The Access category of the ParkScore index awards points based on the percentage of the population within a 10-minute walk of a public park. This analysis is provided via the ParkServe mapping application, which identifies the population living within a 10-minute walk of a park by creating dynamic 1/2-mile service areas (10-minute walking distance) for all public parks. In this analysis, service areas use the street network to determine walkable distance (streets such as highways, freeways, and interstates are considered barriers).

In Boston, 100% of the population lives within a 10-minute walk of a park. Among the remaining 1,493 people without access to a nearby park, The Trust for Public Land suggests where to prioritize the development of new parks to reduce this gap. This prioritization is based on a comprehensive index of six equally-weighted demographic and environmental metrics:

- Population density
- Density of low income households (households with income less than 75% of the urban area median income; less than $75,000 in Boston)*
- Density of people of color*
- Community health (a combined index based on the rate of poor mental health and low physical activity from the 2020 CDC PLACES census tract dataset)
- Urban heat islands (surface temperature at least 1.25 degrees greater than city mean surface temperature from The Trust for Public Land, based on Landsat 8 satellite imagery)
- Pollution burden (air toxics respiratory hazard index from 2020 EPA EJScreen)

*Based on 2020 Forecast block groups provided by ESRI

Special thanks to the following data providers: Boston, Esri, OSM, CDC, EPA. Information on this map is provided for purposes of discussion and visualization only. Map created by The Trust for Public Land on May 5, 2021. The Trust for Public Land and The Trust for Public Land logo are federally registered marks of The Trust for Public Land. Copyright © 2021 The Trust for Public Land. www.tpl.org

2021 ParkScore® index: Access

BOSTON, MASSACHUSETTS

Priority areas for new parks
- Cemetery
- University
- Military
- Industrial
- Vacant zero population area
- City boundary
- County boundary

10-minute walk (half-mile) service area of park with public access
The Equity category of the ParkScore® index awards points in part based on the difference in nearby park space between neighborhoods in a city:

- On a per person basis, ratio of nearby public park space between communities of color and white communities
- On a per person basis, ratio of nearby public park space between low-income communities and high-income communities

Nearby park space per person effectively measures the available park space within a 10-minute walk of a micro-neighborhood, identified as those with the highest concentrations (top 20% of all census block groups in a city) of people of color or white population and high-income or low-income households. Households with income less than 75% of city median income (less than $75,000 in Boston) are considered low-income; households with income greater than 125% of city median income (greater than $100,000 in Boston) are high-income.

In Boston, neighborhoods of color have 13% less park space than white neighborhoods, and low-income neighborhoods have 20% less than high-income neighborhoods.

The metrics for people of color reflect each of the Census-designated race/ethnicity groups: Black, Hispanic, and Indigenous and Native American, Asian Americans, Pacific Islanders, multiple races, and other communities of color.

Demographic profiles are based on 2020 Forecast block groups provided by Esri.

Special thanks to the following data providers: Boston, Esri, OSM.

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## ACREAGE

- **2021 rank**: 47 out of 100 points

## EQUITY

- **Median park size**: 8 out of 100 points
- **Park land percent of city area**: 86 out of 100 points

## AMENITIES

- **Basketball hoops per 10,000 residents**: 47 out of 100 points
- **Dog parks per 100,000 residents**: 73 out of 100 points
- **Playgrounds per 10,000 residents**: 62 out of 100 points

## INVESTMENT

- **Spending per capita**: $153.71

## ACCESS

- **Percent of population (individuals) within a 10-minute walk of a park with public access**: 100%

## ParkScore Details

### Demographic category

<table>
<thead>
<tr>
<th>Total population (individuals)</th>
<th>Total for entire city</th>
<th>Ratio of park space per capita</th>
<th># within a 10-minute walk*</th>
<th>% within a 10-minute walk</th>
<th># outside of a 10-minute walk</th>
<th>% outside of a 10-minute walk</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total population (individuals)</strong></td>
<td>699,096</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Age 19 and younger</td>
<td>144,668</td>
<td>0.99</td>
<td>1,443</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>20-64 years old</td>
<td>467,222</td>
<td>0.87</td>
<td>1,057</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Over 64 years old</td>
<td>87,213</td>
<td>0.61</td>
<td>205</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>White***</td>
<td>296,720</td>
<td>0.87</td>
<td>238</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Black***</td>
<td>150,436</td>
<td>0.99</td>
<td>211</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>American Indian/Alaska Native***</td>
<td>87,213</td>
<td>0.87</td>
<td>205</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Asian***</td>
<td>69,020</td>
<td>0.99</td>
<td>0</td>
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<tr>
<td>Pacific Islander***</td>
<td>225</td>
<td>0.87</td>
<td>0</td>
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<tr>
<td>Other race***</td>
<td>10,315</td>
<td>0.87</td>
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<tr>
<td>Two or more races***</td>
<td>304</td>
<td>0.87</td>
<td>0</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Hispanic origin</td>
<td>151,990</td>
<td>0.87</td>
<td>271</td>
<td>100</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

### Households

| Under 75% median city income (low income) | 106,589 | 100% | 148 | 0% |
| 75%-125% median city income | 67,654 | 100% | 110 | 0% |
| Over 125% median city income | 109,779 | 100% | 272 | 0% |

*Inside a 10-minute walk service area of a park with public access. **Neighborhoods are defined as Census Blocks with the highest concentration (upper quintile) of a demographic within the city. ***Excludes those that report Hispanic origin (which is captured separately from race by the U.S. Census). Total population and households may vary from estimates published elsewhere due to differences between city boundaries and the boundaries of Census Block Groups used in this analysis, or due to methodology differences in third party data providers’ forecast demographics. Analysis based on 2020 Forecast Census Block Groups, provided by Esri.