



**Taiyuan**  
China



GINI Index (country)  
**37.1**

HDI (country)  
**0.788**

Total urban area (city)  
**374.24km<sup>2</sup>**

Total population (city)  
**5,435,011**

City-wide density (pop/Km<sup>2</sup>)  
**22,230**

GDP per capita (INT \$)  
**\$15,302**



Global Observatory of  
**Healthy and  
Sustainable Cities**

Spatial Indicators



**81.3%**

Population with access to  
fresh **food market** or  
supermarket



**97.4%**

Population living in neighbourhoods  
**above minimum density** threshold for  
WHO physical activity target



**34.1%**

Population with access to any  
**public open space**

**99.8%**

Population living in neighbourhoods  
above the median **walkability** across  
for 25 cities

**99.7%**

Population living in neighbourhoods  
**above minimum connectivity** threshold  
for WHO physical activity target

Policy Indicators



**Metropolitan transport** policy with  
health-focused actions



**Employment distribution** requirements



**Street connectivity** requirements



**Housing density** requirements



**Air pollution policies** for transport and land-use  
planning



**Parking restrictions** to discourage car use



Provision of **pedestrian infrastructure** and  
targets for walking participation



Minimum requirements for **public transport**  
access and targets for **public transport use**



Requirements for **public transport access** to  
**employment and services**



Minimum **public open space access** requirements



Provision of **cycling infrastructure** and targets  
for cycling participation



Publicly available information on **government**  
**expenditure** for different transport modes



Policy exists



Policy aligns with health and sustainability promotion



Policy includes measurable targets



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The evidence-based indicators and thresholds in this scorecard are based on an international study by the Global Healthy and Sustainable City-Indicators Collaboration, published in May 2022 in The Lancet Global Health (<https://www.thelancet.com/series/urban-design-2022>).

Full details of the data and methods are available at the Global Observatory of Healthy & Sustainable Cities Website: <https://www.healthysustainablecities.org>.

#### **City team members**

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#### **Scorecard design**

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#### **Suggested citation**

Peng, K., Cheng, X, Yang, Y. 2024 Taiyuan, China. Spatial and policy indicators for healthy and sustainable cities - a 1000 Cities Challenge Scorecard.

#### **GNI source**

World Bank, Poverty and Inequality Platform. Data are based on primary household survey data obtained from government statistical agencies and World Bank country departments. Data for high-income economies are mostly from the Luxembourg Income Study database. For more information and methodology. <https://data.worldbank.org/indicator/SI.POV.GINI>

#### **Human Development Index (HDI) data source**

HDRO calculations based on data from Barro and Lee (2018), IMF (2023), UNDESA (2022) (2023), UNESCO Institute for Statistics (2023), United Nations Statistics Division (2023) and World Bank (2023). <https://hdr.undp.org/data-center/human-development-index#/indicies/HDI>

#### **Area Coverage Source**

Global Human Settlements urban centres: 2015 (EU JRC, 2020).

#### **Population data source**

The People's Government of Taiyuan <https://www.taiyuan.gov.cn/tygk2/20240202/30100499.html>

#### **Gross Domestic Product (GDP) per capita data source**

The People's Government of Taiyuan <https://www.taiyuan.gov.cn/tygk2/20240202/30100573.html>