HOW ACCESSIBLE ARE PARKS AND PLAYGROUNDS IN BENGALURU?

With a population of 12 million (unofficial estimate; 8.4 million as per 2011 census) and an area of 709 sq.km, the city of Bengaluru has only 19.31 sq.km dedicated towards Open Spaces like Parks and Playgrounds. This translates to 2.2 sq.m of open space per person, which is significantly short of the recommended 10-12 sq.m by the URDPFI (Urban and Regional Development Plans Formulation and Implementation) guidelines set by the Ministry of Urban Development (MoUD), India.

Open spaces like parks and playgrounds are a critical necessity in urban areas. Besides their environmental significance, they provide much needed recreational spaces for everyone in the city.

### Recommended Open Space

<table>
<thead>
<tr>
<th>Recommended Open Space</th>
<th>Open Space Available</th>
</tr>
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<tr>
<td>10-12 sq.m/person</td>
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Note: This guidelines also stipulate that facilities such as parking, public toilet, fencing, lawns etc. should be available in parks and playgrounds.

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INNER WARD VS OUTER WARD COMPARISON ON KEY METRICS: AVAILABILITY, UPTAKE AND OTHER MAINTENANCE ASPECTS.

**Playgrounds Open**

- Inner ward: 90%
- Outer ward: 88%

**Playgrounds With Playing Equipment**

- Inner ward: 49%
- Outer ward: 30%

**Playground With Security Staff**

- Inner ward: 79%
- Outer ward: 36%

**Playgrounds With Light Fixtures**

- Inner ward: 56%
- Outer ward: 28%

**Playgrounds With Litter/garbage**

- Inner ward: 70%
- Outer ward: 53%

**Parks Open**

- Inner ward: 312%
- Outer ward: 306%

**Parks With Playing Equipment**

- Inner ward: 41%
- Outer ward: 39%

**Parks With Litter/garbage**

- Inner ward: 32%
- Outer ward: 74%

**Parks With Light Fixtures**

- Inner ward: 77%
- Outer ward: 66%

**Parks With Seating Arrangements**

- Inner ward: 27%
- Outer ward: 18%

**Parks Open Everyday**

- Inner ward: 68%
- Outer ward: 77%

**Parks With Walking Track**

- Inner ward: 78%
- Outer ward: 80%

**Parks With Security Staff**

- Inner ward: 74%
- Outer ward: 66%

**Parks With Lighting Facilities**

- Inner ward: 47%
- Outer ward: 47%

**Parks With Seating Arrangements**

- Inner ward: 53%
- Outer ward: 34%

**Parks Open Everyday**

- Inner ward: 78%
- Outer ward: 76%

**Parks Have Drinking Water Facilities**

- Inner ward: 3%
- Outer ward: 1%

**Playgrounds Have Public Toilet Facilities**

- Inner ward: 5%
- Outer ward: 3%

**Playgrounds Have Playing Equipment Facilities**

- Inner ward: 36%
- Outer ward: 39%

**Average Score of Park Facilities**

- Inner ward: 79%
- Outer ward: 77%

**Average Score of Playground Facilities**

- Inner ward: 77%
- Outer ward: 75%

* Generally open | ** Daily open for more than 8 hrs a day
WHAT IS THE QUALITY OF PARKS AND PLAYGROUNDS IN BENGALURU?

Improving quality of parks and playgrounds is a crucial step towards ensuring that parks and playgrounds stay green and sustainable.

1,115 PARKS

- **Score 10**: 7 Parks
- **Score 9**: 80 Parks
- **Score 5-8**: 558 Parks
- **Score less than 5**: 470 Parks

192 PLAYGROUNDS

- **Score 8**: 2 Playgrounds
- **Score 7**: 7 Playgrounds
- **Score 4-6**: 97 Playgrounds
- **Score less than 3**: 86 Playgrounds

HOW CAN BBMP IMPROVE THE QUALITY OF PARKS & PLAYGROUNDS?

- Provide Drinking Water Facilities
- Public Toilet Access
- Removal of garbage/debris
- Installation of garbage bins to prevent littering
- Providing adequate lighting for safety and use in the evenings

ABOUT THE SURVEY

The list of parks and playgrounds was obtained from the BBMP. All the locations were geocoded on the map and duplicates were eliminated. A total of 1,115 parks and 192 playgrounds were surveyed. The survey consisted of 10 questions for Playgrounds and 10 questions for Parks. It was undertaken by a survey team, who were trained and provided a special mobile app developed to capture the survey data. Data from each survey was validated with help of geo-tagged pictures and surveys were repeated in case of discrepancies. The entire survey was undertaken over a two month period and analysis and reporting concluded in January 2017.

* Geocoding is the process of converting addresses into geographic coordinates (latitude and longitude), which can be used to place markers on a map.
WHAT IS THE QUALITY OF PARKS AND PLAYGROUNDS IN BENGALURU?

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1. **TOP & BOTTOM FIVE PARKS**
   - **Nandini Layout Ramakrishna Nagar Park**
   - **Pulakeshi Nagar Coles Park (Freedom fighter Park)**
   - **Shiva Nagar Park beside Pushpanjali Theatre**
   - **Sampanagiram Nagar S R Nagar, BBMP Head Office Kemppegowa Swimming Pool**
   - **Raja Rajeshwari Nagar Ideal Homes Layout Fruit Park, RR Nagar**

2. **TOP & BOTTOM FIVE PLAYGROUNDS**
   - **Sanjirasa Nagar Children's Playground, 4th Cross, Central Exchange Layout**
   - **Byrasandra Kitturu rani Chamamma Playground**
   - **Hebbala Captain Kevin Kumar Children's Playground**
   - **Shankar Mutt Udyanarai Children's Playground, 4th Main Road, KEC Layout**
   - **Hoyasala Nagar 6th Main Road, Defence Colony Play Ground**

Improving quality of parks and playgrounds is a crucial step towards ensuring that parks and playgrounds stay green and sustainable.
How accessible are parks and playgrounds in Bengaluru?

Does Bengaluru have adequate number of parks and playgrounds?

Parks & Playgrounds Score of Bengaluru 2017

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**SURVEY QUESTIONS**

The parks and playgrounds survey had the following questions:

- Are there security and light fixture facilities?
- Are there clean public toilets and drinking water facilities?
- Are there timings put up on signboards?
- Are there walking tracks, seating arrangement and playing facilities?
- Are there security and light fixture facilities?

**BBMP BUDGET ALLOCATION: FOR PARKS AND PLAYGROUNDS**

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Budget for Parks and Playgrounds Allocated in Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-17</td>
<td>94.11 Cr (101 Cr were spent)</td>
</tr>
<tr>
<td>2017-18</td>
<td>165.31 Cr</td>
</tr>
</tbody>
</table>

Source: Bruhat Bengaluru Mahanagara Palike (BBMP) Budgets 2016-17 & 2017-18

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