infant Mortality: MA Largest Cities



Worcester Infant Mortality

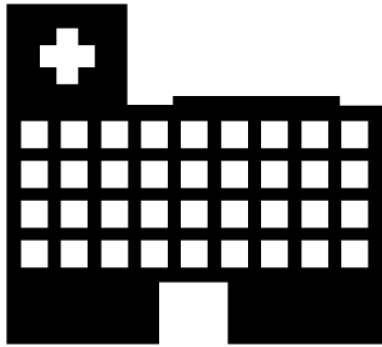


Source: Worcester Healthy Baby Collaborative

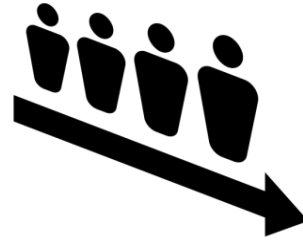
Social Determinants of Health:

Leveraging regulatory opportunities

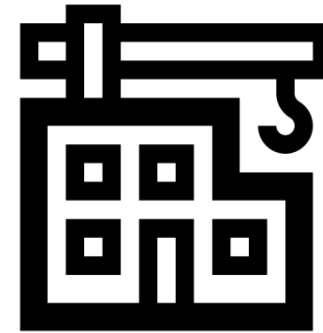
MA Determination of Need, Community Health Initiative



Hospital
Health Care System
Health Care Facility



Need to Expand /
Improve Health Care
Facilities



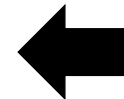
Determination of
Need Project

5%

Community Health
Initiative
Funding

\$\$\$

Project's
Maximum Capital
Expenditure



Standards for our Community Health Initiative: Strategies

Health Priorities



Source: Massachusetts State Health Assessment, 2017

Standards for our Community Health Initiative: Community Engagement

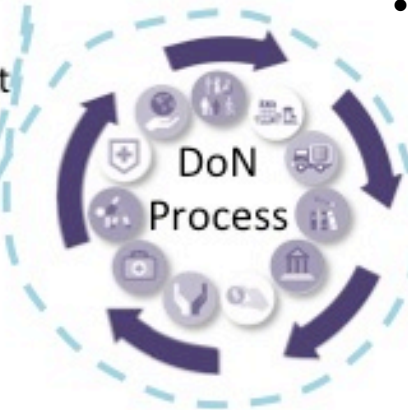


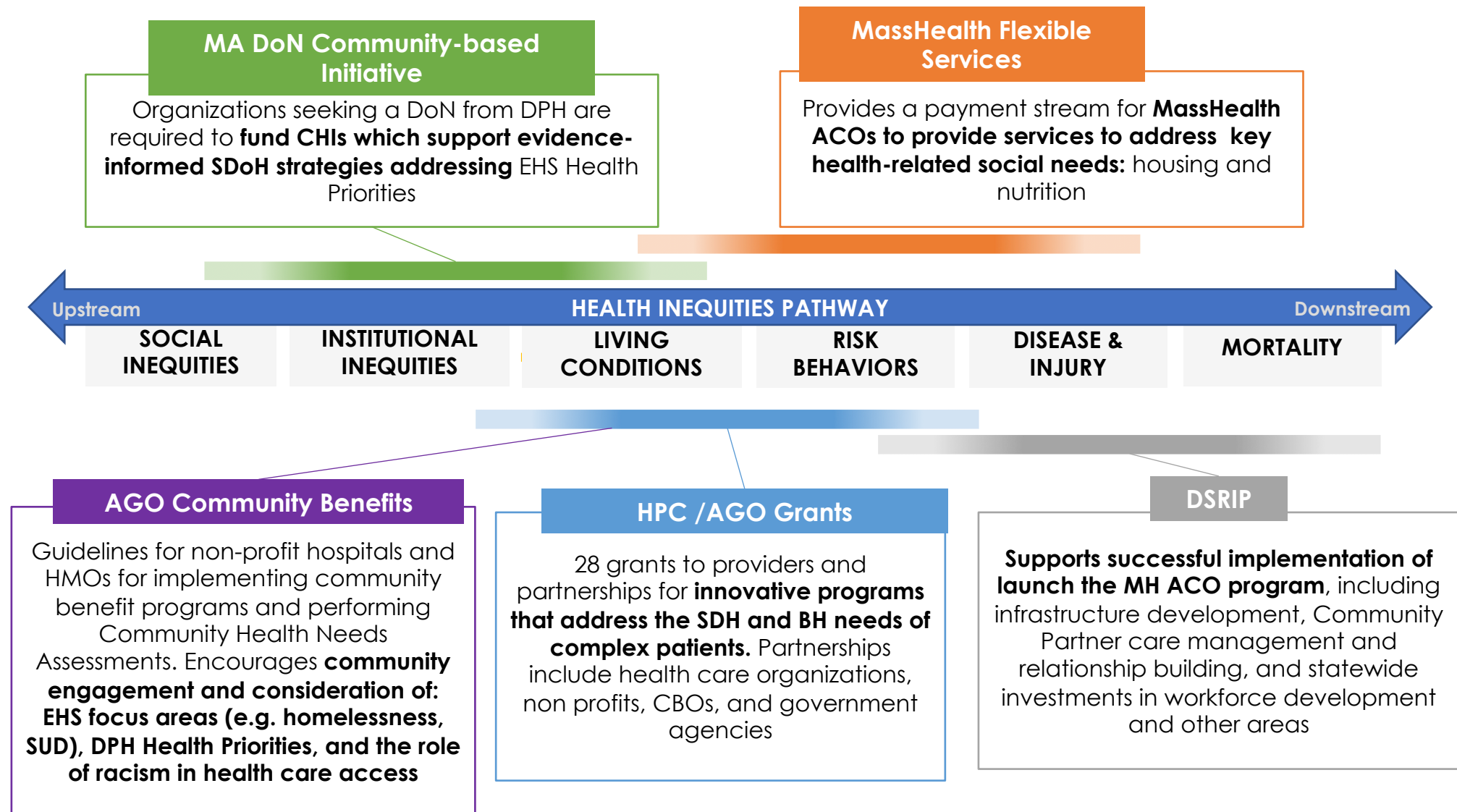
Community health improvement planning (CHIP):

