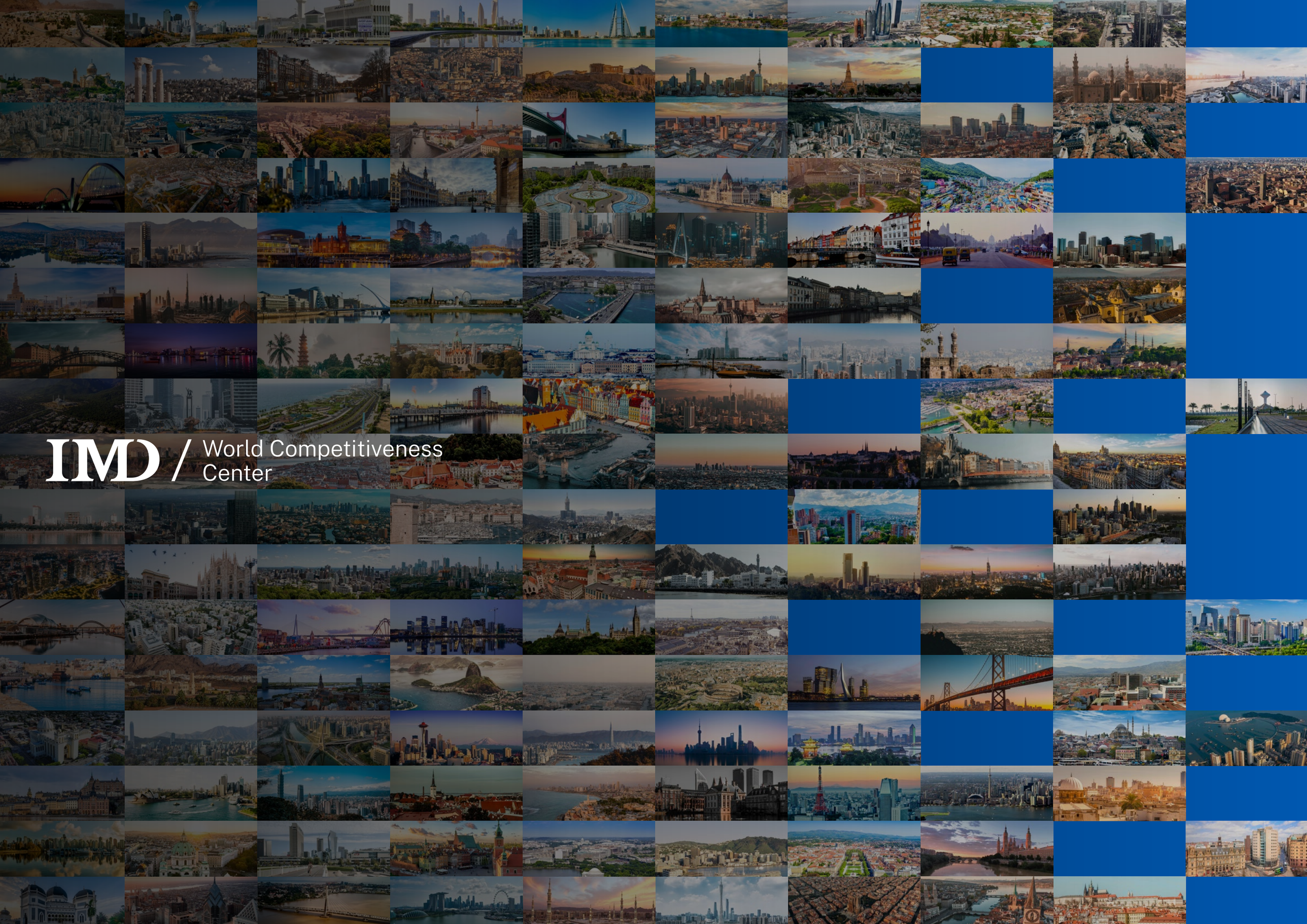
IMD Smart City Index 2026

The quest for trust and transparency

IMD / World Competitiveness Center



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IMD Smart City Index 2026

A three-way alignment: Institutions, trust, and infrastructure

A three-way alignment: Institutions, trust, and infrastructure

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Cities are often judged by their technological sophistication, particularly if they self-label as "smart." And yet, the 2026 IMD Smart City Index (SCI) suggests that urban performance rests on a deeper set of relationships – namely, mutually reinforcing interactions between institutions, residents, and the infrastructure that emerges from them both.

Trust in the institutions that manage increasingly complex urban systems – often built on personal data – is not a given. The conundrum is telling; never has information been so abundant and granular for policymakers and urban planners. But still, public confidence in local governments and regulators remains fragile. In 2026, the central question around urban planning is no longer "can we build a Smart City?" but rather "should we trust the ones being built?" Urban policy is no longer a backwater of public administration; it is the operating system of national competitiveness, shaping whether cities attract the talent, capital, and creativity necessary to drive growth and prosperity.

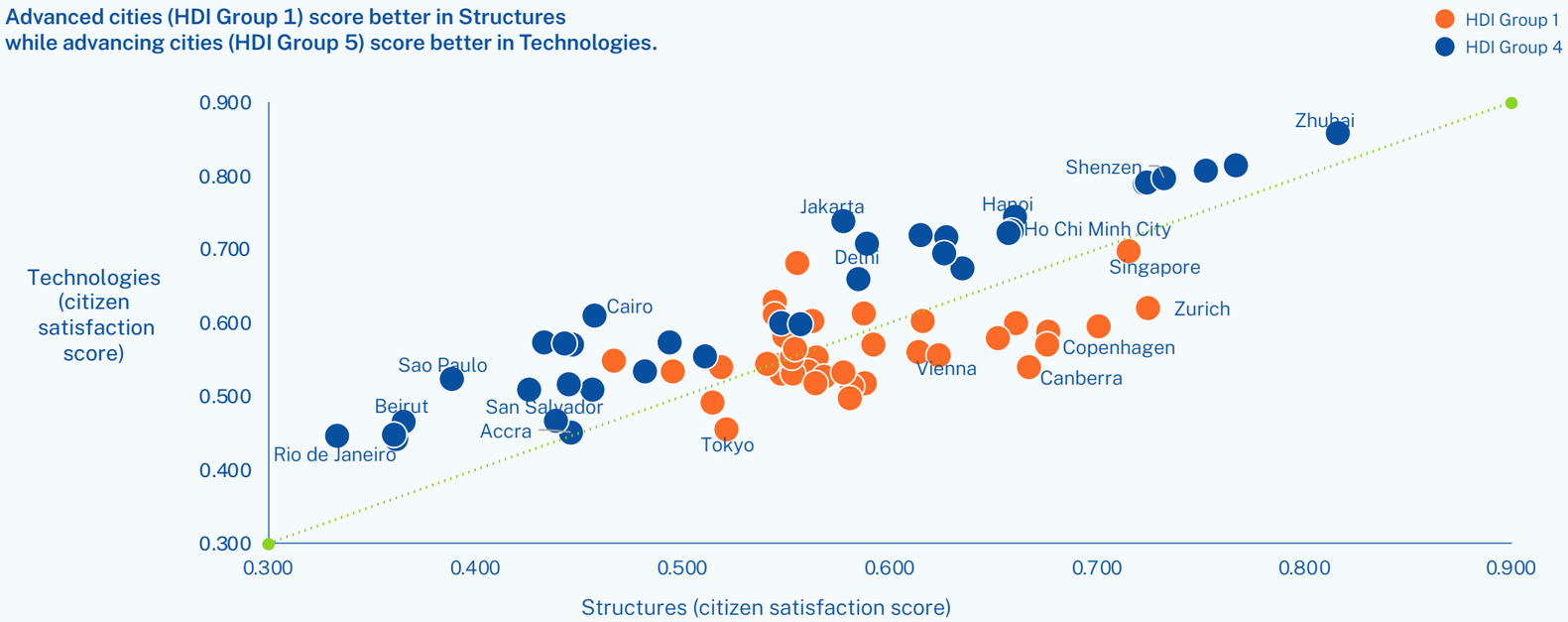
The SCI provides a unique perspective on this challenge by focusing on how residents experience their cities. Rather than measuring infrastructure in isolation, the SCI captures how citizens perceive the effectiveness of the services and systems around them, and in particular, whether technology helps address the challenges they face in everyday life. These perceptions offer an important signal for policymakers. They reveal whether investments in infrastructure and digital systems translate into tangible improvements in daily life, or whether a gap persists between policy ambitions and residents' lived experience. Cities that perform well in the Index tend to be those where governance, infrastructure, and citizen expectations are broadly aligned.

