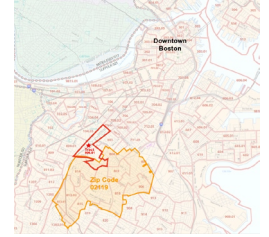


Health Situation Analysis - Data Description

P3 Redevelopment

Census Tract: 25025080601

Owner: City of Boston, MA



Focus Area	Description	Neighborhood	Boston	Suffolk County	MA	U.S.	Year	Data Source	
Social Determinants of Health									
Social Vulnerability	Overall SVI Score (High)		0.8175	0.7861			2020	U.S. CDC, 2020 Social Vulnerability Index, https://svi.cdc.gov/map.html	
Environmental Justice Zone	Minority and Low Income	Minority, Low Income					2020	Massachusetts, 2020 Environmental Justice neighborhoods, https://www.mass.gov/info-details/environmental-justice-populations-in-massachusetts	
Race/ethnicity	African American/Black (Very Low)		20.4%	22.0%	21.5%	7.5%	12.2%	2020 5-year estimate	U.S. Census American Community Survey, DP-05, https://data.census.gov/cedsci/
	Asian (Very Low; adjacent to very high in x2000)		25.2%	9.7%	8.9%	6.8%	5.6%	2020 5-year estimate	U.S. Census American Community Survey, DP-05, https://data.census.gov/cedsci/
	Other (High)		3.0%	4.1%	15.8%	9.1%	3.9%	2020 5-year estimate	U.S. Census American Community Survey, DP-05, https://data.census.gov/cedsci/
	White (Moderately High)		35.3%	44.7%	53.8%	76.6%	60.1%	2020 5-year estimate	U.S. Census American Community Survey, DP-05, https://data.census.gov/cedsci/
	Hispanic/Latinx (Average; Low in Adjacent Tracts)		16.1%	19.5%	22.9%	12.0%	18.2%	2020 5-year estimate	U.S. Census American Community Survey, DP-05, https://data.census.gov/cedsci/
	Non-Hispanic/Latinx (Average; High in Adjacent Tracts)		84%	81%	77%	88%	82%	2020 5-year estimate	U.S. Census American Community Survey, DP-05, https://data.census.gov/cedsci/
Median household income	Median household income in the past 12 months (Very Low)		\$14,255	\$76,298	\$74,881	\$84,385	\$64,994	2020 5-year estimate	U.S. Census American Community Survey, S1901, https://data.census.gov/cedsci/
Poverty status	Percent individuals below poverty level over the past 12 months (Very High)		48.3%	18.0%	17.4%	4.0%	12.8%	2020 5-year estimate	U.S. Census American Community Survey, S1701, https://data.census.gov/cedsci/
Children	Percent children <5 years old (Very Low)		1.6%	4.9%	5.2%	5.2%	6.0%	2020 5-year estimate	U.S. Census American Community Survey, DP05, https://data.census.gov/cedsci/

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Elderly	Adults >65 years (Relatively Low)		7.4%	11.8%	12.0%	16.5%	16.0%	2020 5-year estimate	U.S. Census American Community Survey, DP05, https://data.census.gov/cedsci/