- Continuous process of community engagement
- At different points in the process different types of community engagement may be necessary

DoN CHI planning process:

- Episodic and fitting into overarching CHIP



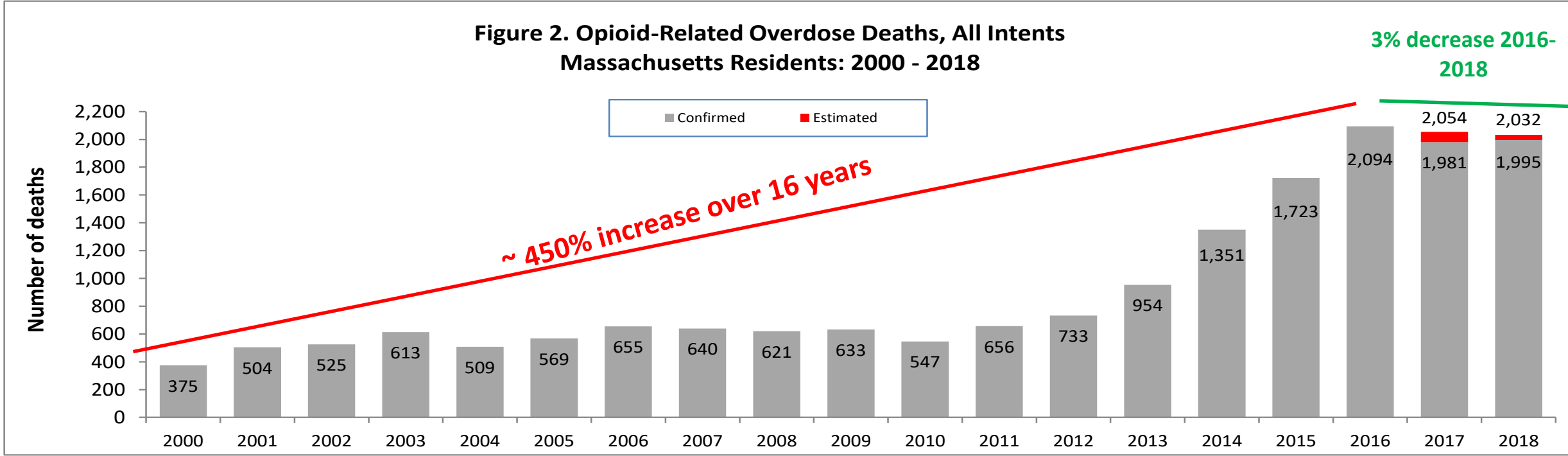


Social Determinants of Health:

