

Table 1: Race/Ethnicity Distribution of COVID-19 Cases, Boston Residents, 2020			
Race/Ethnicity <sup>1</sup>	# of Cases	% of All Cases	% of Cases with Known Race/Ethnicity <sup>2</sup>
Asian, nL/nH	160	2.3%	3.4%
Black, nL/nH	1996	28.7%	41.8%
Latinx/Hispanic	880	12.7%	18.4%
Other, nL/nH <sup>3</sup>	425	6.1%	8.9%
White, nL/nH	1313	18.9%	27.5%
Unknown/Missing Data	2184	31.4%	
<sup>1</sup> nL/nH=non-Latinx/non-Hisp	anic		
<sup>2</sup> Total with Known Race/Eth	nicity=4774 ca	ises	
<sup>3</sup> Other, nL/nH includes Ame	rican Indian/Al	aska Native and multira	tial

# **Disparities in Testing**

- According to JHU Coronavirus Resource Center only 2 states report testing by race/ethnicity
- · Data from Illinois
  - African-Americans = 38.1% of deaths and 24.2% of cases
  - -Only 13.2% of those tested are Black

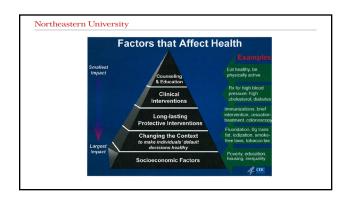
# What do the Data Reveal?

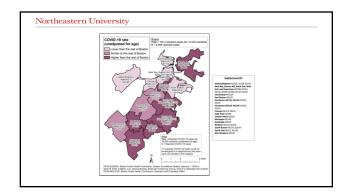
- Need better data collection to understand the full magnitude of disparity
   Disparities rooted in desper demains of insputive
- Disparities rooted in deeper domains of inequity
- Access to care, economic insecurity, employment, and other determinants underly disparities in testing and incidence
- Underscore need to focus on social determinants of health

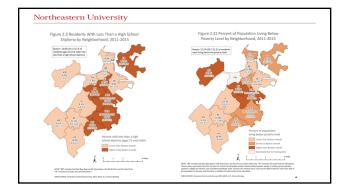
# Northeastern University Social Determinants of Health Where we live, work, eat, play, and pray builds the foundation of good health ...

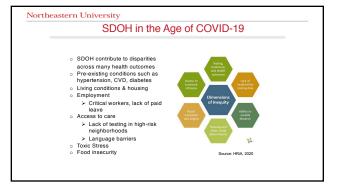
... or contributes to poor health.











### The Peril and Hope of Urbanization

- Urbanization is one of the leading global trends of the 21st century that has a significant impact on health. By 2050, over 70% of the world's population will live in cities
- Within urban environments, economic factors, social factors, environmental factors and the built environment interact to influence health
- Urban settings often have greater health resources, but a large population experiencing challenges accessing care

# Northeastern University

### COVID-19 and Urbanization

- · Population density and economic activity contribute to spread
- Hubs for travel and high degree of transience across the population
- Healthcare resources, including community health centers, urgent care centers, and new delivery models can offer opportunities to address gaps in testing

# A Collective Effort to Reduce the Burden

- Improve data collection and reporting at the national and local level
   Advocate for reporting of testing, morbidity and mortality data by race and ethnicity
   Address language barriers and improve access to care, including testing
- · Partner with community and faith-based organizations
- Farther with community and nam-based organizations
   Form multi-sector partnerships that engage housing, employment, and other sectors
   Engage community health workers
   Disseminate health education and health promotion materials in multiple languages
   Work with employers to reduce workplace risk