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Community Health								
General health	Adult Rrevalence Fair/Poor Health (Moderate)		18.1%	13.9%	14.1%	16.1%	2021 version	CDC PLACES*, https://www.cdc.gov/places
General physical health	Adult Poor Physical Health Over Past 14 days (Moderately Low)		11.4%	8.9%	9.1%	10.9%	2021 version	CDC PLACES*, https://www.cdc.gov/places
Bike/ Pedestrian Safety	High Risk	>20 bike/ped crashes 2015-2022 (mostly crossing Tremont St)					accessed 2023	City of Boston Vision Zero Injury Crash Map, https://apps.boston.gov/vision-zero/
	Commute using public transit, walking, or cycling (Very High)		38.0%	50.7%	48.1%	16.2%	2019 5-year estimate	U.S. Census American Community Survey, S0801, https://data.census.gov/cedsci
Cancer	Adult cancer prevalence (Excluding Skin Cancer) (Low)		1.9%	4.9%	5.4%	7.0%	2021 version	CDC PLACES*, https://www.cdc.gov/places
Heart Disease	Adult Coronary Heart Disease (Low)		2.6%	4.0%	4.6%	6.1%	2021 version	CDC PLACES*, https://www.cdc.gov/places
Mental Health	Adult Depression Prevalence (Relatively High)		25.1%	22.1%	21.1%	19.5%	2021 version	CDC PLACES*, https://www.cdc.gov/places
	Adult Poor Mental Health Over Past 14 Days (High)		24.8%	17.3%	16.0%	14.7%	2021 version	CDC PLACES*, https://www.cdc.gov/places
Obesity, Diabetes, Hypertension	Not located in a food desert	Not in Food Desert					2019	USDA Food Access Research Atlas, https://www.ers.usda.gov/data-products/food-access-research-atlas/go-to-the-atlas/
	Food Insecurity (Moderate)			7.2%	10.1%	10.4%	2021	Gundersen C, Strayer M, Dewey A, Hake M, Engelhard E. Map the meal gap 2021: An analysis of county and congressional district food insecurity and county food cost in the United States in 2019. Feeding America. 2021.
	Adult High Blood Pressure (Low to Moderate)		15.7%	23.8%	26.0%	32.7%	2021 version	CDC PLACES*, https://www.cdc.gov/places
	Adult Diabetes (Low)		5.5%	8.0%	9.0%	11.3%	2021 version	CDC PLACES*, https://www.cdc.gov/places
	Adult Obesity (Low to Moderate)		21.5%	23.7%	24.5%	33.0%	2021 version	CDC PLACES*, https://www.cdc.gov/places

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	Adult Physical Inactivity (Moderately High)		30.9%	22.7%	23.4%	23.7%	2021 version	CDC PLACES*, https://www.cdc.gov/places
Respiratory Disease	Adult Asthma (Moderately High)		14.2%	11.6%	11.1%	9.7%	2021 version	CDC PLACES*, https://www.cdc.gov/places

* Crude rate, because available at census tract level

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Climate Change								
Overall Climate Risk	Very Low	30th percentile in US 87.5th percentile in MA		92.71 percentile in US 78.6 percentile in MA			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
Expected Annual Loss	Very Low	Very Low		Relatively Moderate			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
Social Vulnerability	Relatively High	Relatively High		Relatively High			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
Community Resilience	Relatively Moderate	Relatively Moderate		Very High			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
Air Quality	Population near major roadway with little to no tree buffer (Moderately High)	Moderately High					various, accessed 2022	EPA EnviroAtlas, https://enviroatlas.epa.gov/enviroatlas/interactivemap/
	Respiratory risk (hazard index) due to cumulative air toxics	Moderately Low					various, accessed 2022	EPA EnviroAtlas, https://enviroatlas.epa.gov/enviroatlas/interactivemap/
Earthquake	Relatively Low		14.88	91.6			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
Flooding	High Risk							Climate Ready Boston, https://www.boston.gov/departments/environment/climate-ready-boston-map-explorer
	Coastal Flooding	no rating		88.3			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
	Riverine Flooding	no rating		95.9			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
	Impervious Surface (Very High)	>80%					2019 version	USGS Multi-Resolution Land Characteristics Consortium, NLCD Impervious Surface 2019 CONUS, https://www.mrlc.gov/viewer/

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Heat	Extremely High Risk							Climate Ready Boston, https://www.boston.gov/departments/environment/climate-ready-boston-map-explorer
	Extreme Heat Vulnerability <i>(Moderate Risk)</i>		66.8	96.1			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/
	Tree Canopy Average <i>(Moderately Low)</i>		21%				various, accessed 2022	EPA EnviroAtlas, https://enviroatlas.epa.gov/enviroatlas/interactivemap/
	Access to parks and green space <i>(Moderate)</i>	Served by 2 parks					2018	Boston Open Space and Recreation Plan 2015-2021, https://www.cityofboston.gov/images_documents/Section-7.2.13_tcm3-53003.pdf
Hurricane	Relatively Moderate		72.5	95.0			2021 version	FEMA National Risk Index, https://hazards.fema.gov/nri/