There is a tension between city planners, who require abundant data to make efficient decisions, and citizens, who demand data sovereignty. This highlights the critical role of governance and trust in creating inclusive and ethical cities. The focus must shift from "what can we measure?" to "what should we measure?" – a small but consequential distinction that could determine whether technological progress truly enhances citizen well-being.

In this context, the SCI offers a valuable tool for understanding how top-performing cities such as **Zurich** (first), **Copenhagen** (fifth), **Singapore** (ninth), and **Abu Dhabi** (10th) succeed not only because of their technological innovation but also because they maintain alignment between policy priorities, technological development, and public expectations. Seen this way, smartness does not arise solely from technology. It emerges when government structure, infrastructure investments, and public values evolve together.

The data behind the Index reveals something more precise. Across the 148 cities surveyed, scores in the Structures pillar are a stronger and more consistent predictor of overall smart performance than scores in the Technology pillar. Tellingly, almost every city among the bottom twenty of the 2026 ranking has a higher average Technology score than a Structures score. The inverse is true at the top: **Zurich**, **Oslo** (second), **Geneva** (third), and **Copenhagen** all lead on institutions, infrastructure, and structures-related indicators, with technology-related indicators faring less strongly.

Advanced cities (HDI Group 1) score better in Structures while advancing cities (HDI Group 5) score better in Technologies.



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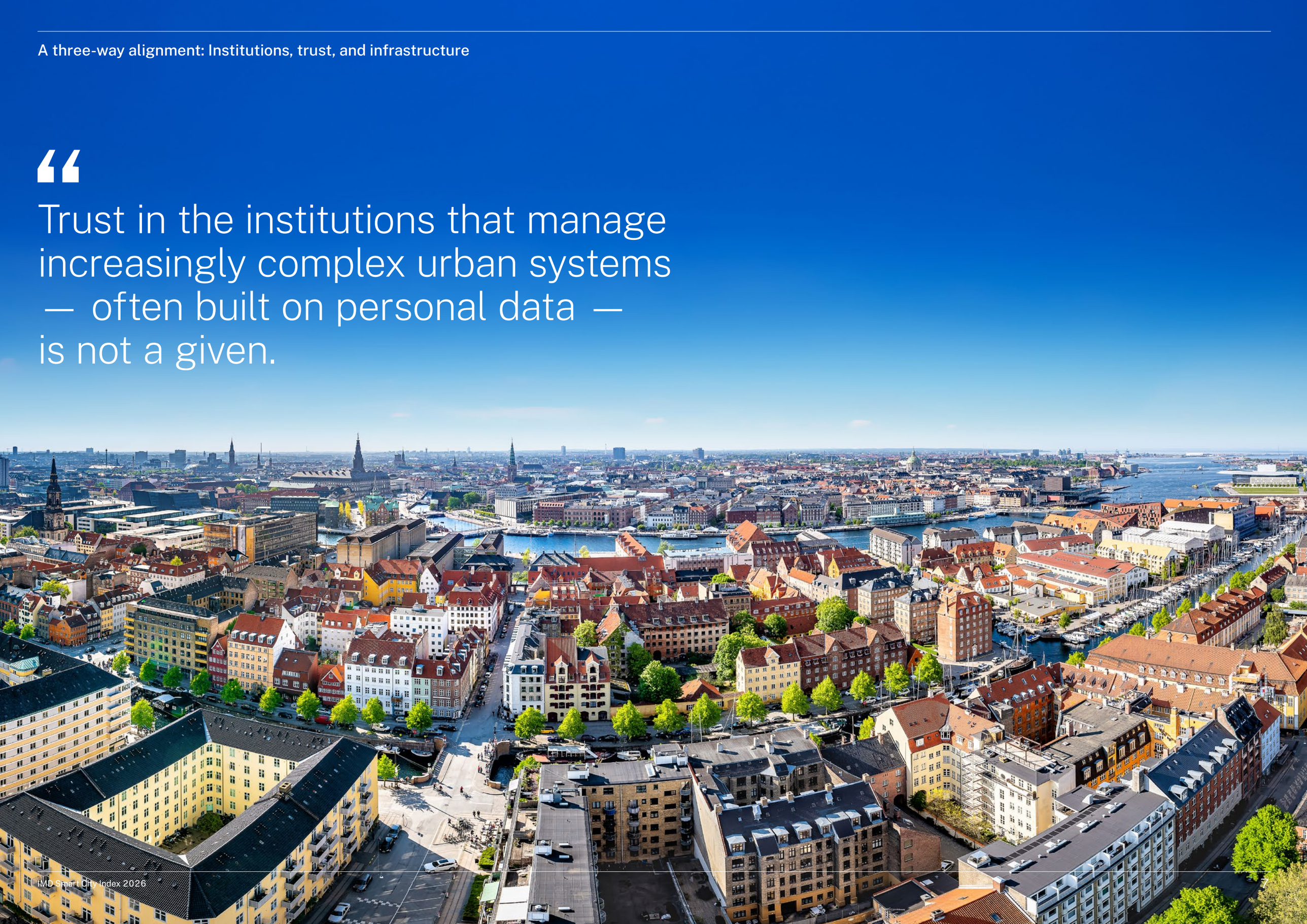
Trust in the institutions that manage increasingly complex urban systems — often built on personal data — is not a given.



This pattern suggests an important dynamic: cities with stronger institutions and infrastructure tend to report higher levels of citizen trust. The results also highlight an important limitation of technology-led approaches to urban development. Technology alone does not produce better outcomes. Infrastructure and digital services generate real value only when they are embedded in credible institutions and aligned with citizens' expectations. In such contexts, governance builds trust, and trust in turn encourages citizens to participate in and support the systems being built. Structures are both a foundation and a product of sustained trust between cities and the people who live in them.

When digital systems race ahead of governance frameworks or social inclusion concerns, the societal benefits of rapid technological expansion become fragmented. For developing economies, however, this tension also presents a significant opportunity. Latecomers can leapfrog traditional urbanization stages by adopting integrated digital frameworks built on transparent governance from the outset. The absence of legacy infrastructure becomes an advantage, as growth in housing, public transportation, and other key needs is not predetermined by existing physical or structural limitations. In such a process, strong governance enables citizens to become partners in the city's evolution rather than passive users.

The architecture of Smart City success

To understand what makes a city truly "smart," we must look beyond visible technological markers. The most advanced urban centers – by which we mean where citizens feel happiest – are not necessarily sparkling with utopian skylines, visible sensor networks, or pure technological sophistication. Instead, they stand out for how effectively they align governance structures, sustainability priorities, public investment decisions, and perhaps most importantly, the cultivation of citizen trust. These elements must work in concert to create well-being. This essay builds on the conceptual framework developed by *Arturo Bris in his 2025 publication The Smart City Playbook: Lessons from Urban Pioneers*, which establishes six pillars that define the trust architecture of intelligent urbanism in 21st-century cities. Governance quality is the starting point for any successful transformation. Cities need more than ambitious plans or charismatic leadership. They require institutional frameworks capable of coordinating across the fragmented landscape of modern urban administration, where ministries, agencies, utilities, and private actors must align their efforts. The best-performing cities have discovered that effective governance is less about centralizing power and more about facilitating cooperation. They create platforms and processes that allow different stakeholders to share information, coordinate investments, and pursue common goals without sacrificing the flexibility needed for local innovation.

The data highlights this with striking consistency. In **Zurich**, ranked first overall, the Structures score (0.725) comfortably leads the Technology score (0.621). More than three-quarters of its surveyed residents agree that information on local government decisions is easily accessible, and **Zurich** records the highest citizen participation score among all top twenty cities in 2026. **Geneva** and **Copenhagen** replicate the pattern almost exactly. In each case, the citizens surveyed were, on average, more pleased with the quality of infrastructure, services, and opportunities available to them than with the actual implementation or availability of technology in those processes. **Seoul**, by contrast, sits 12th overall with the largest technology-over-structures gap in the top twenty. Its residents benefit from world-class digital services, yet the city's corruption perception score (0.32) is among the lowest in the upper echelon, a reminder that digital capability and institutional credibility are not synonymous and cannot substitute for one another.