Incorporating into our epidemic response

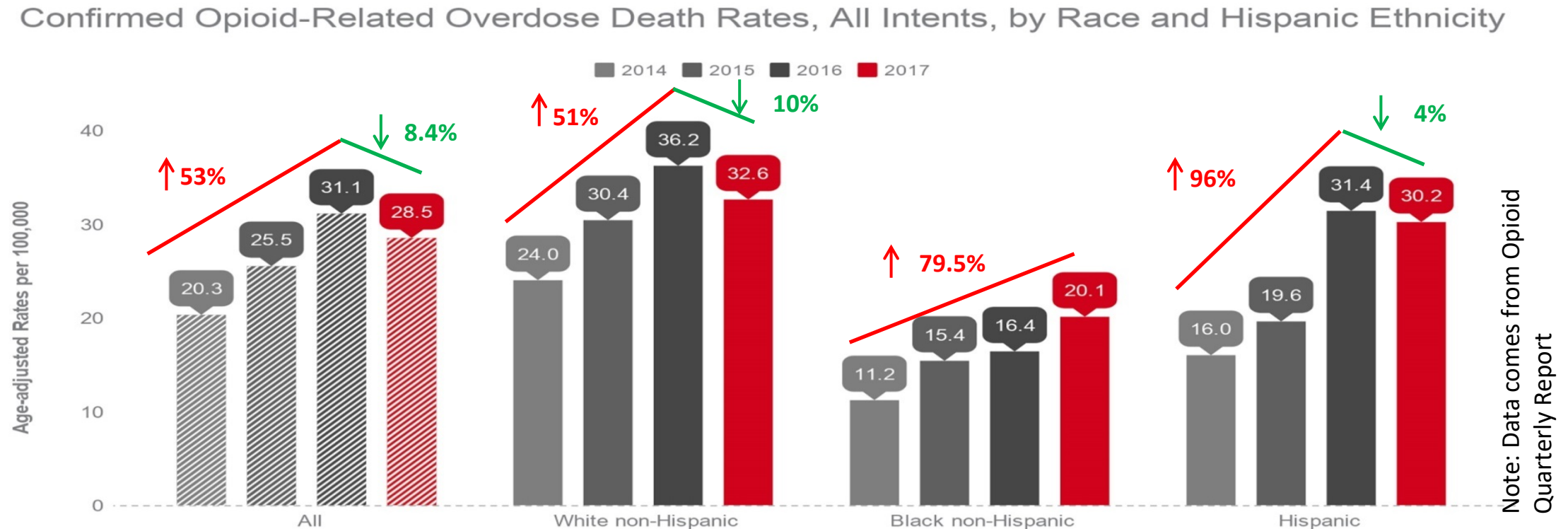
Opioid-related overdose deaths declined for a second straight year since 2016, for a total of an estimated 3% decrease between 2016 and 2018

Figure 2. Opioid-Related Overdose Deaths, All Intent
Massachusetts Residents: 2000 - 2018



