2021 ParkScore® index: Access

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 St. Paul, 99% of the population lives within a 10-minute walk of a park. Among the remaining 3,347 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 $50,000 in St. Paul)*
- 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

Priority areas for new parks
(outside of 10-minute walk service areas of parks with public access)
- Very high priority
- High priority
- Moderate priority
- Park with public access
- Other park or open space
- 10-minute walk (half-mile) service area
- Other park or open space

Special thanks to the following data providers: St. Paul, 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
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 $50,000 in St. Paul) are considered low-income; households with income greater than 125% of city median income (greater than $100,000 in St. Paul) are high-income.

In St. Paul, neighborhoods of color have 30% less park space than white neighborhoods, and low-income neighborhoods have 35% 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.
Each city can earn a maximum of 100 points. Points are awarded for 14 statistical measures across five categories: **acreage**, investment, amenities, equity, and access. The final scores in each category are then averaged to generate each city’s ParkScore.

### ACREAGE

<table>
<thead>
<tr>
<th>Median park size</th>
<th>Park land percent of city area</th>
<th>10-minute walk access to park for people of color</th>
<th>10-minute walk access to park for low-income households</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>79</td>
<td>99</td>
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</tr>
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</table>

### EQUITY

<table>
<thead>
<tr>
<th>Total population (individuals)</th>
<th>Total for entire city</th>
<th>Ratio of park space per capita</th>
<th>Neighbors** of color have 0.7 as much park space as white neighborhoods**.</th>
<th># within a 10-minute walk*</th>
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<th># outside of a 10-minute walk</th>
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<tbody>
<tr>
<td>Age 19 and younger</td>
<td>304,156</td>
<td></td>
<td>Neighbors** of color have 0.7 as much park space as white neighborhoods**.</td>
<td>300,809</td>
<td>99%</td>
<td>3,347</td>
<td>1%</td>
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<tr>
<td>20-64 years old</td>
<td>82,361</td>
<td>0.89</td>
<td>Neighbors** of color have 0.7 as much park space as white neighborhoods**.</td>
<td>81,529</td>
<td>99%</td>
<td>832</td>
<td>1%</td>
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<tr>
<td>Over 64 years old</td>
<td>185,132</td>
<td>0.94</td>
<td>Neighbors** of color have 0.7 as much park space as white neighborhoods**.</td>
<td>182,994</td>
<td>99%</td>
<td>2,138</td>
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### AMENITIES

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<th>Budget per capita</th>
<th>Spending per capita</th>
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<td>$233.60</td>
<td>100 out of 100 points</td>
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### INVESTMENT

### ACCESS

| Percent of population (individuals) within a 10-minute walk of a park with public access | 99% |

### Demographic category

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*Inside a 10-minute walk service area of a park with public access. **Neighbors 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 by race in 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.