Equally important is reconceptualizing what infrastructure means in the digital age. Physical assets like roads and

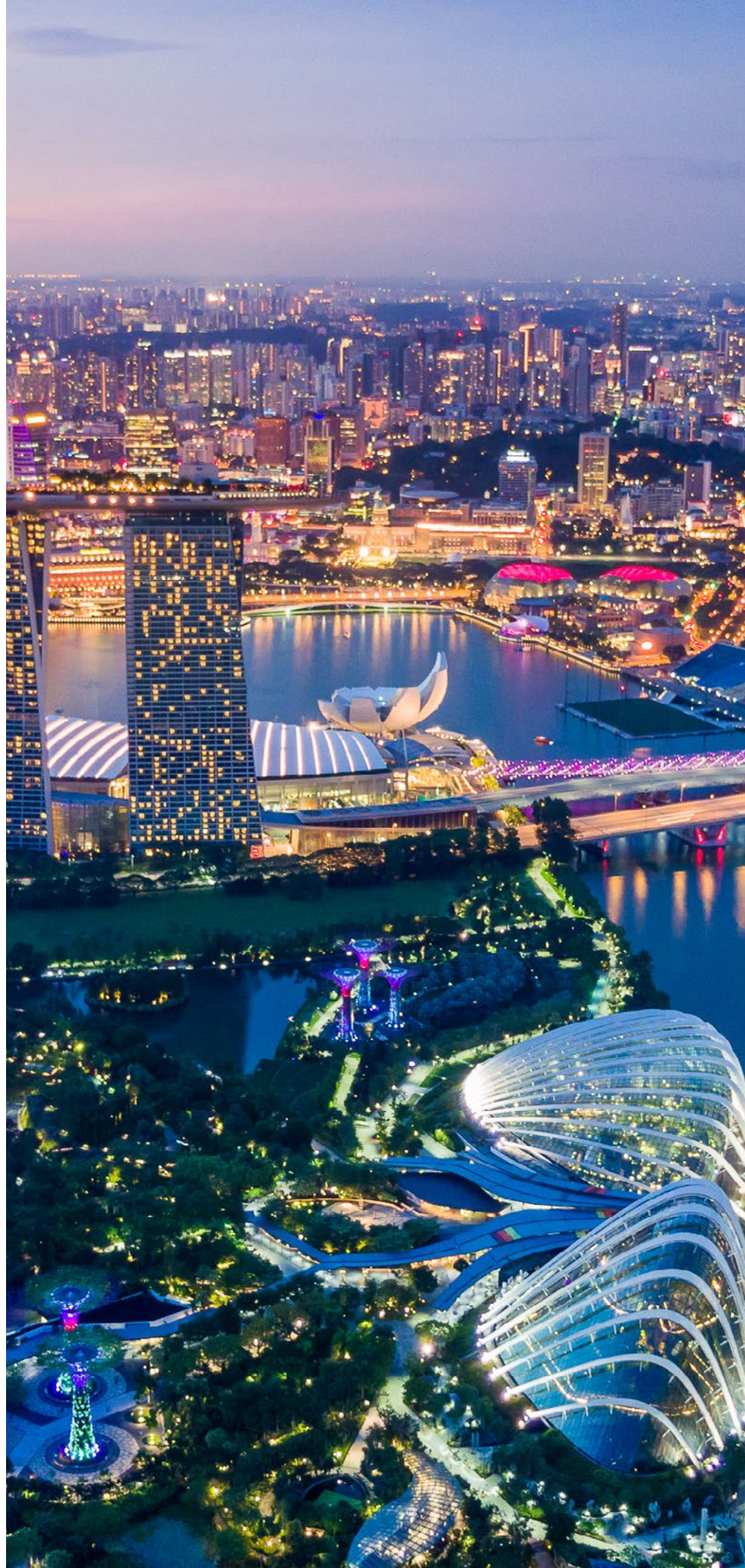
bridges remain essential, but the defining infrastructure of our time is largely invisible. Fiber-optic networks and connectivity platforms have become as fundamental to urban functioning as water pipes and electricity grids. This shift demands that policymakers treat digital infrastructure as a public good, ensuring universal access rather than allowing market forces alone to determine who gets connected. When connectivity becomes a prerequisite for accessing services, civic participation, or finding employment, unequal access creates a new form of urban inequality. The goal is not simply to digitize existing services, but to ensure technology strengthens social cohesion rather than fragmenting it.

Singapore illustrates the premium that accumulates when digital infrastructure is embedded in credible institutions. Its Structures and Technology scores are the most balanced of any city in the top ten (0.715 and 0.697, respectively), and nearly nine in 10 residents agree that online information has increased their trust in authorities. **Dubai** (sixth) and **Abu Dhabi** tell a related but distinct story: both score above 0.76 on the Technology pillar and record exceptional trust in online services (95.7% and 89%), demonstrating that the Gulf model of state-directed digital investment can generate genuine civic confidence when service delivery is high and of good quality. The contrast with **Bangkok** (90th), which has a Technology score comparable to **Singapore**'s but a Structures score that is 0.17 points lower, emphasizes an important distinction. Impressive technology, when lacking the institutional foundations to support its implementation, does not necessarily improve citizen well-being and can sometimes lead to frustration.

The environmental dimension adds an important layer to urban governance. Environmental issues can no longer be treated as a separate policy domain handled by specialized departments while the rest of the city management proceeds as usual. Instead, climate resilience and environmental stewardship must guide every major decision. Cities taking this integrated approach often find that environmental sustainability and efficiency reinforce each other. Waste-to-energy systems, for example, reduce emissions while lowering operating costs, and green building standards improve indoor environments while cutting energy use. This integration of environmental and economic logic reflects a shift in urban thinking, moving beyond the outdated assumption that environmental protection and economic growth are mutually exclusive.

Despite this, no governance framework, digital system, or sustainability strategy can fully compensate for deficits in human capital. Cities become intelligent only when their residents possess the skills needed to use and correctly apply the systems being built. This makes education the most important long-term investment a city can make. The returns compound across generations as educated populations drive innovation, adapt more readily to technological change, and participate more effectively in civic life. Cities that neglect this dimension may deploy impressive technology but will struggle to achieve meaningful adoption or realize the full benefits of their investments.

Rapidly emerging cities in South and Southeast Asia illustrate both the promise and limits of focusing on digital development. **Hanoi** (97th) and **Ho Chi Minh City** (105th), classified in the lower human development group, have Technology scores above 0.725 (comparable to many European capitals) and record some of the highest trust-in-online-government scores in the dataset (84.7% and 90.3%). Vietnam's cities show how technology can sometimes drive leapfrogging development. State-directed digital investment has generated high citizen satisfaction, while authorities are building the human capital foundations to sustain it. India offers a counterexample. Despite major technology hubs such as **Bengaluru** (115th), **Hyderabad** (114th), and **Mumbai** (113th), where citizen-reported technology scores are among the highest globally, India's cities remain in the lower third of the Index, held back by governance and participation scores that lag behind the digital economy surrounding them. The lesson is clear: human and institutional capital must grow alongside technical capability, not after it.