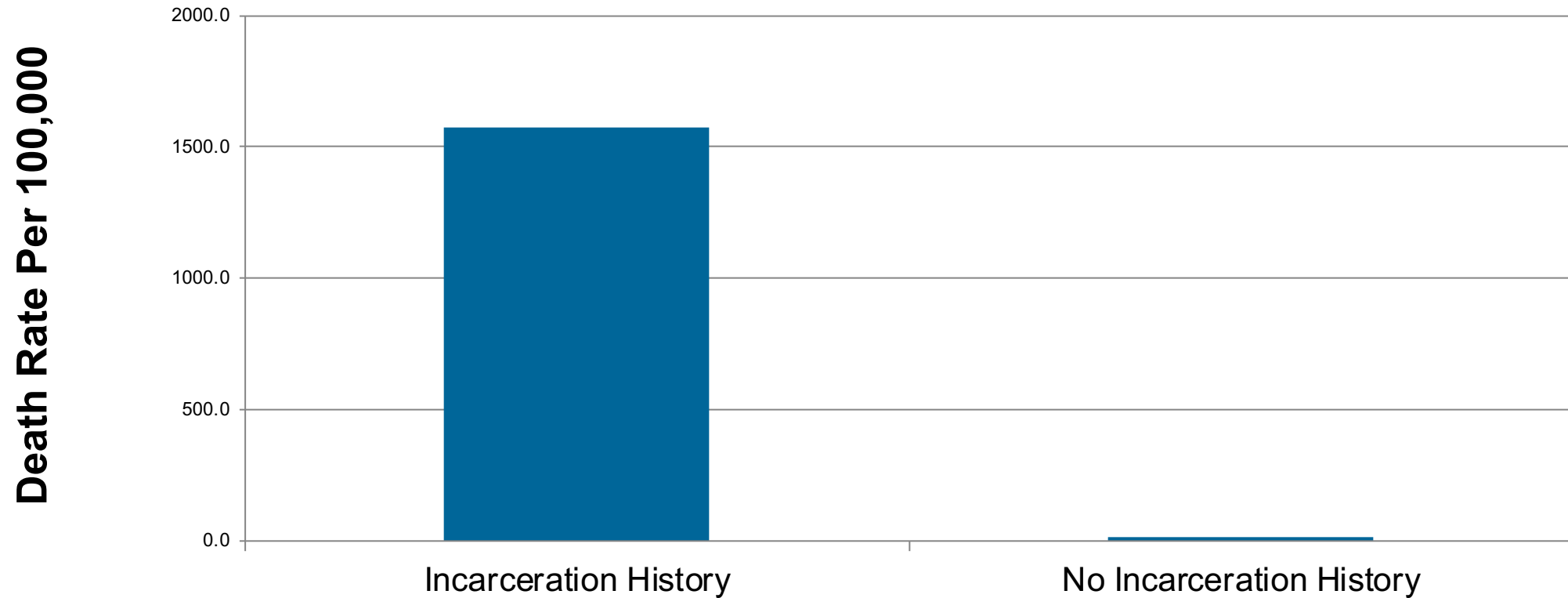
Opioid Death Rate by Race/Ethnicity

- **Key Finding:** Between 2016 and 2017, confirmed opioid-related overdose death rate increased for Black non-Hispanics, decreased for White non-Hispanics and Hispanics



