

**The Unequal Burden of COVID-19:
Understanding the Role of Social Determinants
of Health**

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COVID-NET | A Weekly Summary of U.S. COVID-19 Hospitalization Data

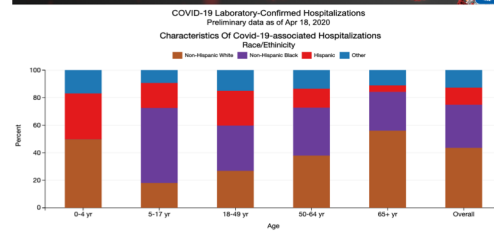


Table 1: Race/Ethnicity Distribution of COVID-19 Cases, Boston Residents, 2020

Race/Ethnicity ¹	# of Cases	% of All Cases	% of Cases with Known Race/Ethnicity ²
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 ³	425	6.1%	8.9%
White, nL/nH	1313	18.9%	27.5%
Unknown/Missing Data	2184	31.4%	

¹ nL/nH=non-Latinx/non-Hispanic

² Total with Known Race/Ethnicity=4774 cases

³ Other, nL/nH includes American Indian/Alaska Native and multiracial

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

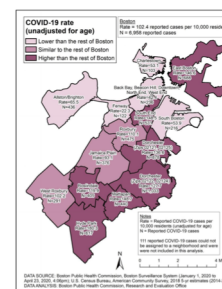
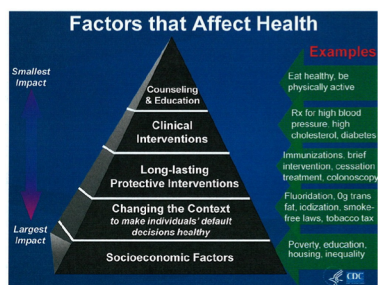
What do the Data Reveal?

- Need better data collection to understand the full magnitude of disparity
- Disparities rooted in 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

Social Determinants of Health

Where we live, work, eat, play, and pray builds the foundation of good health ...

... or contributes to **poor health**.



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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
- 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