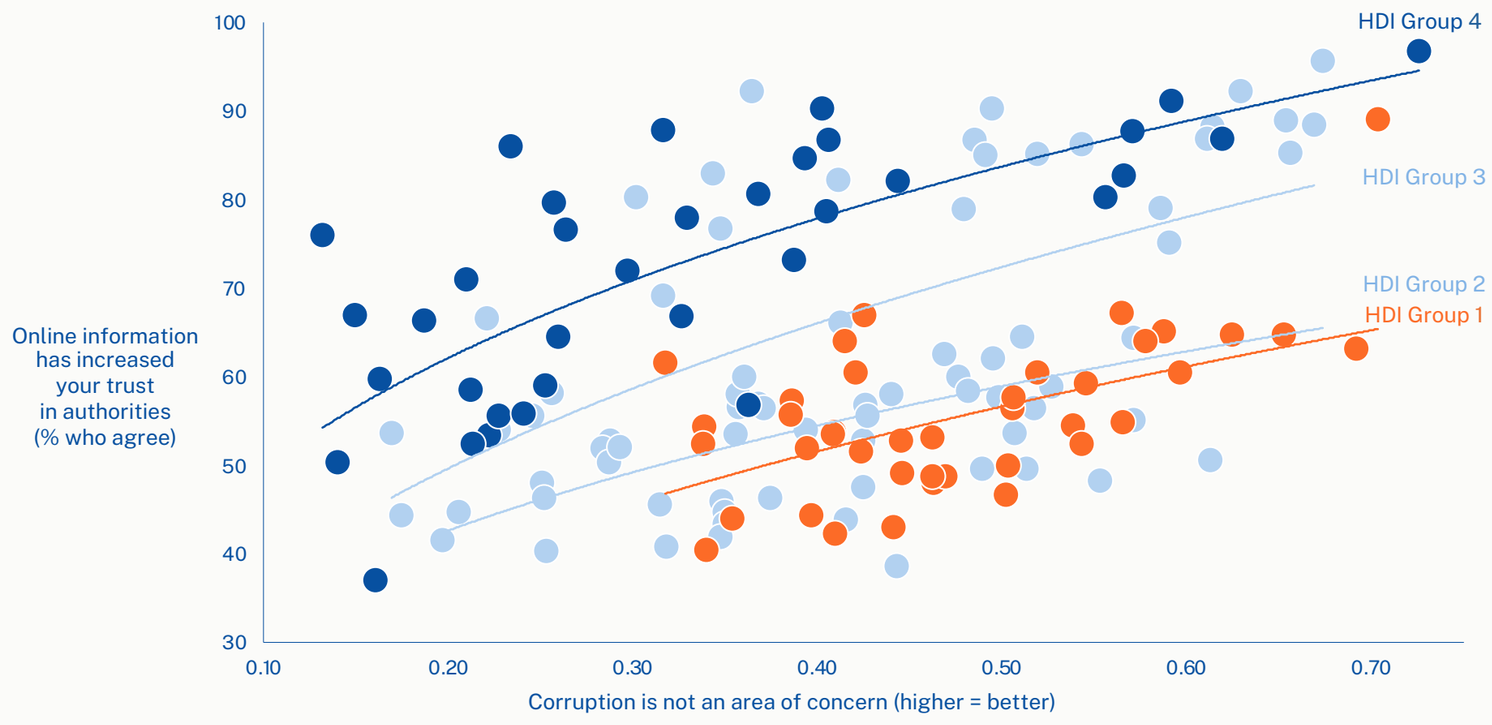
Cultural considerations deserve equal attention, though they often receive less in discussions of urban technology. Every city carries historical layers and cultural meanings that shape how residents understand their home and their place within it. Successful urban transformation respects these identities rather than treating them as obstacles to progress. This does not mean freezing cities in amber or rejecting change. Instead, innovation should build on local strengths and reflect local values. Cities that achieve this balance by protecting heritage sites while adopting new technologies or by incorporating traditional design elements into contemporary architecture tend to inspire stronger civic loyalty and attract more sustained investment than those that pursue generic modernization.

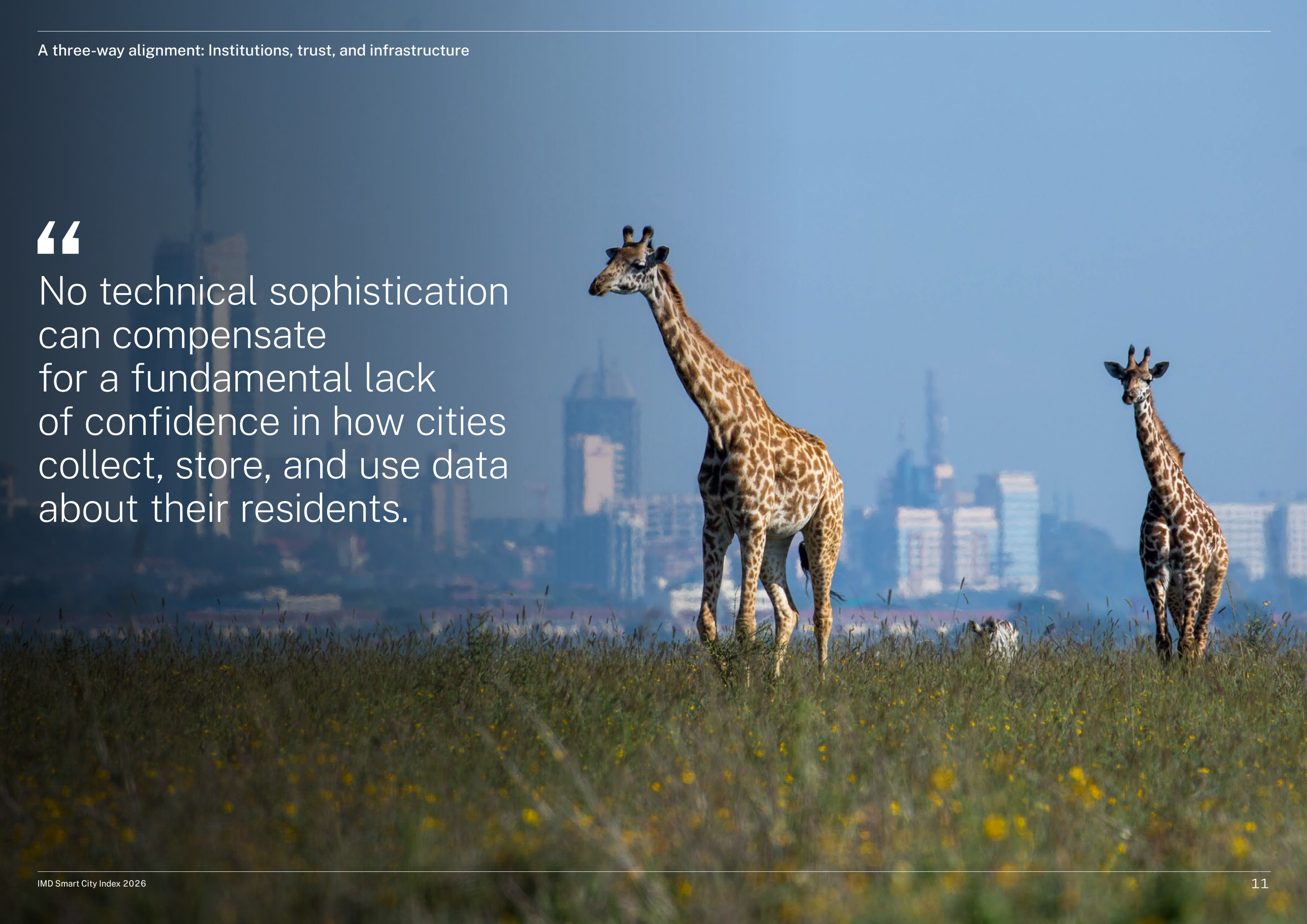
This cultural dimension has a measurable institutional echo. **Ljubljana** (18th), for example, achieves its strong position largely through structural quality despite recording one of the lowest online trust scores in the Top 30 (40.5%). This can be interpreted as a signal that residents engage with their city's institutions on historically grounded, and sometimes skeptical terms, that digital platforms cannot transform overnight. **Vienna** (28th), which has long been celebrated as a model of livable and equitable urbanism, shows a similar pattern: strong governance credentials paired with moderate digital trust, suggesting that in cities with deep civic traditions, trust is earned through proximity and participation as much as through online service delivery. The challenge for such cities is not to abandon their cultural foundations, but to translate them into digital environments that feel equally legible and accountable to their residents.

The culminating element in this architecture, and perhaps the most relevant to current debates, is trust itself. No technical sophistication can compensate for a fundamental lack of confidence in how cities collect, store, and use data about their residents. Trust depends on transparency about what information gets gathered and why, clear ethical guidelines governing algorithmic decision-making, robust privacy protections, and genuine opportunities for citizens to provide feedback that shapes policy. When cities establish these foundations early, technology becomes an enabler of better governance. When they neglect them, even well-intentioned initiatives can provoke backlash and resistance.