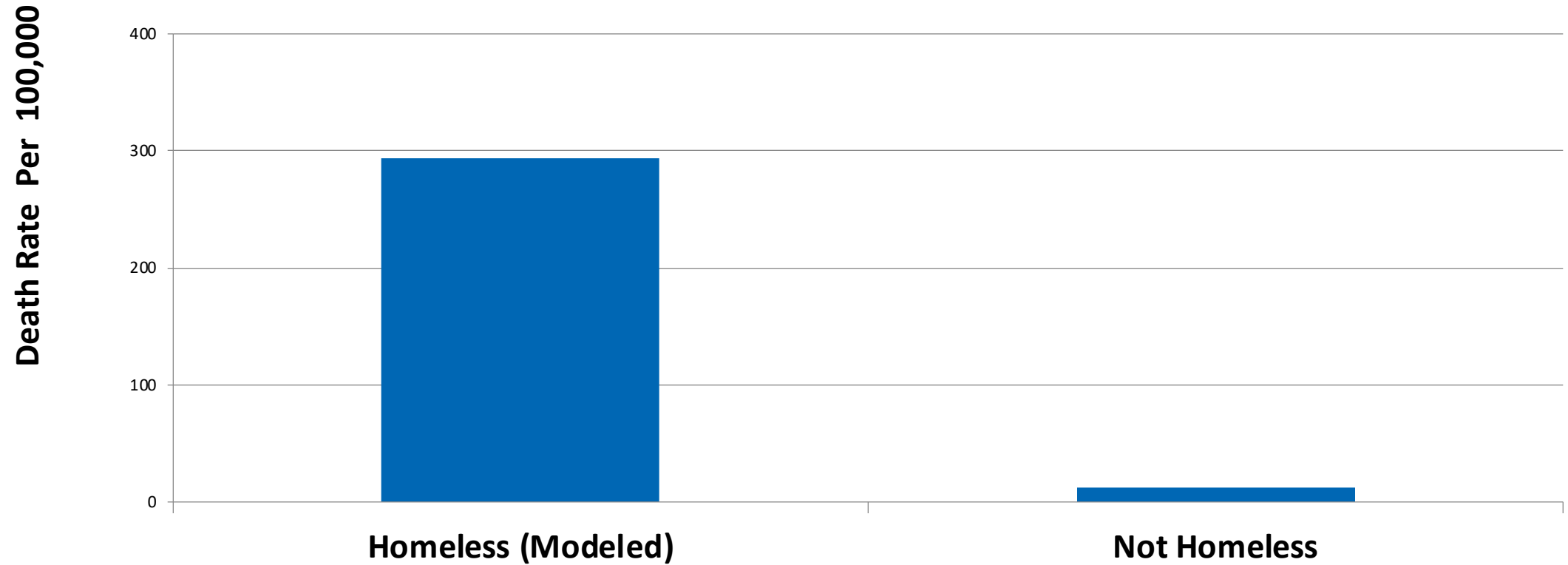
Persons with Histories of Incarceration

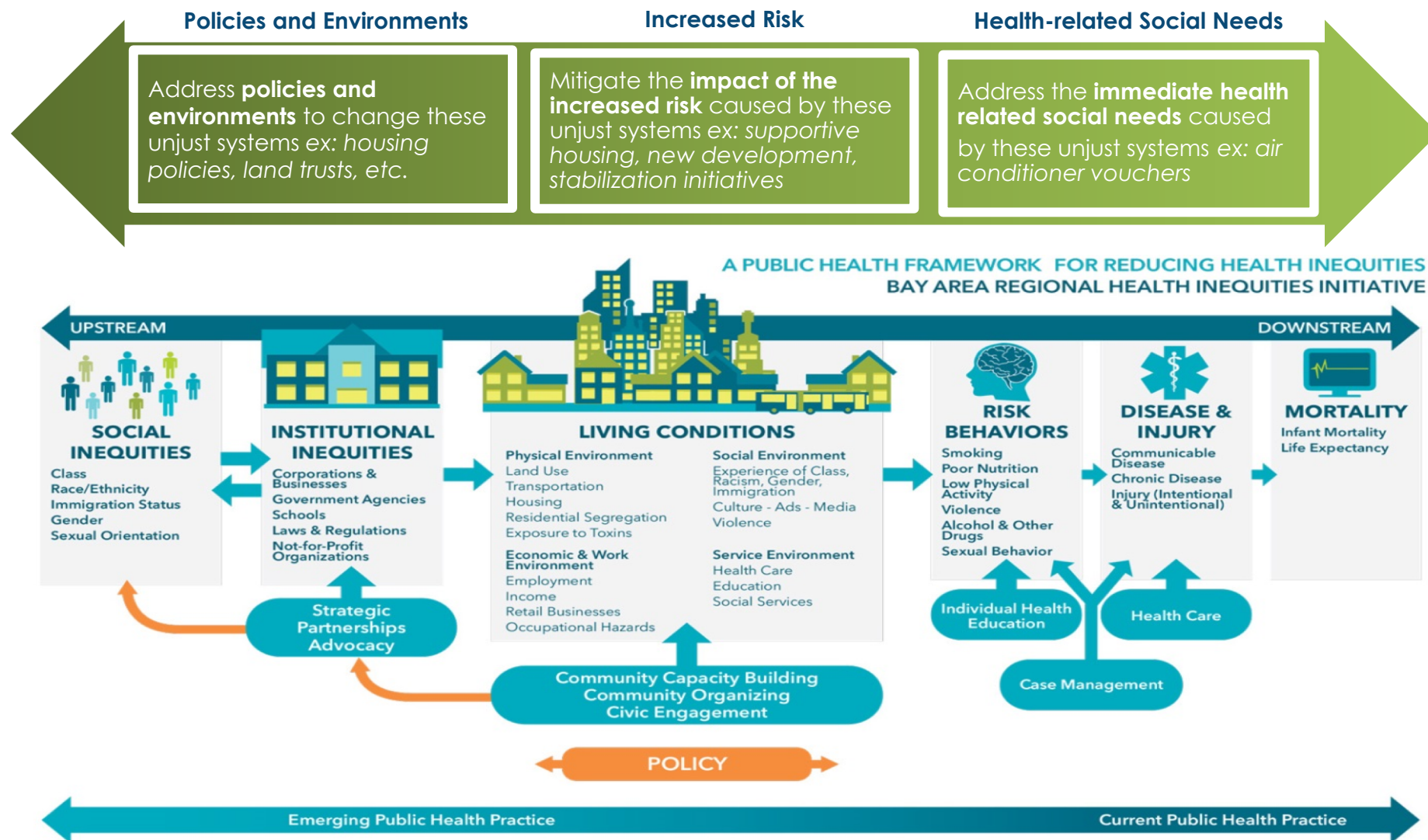
Opioid Death Rate **120 Times Higher**
for Individuals with Histories of Incarceration



Persons Experiencing Homelessness

Opioid Death Rate **30 Times Higher**
for the Homeless Individuals





Connect with DPH



@MassDPH



Massachusetts Department of Public Health



DPH blog

<https://blog.mass.gov/publichealth>



www.mass.gov/dph



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Thank You!

Monica Bharel, MD, MPH

Commissioner

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