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Green Space Tracker

Discover parks, gardens, and green spaces in your city. Find your perfect spot to connect with nature, relax, and enjoy the outdoors right in your neighborhood.

 [Start Your Green Journey](#)

Find Green Spaces Near You

Enter your city name or use your current location to discover beautiful green spaces nearby.

 [Use My Location](#)

Parks



Gardens



Nature Trails

Join thousands of nature lovers discovering green spaces in their cities



**Let's make our cities greener
together**

Building sustainable urban environments for future
generations

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Component Demo

Try searching for cities with autocomplete suggestions

Search for a City

Start typing to see autocomplete suggestions. Use arrow keys to navigate and Enter to select.

 X 🔍

Features:

- Real-time autocomplete with city suggestions
- Keyboard navigation (Arrow keys, Enter, Escape)
- Click to select or search manually
- Location pin icon inside input field
- Clear button when text is entered
- Loading indicator during search
- Responsive design with hover effects
- Rounded borders and modern styling



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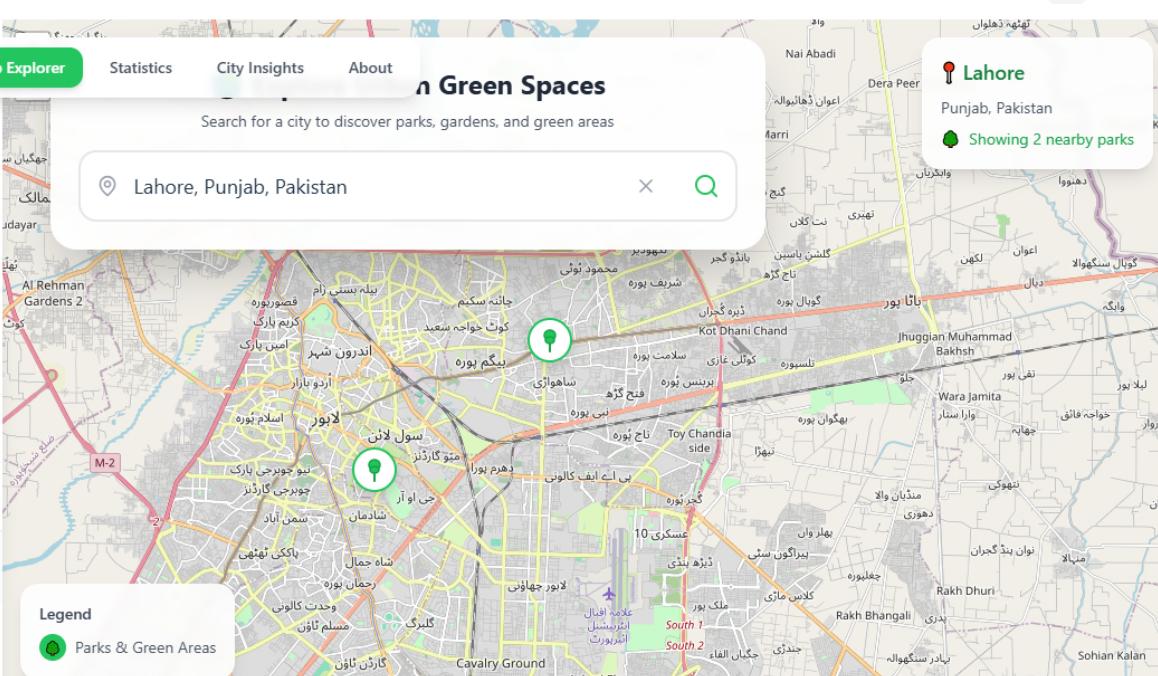
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In Green Spaces

Search for a city to discover parks, gardens, and green areas

📍 🔍

Lahore, Punjab, Pakistan Showing 2 nearby parks



The map displays the city of Lahore with various green spaces and parks highlighted in green. A legend in the bottom-left corner identifies these areas. The map also shows major roads like M-2 and M-1, and several landmarks and neighborhoods labeled in Urdu and English.

Park Size

- Small Parks
Under 50 acres
- Medium Parks
50-200 acres
- Large Parks
Over 200 acres

Walking Distance

Amenities

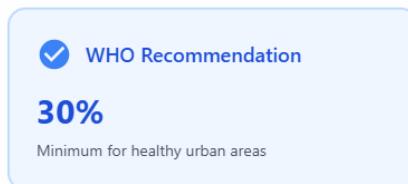
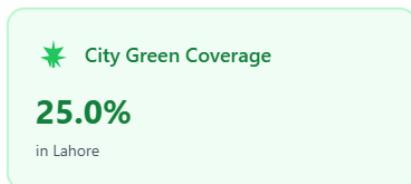
Filters help you find the perfect green space for your needs

📍 **Nearest Parks** 2

Near Lahore

🌿 Green Space Analytics

Urban green coverage compared to WHO recommendations



💡 Quick Insights

- Parks and recreational areas contribute to mental well-being
- Trees improve air quality by filtering pollutants

- Green spaces help reduce urban heat island effects
- Urban forests support biodiversity and wildlife

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Green Coverage Statistics

Analyze urban green space coverage and compare with WHO recommendations for sustainable city development.