However, the 2026 SCI complicates any simple narrative about trust and development. Across the 148 cities surveyed, reported trust in online government information is highest in lower human development group cities, averaging 0.724 compared with 0.557 among the highest human development group. **Jakarta** ranks 106th overall, yet nearly 9 in 10 residents report that online information has increased their trust in authorities, a figure higher than that in **Zurich**. **Nairobi**, ranked 136th, records a trust score of 0.760 and an anti-corruption score of just 0.132, the second lowest in the dataset. This does not mean that governance quality is irrelevant, but that trust is context-dependent and multi-layered. In cities with a historically low institutional baseline, digital services can generate genuine satisfaction by improving on that baseline without necessarily transforming it. The risk is that this form of trust is transactional rather than civic, and therefore fragile. Cities that build digital confidence on mere service convenience, without corresponding advances in transparency, participation, and accountability, may find that trust evaporates when services fail or are perceived to be misused.

There are clear correlations between trust in authorities and perceptions of corruption, both within and between HDI Groups.





> No technical sophistication can compensate for a fundamental lack of confidence in how cities collect, store, and use data about their residents.

The cautionary cases sit at the other end of the income spectrum. **Athens**, ranked 139th, and **Rome**, ranked 143rd, are both high-income, high human development cities, yet both record anti-corruption scores below 0.25 and citizen participation scores lower than many Sub-Saharan African cities. Their weak performance should not be read as a reflection of poor quality of life, but rather of a gap between residents' expectations and the delivery of public services, with dissatisfaction rooted in perceived unfulfilled promises and limited responsiveness from authorities. Southern Europe, as a region, averages a rank of 100, with structural scores weaker than those of Southeast Asia. Wealth and development status do not guarantee institutional quality. A city can be affluent and technologically connected while, in the terms that matter most to residents, remaining untrustworthy. The investment that **Athens** and **Rome** need is not primarily in fiber-optic cables or smart sensors; it is in rebuilding the civic compact that makes residents willing to engage with, and place confidence in, the institutions that govern them.

The circular logic of Smart Cities

These various elements do not operate independently. They form an interconnected system where strength in one area can compensate for challenges in another, but weakness in foundational areas undermines everything else. A city with excellent digital infrastructure but poor governance will struggle to coordinate investments effectively. Impressive sustainability commitments mean little without the educational systems needed to build a workforce capable of implementing them. Cultural preservation efforts ring hollow without genuine citizen participation in deciding what gets preserved and how.

What the 2026 Smart City Index ultimately reveals is a circular logic at the heart of urban intelligence: trust enables investments in institutions, infrastructure, and public services that improve quality of life. When this improved quality of life is delivered transparently and equitably, trust is naturally reinforced. Further down the line, deeper trust creates the political and civic conditions for continued investment. Structures scores, in this reading, are not merely an input into Smart City performance; they are also its most important output, the accumulated evidence of whether a city has kept its side of the bargain with the people who live in it.

The cities that understand this can be found across the board: **Zurich** and **Singapore** at the top end of the development spectrum, **Hanoi** and **Doha** (34th) as rapidly emerging urban centers, and the Chinese cities of **Zhuhai** (40th) and **Hangzhou** (61st) demonstrating what state-directed ambition can achieve at scale. However, these cities are not simply deploying technology more cleverly than their peers. They are investing in the conditions that make technology trustworthy. The art of building a Smart City lies in orchestrating governance, infrastructure, sustainability, human capital, culture, and trust not as parallel projects, but as a single, self-reinforcing endeavor. The ultimate measure of success is not the sophistication of the systems built, but the confidence of the citizens who live within them and the extent to which those systems improve their everyday experience.

There are five new cities in the 2026 Index.

Tianjin and Zhuhai in China, Hafar Al Batin and Hail in Saudi Arabia, and San Salvador in El Salvador were not in the 2025 Index. This brings the 2026 total to 148.

The methodology remains consistent over time.

The ranking assesses how urban technologies and infrastructure perform in five key areas –health and safety, mobility, activities, opportunities, and governance.
To ensure accuracy and mitigate the influence of potential outliers, we employ a three-year moving average of residents' perceptions along the different issues considered.

The SCI is based on the survey responses of residents from a heterogeneous group of cities.

To enable comparability across similar environments, responses are calibrated to the local context by incorporating the city-level Sub-national Human Development Index (SHDI) from the Global Data Lab.

Zurich retained the top spot. Oslo remained in second place, and Geneva in third. London and Copenhagen entered the top five, at fourth and fifth, respectively. AlUla rose 27 places, and Washington DC gained 23 places. Bordeaux and Lyon were each down 19, and Ottawa and Shenzhen were down 18.

Dubai (sixth) and Abu Dhabi (10th) show that the Gulf model of state-directed digital investment can generate civic confidence when service delivery is high and of good quality. Hanoi (97th) and Ho Chi Minh City (105th) have technology scores comparable to many European capitals and rank among the highest for trust in online government scores.

The WCC defines a Smart City as one that strikes a good balance between its economic prowess, applied technology, environmental concerns, and inclusiveness to facilitate a high quality of life for its citizens.

The top 20 cities

1	Zurich	11	Helsinki
2	Oslo	12	Seoul
3	Geneva	13	Prague
4	London	14	Stockholm
5	Copenhagen	15	Hamburg
6	Dubai	16	Beijing
7	Lausanne	17	Amsterdam
8	Canberra	18	Ljubljana
9	Singapore	19	Munich
10	Abu Dhabi	20	Shanghai

The IMD World Competitiveness Center

For over 37 years, the IMD World Competitiveness Center has pioneered research on how countries and companies compete to lay the foundations for sustainable value creation. The competitiveness of nations is probably one of the most significant developments in modern management and IMD is committed to leading the field.

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IMD Smart City Index 2026

User guide

How to read a profile

SMART CITY RANKING

11

out of 148

11 in 2025
out of 146

SMART CITY RATING

AA

AA in 2025

FACTOR RATINGS

AA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

Smart City Ranking

Smart City Ranking: The Ranking position of the city amongst the 148 cities measured, based upon the Rating and its components.

Group: Each city is assigned to one of four groups, based upon its HDI values.

Smart City Rating and Factor Ratings: The Ratings for each city are calculated from the city's performance relative to the other cities within the group.

The Methodology section provides the exact procedure for these calculations.

The 2025 Ranking and Rating are also shown for the 146 cities included in the last edition's index.

BACKGROUND INFORMATION

City

Population

682,000 – 1,360,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.961*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

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

Country

Finland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.947	0.949	0.946	0.948	+0.002
Life expectancy at birth	81.9	81.8	81.8	81.2	81.9	+0.67
Expected years of schooling	19.0	19.0	19.2	19.5	19.5	+0.00
Mean years of schooling	12.9	12.9	13.0	13.0	13.0	+0.00
GNI per capita (PPP $)	57,745	57,261	58,692	58,412	57,068	-1,344

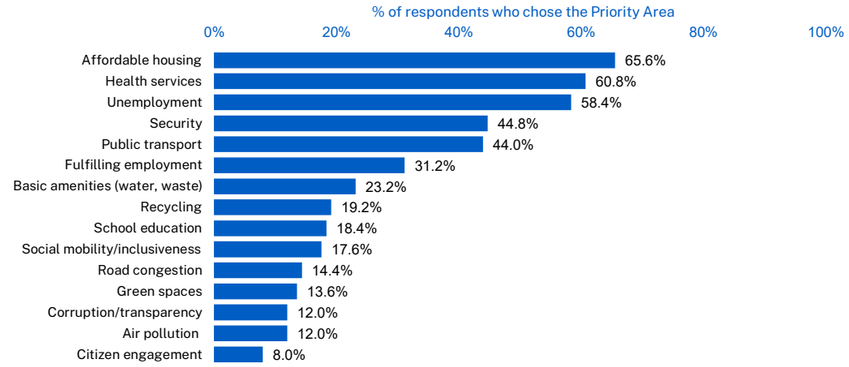
Background Information

This section presents the Sub-national Human Development Index (SHDI) for the city's region taken from the Global Data Lab, plus the population of the city. The population figures are sourced from United Nations World Urbanization Prospects, Eurostat, World Cities Database, and citypopulation.de. When the sources and definitions align a single average is given, while when they are divergent we show a range.

