

SMART CITY RANKING

27

Out of 141



23 out of 118 in 2021

SMART CITY RATING

BBB

BBB in 2021

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

GROUP

2

All ratings range from AAA to D

BACKGROUND INFORMATION

City

Population 2,185,908
HDI 0.932

(Eurostat)



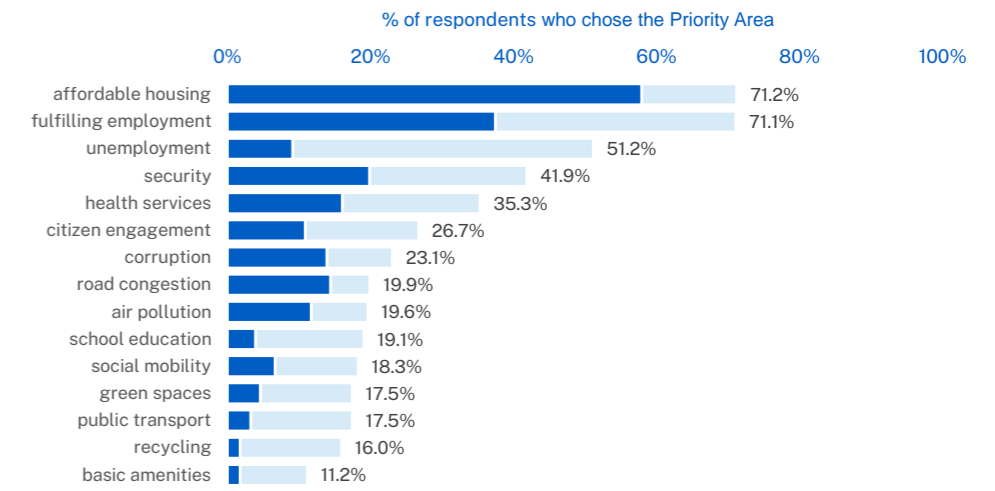
Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country	2018	2019	2020	2021	1 yr change
HDI	0.893	0.904	0.899	0.905	+0.006
Life expectancy at birth	83.4	83.6	82.3	83.0	+0.7
Expected years of schooling	17.9	17.6	17.9	17.9	+0.0
Mean years of schooling	9.8	10.3	10.6	10.6	+0.0
GNI per capita (PPP \$)	35,041	40,975	36,516	38,354	+1,838

PRIORITY AREAS

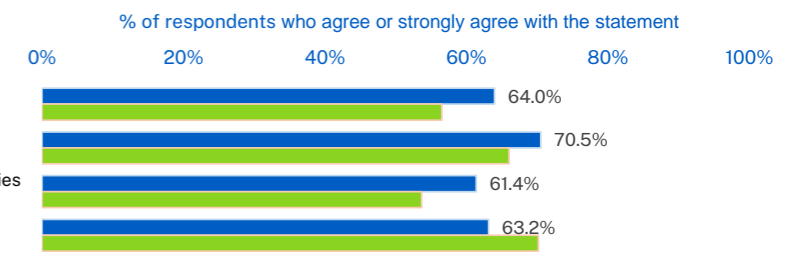
From a list of 15 indicators, survey respondents were asked to select 5 that they perceived as the most urgent for their city. This is the total bar. The higher the percentage of responses per area, the greater the priority for the city.

The left-hand, dark blue section of each bar shows the Alignment, i.e. the proportion of those respondents who also answered the survey on the corresponding area by giving it low priority. A strong Alignment (i.e. consistency across both areas explained) means that these areas may benefit from close observation.



ATTITUDES

You are willing to concede personal data in order to improve traffic congestion
 You are comfortable with face recognition technologies to lower crime
 You feel the availability of online information has increased your trust in authorities
 The proportion of your day-to-day payment transactions that are non-cash (% of transactions)



LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

- Basic sanitation meets the needs of the poorest areas
- Recycling services are satisfactory
- Public safety is not a problem
- Air pollution is not a problem
- Medical services provision is satisfactory
- Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

- Traffic congestion is not a problem
- Public transport is satisfactory

Activities

- Green spaces are satisfactory
- Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

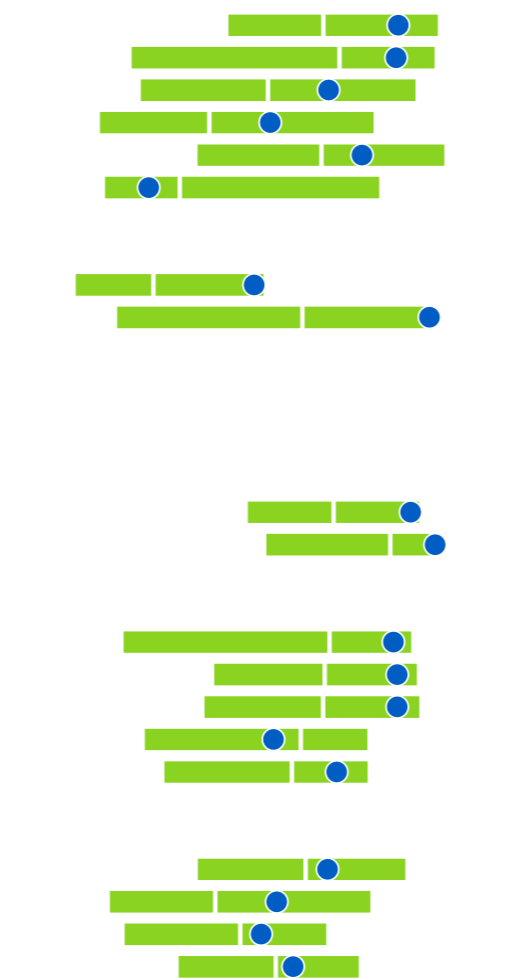
- Employment finding services are readily available
- Most children have access to a good school
- Lifelong learning opportunities are provided by local institutions
- Businesses are creating new jobs
- Minorities feel welcome

Governance

- Information on local government decisions are easily accessible
- Corruption of city officials is not an issue of concern
- Residents contribute to decision making of local government
- Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Score 0 20 40 60 80 100



TECHNOLOGIES

Health & Safety

- Online reporting of city maintenance problems provides a speedy solution
- A website or App allows residents to easily give away unwanted items
- Free public wifi has improved access to city services
- CCTV cameras has made residents feel safer
- A website or App allows residents to effectively monitor air pollution
- Arranging medical appointments online has improved access

Mobility

- Car-sharing Apps have reduced congestion
- Apps that direct you to an available parking space have reduced journey time
- Bicycle hiring has reduced congestion
- Online scheduling and ticket sales has made public transport easier to use
- The city provides information on traffic congestion through mobile phones

Activities

- Online purchasing of tickets to shows and museums has made it easier to attend

Opportunities (Work & School)

- Online access to job listings has made it easier to find work
- IT skills are taught well in schools
- Online services provided by the city has made it easier to start a new business
- The current internet speed and reliability meet connectivity needs

Governance

- Online public access to city finances has reduced corruption
- Online voting has increased participation
- An online platform where residents can propose ideas has improved city life
- Processing Identification Documents online has reduced waiting times

Score 0 20 40 60 80 100