Select a city to view its green coverage trend:

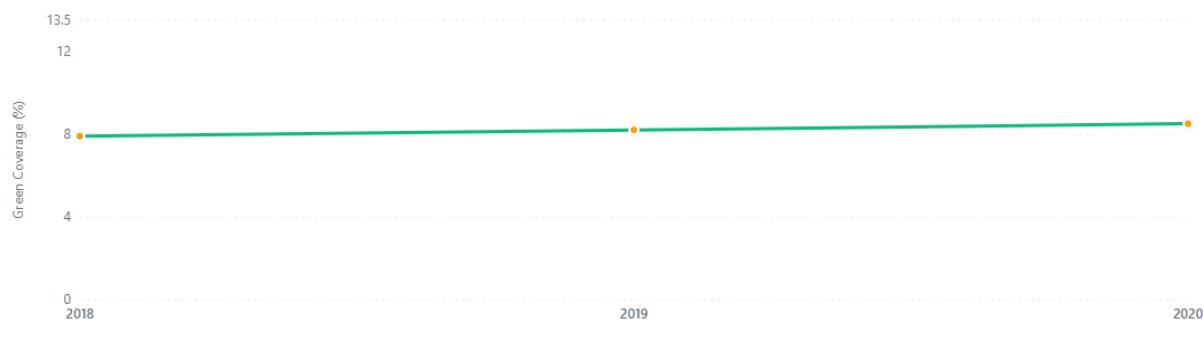
X


Selected: Lahore, Pakistan

Green Coverage Trend - Lahore

Historical green coverage data from 2018 to 2020

+0.6% over 2 years Current: 8.5%



AVERAGE	HIGHEST	LOWEST	DATA POINTS
8.2%	8.5%	7.9%	3



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City Insights & Live Data

Explore comprehensive city insights with real-time weather, news, and country data.

Select a city to view insights:

Lahore, Punjab, Pakistan



Selected: Lahore, Pakistan



Lahore, Pakistan Green Coverage Insights

Explore the historical development of urban green spaces in your city. Track progress towards sustainable urban development goals and understand the environmental impact of green coverage growth over time.



17.2%

Green Coverage (2025)

Current



+109.8%

Total Growth (2015-2025)

Growth



2021

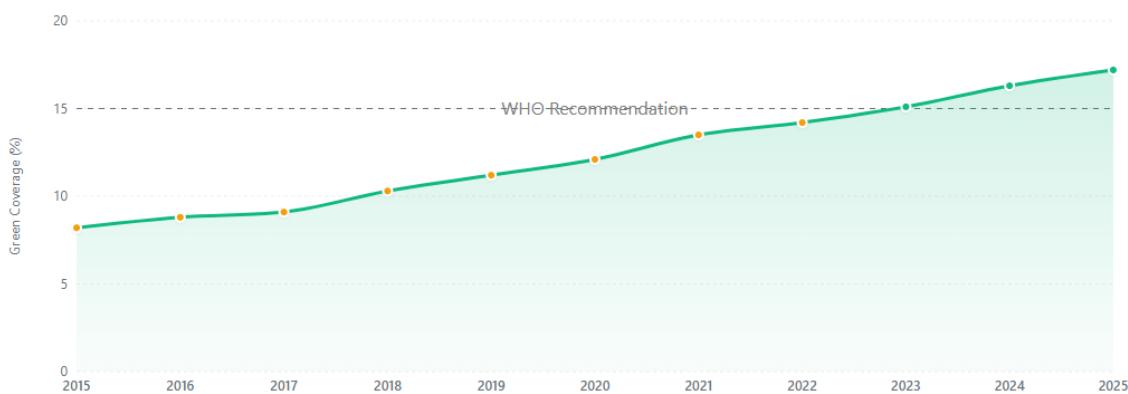
WHO Standard Achieved

Timeline

Historical Green Coverage Trends

Track the evolution of urban green spaces from 2015 to 2025

● Green Coverage □ WHO Target (15%)



Key Achievement

Your city successfully exceeded WHO recommendations in 2021, demonstrating commitment to sustainable urban development and improved quality of life for residents.



Growth Pattern

Consistent upward trend with accelerated growth since 2018, indicating effective urban planning policies and increased investment in green infrastructure projects.



Country Info

Regional data

Capital: Islamabad

Region: Asia

Population: 220,892,331

Languages: English, Urdu

Data Sources:

Country: REST Countries



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About Me

Learn more about the developer and the story behind this Green Space Tracker project



Hi, I'm Usama Tufail

I'm a passionate developer committed to creating technology solutions that make a positive impact on our environment and communities. This Green Space Tracker project represents my dedication to combining technical skills with environmental consciousness.

Volunteer Project

This was my volunteer project, developed with the goal of helping cities and communities better understand and track their green spaces. I believe that access to green areas is crucial for urban sustainability and quality of life, and technology can play a vital role in monitoring and improving these spaces.

Technologies Used

React JavaScript Python FastAPI Tailwind CSS SQLite
Geospatial APIs

Project Mission

The Green Space Tracker aims to democratize access to urban green space data, helping cities, researchers, and citizens make informed decisions about urban planning and environmental sustainability. By providing easy-to-use tools for tracking parks, green coverage, and environmental data, we can work together towards more livable, sustainable cities.

Let's Connect

 GitHub

 LinkedIn

 Email

Feel free to reach out if you'd like to collaborate on environmental tech projects!

"Technology should serve humanity and our planet. Every line of code is an opportunity to make the world a little bit better."

- Usama Tufail