It also presents the United Nations' country-level HDI for the parent economy of a given city and its four components, as well as the city's position on the map. Please note: for Taipei City (Taiwan), the HDI is sourced from the government.

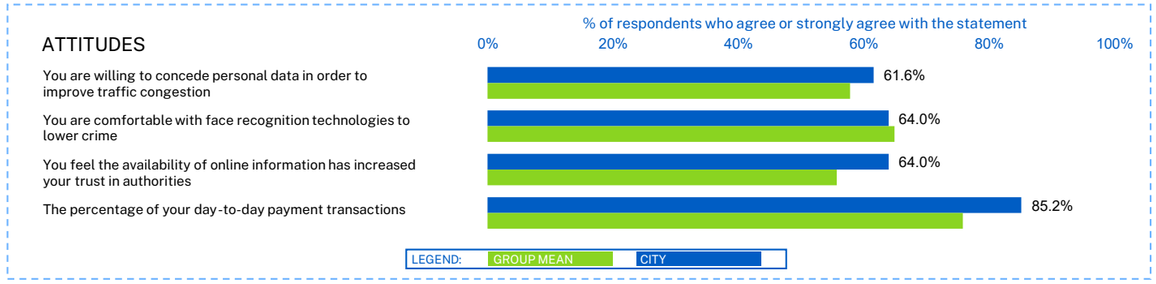
Priority Areas

Summarizes the areas that the respondents perceive as the priority area for their city. From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The bar indicates the percentage of the respondents that included a given area as one of their five choices. The higher the percentage of responses per indicator, the greater the priority for the respondents.



Attitudes

Shows and compares the responses to three key privacy aspects (willingness to concede personal data, comfort vis-à-vis face recognition, and whether online information has increased trust in authorities) and the percentage of day-to-day transactions that are non-cash. The city is represented by the blue bar, while the group average is shown by the green bar.



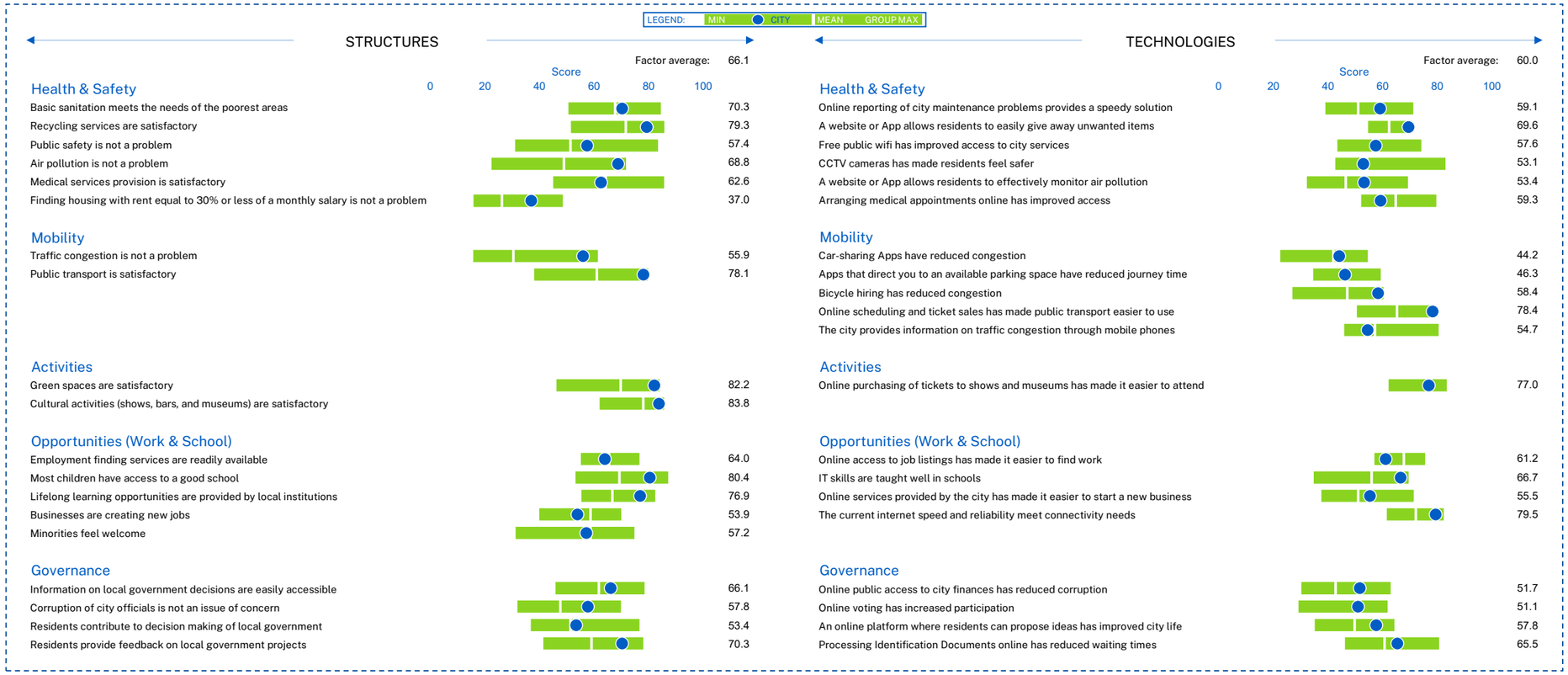
Structures and Technologies

Key survey data collected on Structures (left side) and Technologies (right side), under five key areas: health and safety, mobility, activities, opportunities, and governance.

Each indicator presents the Score for the city and a comparison with its Group (1-4). Showing the Group's Minimum, Mean, and Maximum Scores (green bar) alongside with the city (blue circle) allows a clear comparison of the city's performance in this indicator. The Methodology section provides the exact calculation of the Score.

This table can be read in two ways: down to examine all Structures or Technologies indicators, or across to examine a key area in both Structures and Technologies.

Above the scores, we also provide the Factor average of the scores for those indicators. This value is one component of Factor Rating, the Smart City Rating and the Smart City Ranking. A comparison between the average of the Structures and Technologies Factor scores also gives an indication which Factor drives the city's prosperity.



Methodology

1 The IMD Smart City Index (SCI) 2026 assesses the perceptions of residents on issues related to structures and technology applications available to them in their city.

2 This edition of the SCI ranks 148 cities worldwide by capturing the perceptions of 120 residents in each city. The final score for each city is computed by using the perceptions of the last three years of the survey, with the weight of 3 : 2 : 1 for 2026 : 2025 : 2024.

3 There are two pillars for which perceptions from residents are solicited: the Structures pillar referring to the existing infrastructure of the cities, and the Technology pillar describing the technological provisions and services available to the inhabitants.

4 Each pillar is evaluated over five key areas: health and safety, mobility, activities, opportunities, and governance.

5 The cities are distributed into four groups based on the Global Data Lab's Sub-national Human Development Index (SHDI) score of the city they are part of.

6 Within each SHDI group, cities are assigned a 'rating scale' (AAA to D) based on the perceptions-score of a given city compared to the scores of all other cities within the same group.

For group 1 (highest SHDI quartile), scale

AAA–AA–A–BBB–BB

For group 2 (second SHDI quartile), scale

A–BBB–BB–B–CCC

For group 3 (third SHDI quartile), scale

BB–B–CCC–CC–C

For group 4 (lowest SHDI quartile), scale

CCC–CC–C–D

7 **Rankings are then presented in two formats:**

- an overall ranking (1 to 148)
- a rating for each pillar and overall

Sources

The SCI is derived from survey responses collected from residents of participating cities. To **encourage the comparability of results across diverse global contexts**, these responses are calibrated using the region-level Sub-national Human Development Index (SHDI), provided by the Global Data Lab.

In addition, **data on city population is included for context**, although it is not factored into the rankings or ratings. Population figures are sourced from the United Nation's World Urbanization Prospects, Eurostat, World Cities Database, and citypopulation.de.

IMD Smart City Index 2026

Results

IMD Smart City Index 2026: Results

By 2026 city-ranking order

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Zurich	1	AAA	AAA	AA	1	—
Oslo	2	AA	AAA	A	2	—
Geneva	3	AA	AAA	A	3	—
London	4	A	BBB	AA	6	▲2
Copenhagen	5	AA	AAA	A	7	▲2
Dubai	6	A	A	A	4	▼2
Lausanne	7	A	AA	A	10	▲3
Canberra	8	A	AA	BBB	8	—
Singapore	9	AAA	AAA	AAA	9	—
Abu Dhabi	10	A	A	A	5	▼5
Helsinki	11	AA	AA	A	11	—
Seoul	12	A	BBB	AAA	13	▲1
Prague	13	A	A	AA	12	▼1
Stockholm	14	BBB	A	BBB	18	▲4
Hamburg	15	BBB	A	BBB	20	▲5
Beijing	16	BB	BB	BB	14	▼2
Amsterdam	17	A	A	A	17	—
Ljubljana	18	BBB	BBB	A	16	▼2
Munich	19	A	A	A	24	▲5
Shanghai	20	BB	BB	BB	15	▼5
Hong Kong	21	A	BBB	AA	19	▼2
Sydney	22	A	A	AA	32	▲10
Auckland	23	BBB	BBB	BBB	25	▲2
Riyadh	24	BB	BB	BB	27	▲3
Taipei City	25	BBB	BBB	BBB	23	▼2

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Tallinn	26	BB	BBB	BB	22	▼4
Wellington	27	BBB	A	BB	30	▲3
Vienna	28	A	AA	A	26	▼2
Berlin	29	BBB	BBB	BBB	37	▲8
Bilbao	30	BB	BBB	BB	29	▼1
Warsaw	31	BB	BBB	BB	28	▼3
Vilnius	32	BBB	BBB	BB	34	▲2
Hail	33	BB	BB	B		NEW
Doha	34	BB	BB	BB	33	▼1
Boston	35	BBB	BBB	BBB	35	—
Tianjin	36	BB	BB	BB		NEW
Madrid	37	A	BBB	AA	38	▲1
Bratislava	38	BBB	BBB	A	57	▲19
Washington D.C.	39	BBB	BBB	A	62	▲23
Zhuhai	40	CCC	CCC	CCC		NEW
Seattle	41	BBB	BBB	BBB	56	▲15
Luxembourg	42	BB	BBB	B	31	▼11
Dusseldorf	43	BBB	A	BBB	45	▲2
Gothenburg	44	BBB	BBB	BBB	40	▼4
New York	45	BB	BB	BB	49	▲4
Manchester	46	BB	BBB	B	64	▲18
Riga	47	BB	BB	B	46	▼1
Toronto	48	BBB	BBB	A	63	▲15
Dublin	49	BB	BB	BBB	66	▲17
Mecca	50	B	B	B	39	▼11

IMD Smart City Index 2026: Results

By 2026 city-ranking order

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Guangzhou	51	CCC	CCC	CCC	55	▲4
Rotterdam	52	BBB	BBB	BBB	41	▼11
Manama	53	B	B	B	36	▼17
The Hague	54	BBB	BBB	BBB	43	▼11
Jeddah	55	B	B	B	47	▼8
Nanjing	56	BB	BB	BB	58	▲2
Brisbane	57	BB	BBB	B	51	▼6
Vancouver	58	BBB	BBB	BBB	53	▼5
Brussels	59	BB	BB	BBB	48	▼11
Melbourne	60	BBB	BBB	BBB	44	▼16
Ottawa	61	BBB	A	BBB	42	▼19
Hangzhou	62	CCC	CCC	CCC	54	▼8
Zaragoza	63	BB	BBB	B	52	▼11
Al Khobar	64	B	BB	B	61	▼3
Kuala Lumpur	65	B	BB	B	65	—
Hanover	66	BB	BBB	CCC	59	▼7
Medina	67	B	B	B	67	—
Shenzhen	68	CCC	CCC	CCC	50	▼18
Busan	69	BB	BB	BB	60	▼9
Krakow	70	CCC	B	CCC	70	—
Paris	71	BB	BB	BBB	71	—
San Francisco	72	B	BB	B	82	▲10
Los Angeles	73	B	BB	B	91	▲18
Chongqing	74	CCC	CCC	CCC	69	▼5
Bucharest	75	BB	B	BB	78	▲3

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Leeds	76	BB	BB	B	72	▼4
Newcastle	77	CCC	B	CC	75	▼2
Denver	78	BB	BB	BB	68	▼10
Budapest	79	B	B	B	84	▲5
Zagreb	80	B	BB	B	85	▲5
Chicago	81	B	BB	B	79	▼2
Bologna	82	B	BB	B	83	▲1
Tel Aviv	83	BB	BB	B	96	▲13
Cardiff	84	CCC	B	CC	89	▲5
AlUla	85	CCC	B	CCC	112	▲27
Montreal	86	B	BB	B	81	▼5
Chengdu	87	CCC	CCC	CCC	76	▼11
Kiel	88	B	BB	CCC	74	▼14
Birmingham	89	B	BB	B	80	▼9
Bangkok	90	B	CCC	B	86	▼4
Glasgow	91	B	BB	CCC	95	▲4
Lyon	92	B	B	B	73	▼19
Belfast	93	CC	CCC	CC	94	▲1
Barcelona	94	B	B	B	92	▼2
Kuwait City	95	CCC	B	CCC	90	▼5
Bordeaux	96	CC	CCC	CC	77	▼19
Hanoi	97	CC	CC	CC	88	▼9
Tokyo	98	BB	BBB	BB	108	▲10
Philadelphia	99	B	B	B	100	▲1
Hafar Al Batin	100	CCC	CCC	CCC		NEW

IMD Smart City Index 2026: Results

By 2026 city-ranking order

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Milan	101	B	B	B	97	▼4
Osaka	102	B	BB	CCC	99	▼3
Muscat	103	CCC	B	CCC	87	▼16
Astana	104	CCC	B	CCC	102	▼2
Ho Chi Minh City	105	CC	CC	CC	101	▼4
Jakarta	106	CC	CC	CC	103	▼3
Lille	107	CC	CCC	CC	93	▼14
Phoenix	108	CC	CCC	C	105	▼3
Ankara	109	CC	CCC	CC	98	▼11
Delhi	110	CC	CC	CC	104	▼6
Marseille	111	B	B	B	107	▼4
Makassar	112	CC	CC	CC	114	▲2
Mumbai	113	CC	CC	CC	106	▼7
Hyderabad	114	CC	CC	CC	109	▼5
Bengaluru	115	CC	CC	CC	110	▼5
Istanbul	116	CC	CC	CC	111	▼5
Lisbon	117	C	CC	CC	115	▼2
Medan	118	CC	CC	CC	113	▼5
Islamabad	119	CC	CC	CC	116	▼3
Santiago	120	CC	CC	CC	120	—
Medellin	121	C	C	C	118	▼3
Nicosia	122	C	CC	C	122	—
Mexico City	123	CC	CC	CC	119	▼4
Rabat	124	C	C	C	123	▼1

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Cairo	125	C	C	C	117	▼8
Sofia	126	CC	CC	CC	121	▼5
Cape Town	127	C	C	C	124	▼3
Algiers	128	C	C	D	128	—
San Jose	129	C	CC	C	126	▼3
Amman	130	C	D	C	127	▼3
Abuja	131	C	C	C	133	▲2
Manila	132	C	D	C	125	▼7
Brasilia	133	D	C	D	130	▼3
Buenos Aires	134	C	CC	C	131	▼3
Bogota	135	D	D	D	134	▼1
Nairobi	136	C	D	C	136	—
San Juan	137	C	CC	C	132	▼5
Lagos	138	D	D	D	135	▼3
Athens	139	CCC	CCC	CCC	129	▼10
Sao Paulo	140	D	D	D	137	▼3
San Salvador	141	D	D	D		NEW
Accra	142	D	D	D	141	▼1
Rome	143	CCC	CCC	CCC	139	▼4
Lima	144	C	C	C	138	▼6
Beirut	145	D	D	D	143	▼2
Tunis	146	D	D	D	142	▼4
Guatemala City	147	D	D	D	144	▼3
Rio de Janeiro	148	D	D	D	146	▼2

IMD Smart City Index 2026

City profiles

Abu Dhabi

SMART CITY RANKING

10

out of 148

5 in 2025
out of 146

SMART CITY RATING

A

A in 2025

FACTOR RATINGS

A

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,603,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.937*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

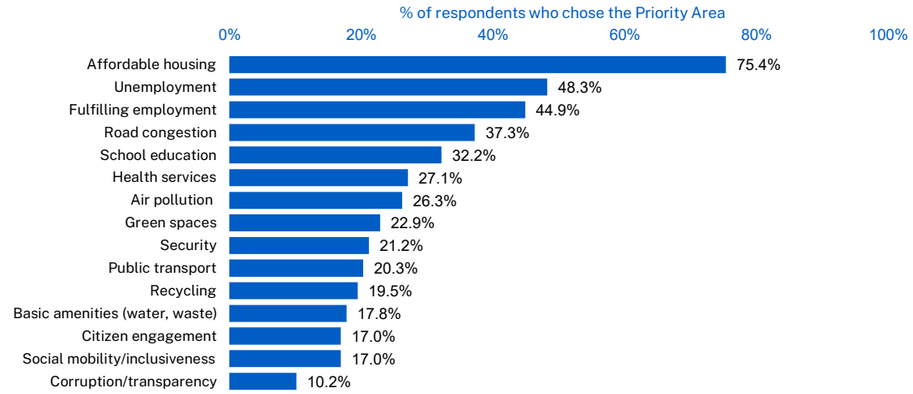
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Arab Emirates	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.915	0.909	0.903	0.921	0.940	+0.019
Life expectancy at birth	82.6	81.9	79.1	80.5	82.9	+2.42
Expected years of schooling	13.5	13.5	14.2	14.9	15.6	+0.69
Mean years of schooling	12.7	12.7	12.8	13.0	13.0	+0.00
GNI per capita (PPP $)	72,885	68,049	68,790	70,818	71,142	+324

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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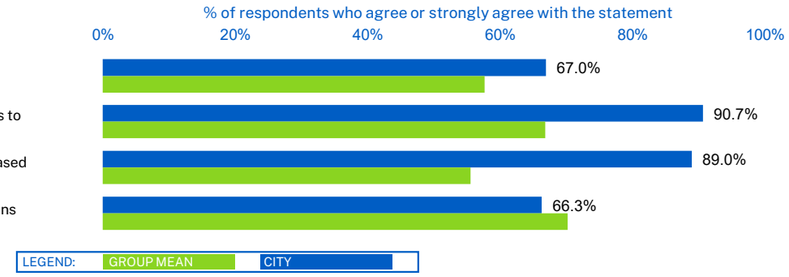


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	85.2
Recycling services are satisfactory	85.9
Public safety is not a problem	66.6
Air pollution is not a problem	51.5
Medical services provision is satisfactory	85.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	48.6

Mobility

Traffic congestion is not a problem	53.4
Public transport is satisfactory	81.5

Activities

Green spaces are satisfactory	82.6
Cultural activities (shows, bars, and museums) are satisfactory	84.3

Opportunities (Work & School)

Employment finding services are readily available	64.2
Most children have access to a good school	75.4
Lifelong learning opportunities are provided by local institutions	71.0
Businesses are creating new jobs	71.2
Minorities feel welcome	82.5

Governance

Information on local government decisions are easily accessible	84.8
Corruption of city officials is not an issue of concern	65.4
Residents contribute to decision making of local government	64.2
Residents provide feedback on local government projects	72.8

TECHNOLOGIES

Factor average: 76.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	74.3
A website or App allows residents to easily give away unwanted items	72.0
Free public wifi has improved access to city services	74.7
CCTV cameras has made residents feel safer	86.9
A website or App allows residents to effectively monitor air pollution	61.9
Arranging medical appointments online has improved access	85.2

Mobility

Car-sharing Apps have reduced congestion	69.8
Apps that direct you to an available parking space have reduced journey time	69.0
Bicycle hiring has reduced congestion	67.6
Online scheduling and ticket sales has made public transport easier to use	79.1
The city provides information on traffic congestion through mobile phones	81.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	86.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.5
IT skills are taught well in schools	75.8
Online services provided by the city has made it easier to start a new business	78.3
The current internet speed and reliability meet connectivity needs	85.7

Governance

Online public access to city finances has reduced corruption	74.3
Online voting has increased participation	71.1
An online platform where residents can propose ideas has improved city life	76.3
Processing Identification Documents online has reduced waiting times	84.1

Abuja

SMART CITY RANKING

131

out of 148

133 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

C

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,457,000 – 4,030,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.678*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

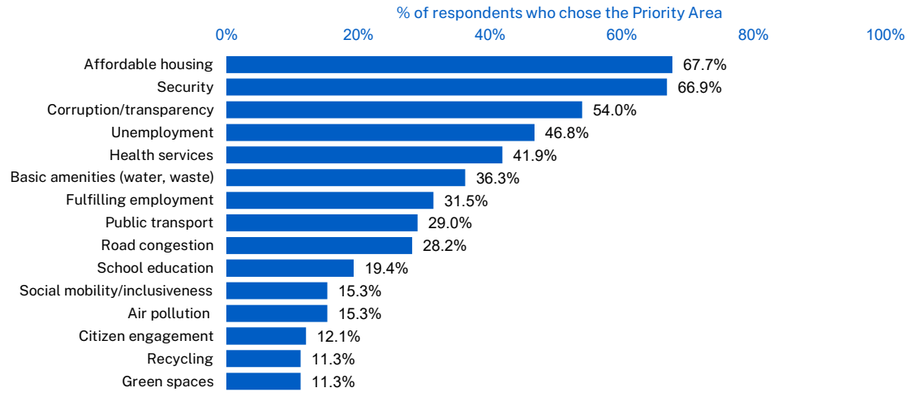
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Nigeria	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.544	0.547	0.554	0.557	0.560	+0.003
Life expectancy at birth	53.0	53.1	53.5	54.1	54.5	+0.38
Expected years of schooling	10.1	10.3	10.5	10.5	10.5	+0.00
Mean years of schooling	7.2	7.4	7.6	7.6	7.6	+0.00
GNI per capita (PPP $)	5,621	5,480	5,514	5,538	5,569	+32

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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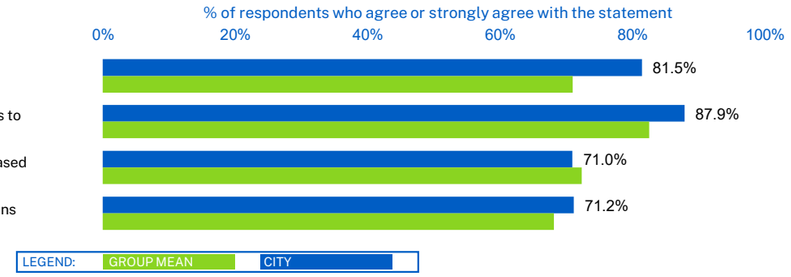


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 51.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	58.6
Recycling services are satisfactory	58.7
Public safety is not a problem	41.2
Air pollution is not a problem	39.3
Medical services provision is satisfactory	58.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.6

Mobility

Traffic congestion is not a problem	43.9
Public transport is satisfactory	53.0

Activities

Green spaces are satisfactory	64.4
Cultural activities (shows, bars, and museums) are satisfactory	74.2

Opportunities (Work & School)

Employment finding services are readily available	49.8
Most children have access to a good school	58.4
Lifelong learning opportunities are provided by local institutions	51.9
Businesses are creating new jobs	71.2
Minorities feel welcome	57.0

Governance

Information on local government decisions are easily accessible	53.9
Corruption of city officials is not an issue of concern	21.0
Residents contribute to decision making of local government	37.5
Residents provide feedback on local government projects	46.5

TECHNOLOGIES

Factor average: 55.6

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	55.9
A website or App allows residents to easily give away unwanted items	44.5
Free public wifi has improved access to city services	42.5
CCTV cameras has made residents feel safer	56.3
A website or App allows residents to effectively monitor air pollution	36.1
Arranging medical appointments online has improved access	63.0

Mobility

Car-sharing Apps have reduced congestion	64.1
Apps that direct you to an available parking space have reduced journey time	54.0
Bicycle hiring has reduced congestion	39.3
Online scheduling and ticket sales has made public transport easier to use	65.8
The city provides information on traffic congestion through mobile phones	51.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	70.3
IT skills are taught well in schools	60.9
Online services provided by the city has made it easier to start a new business	61.9
The current internet speed and reliability meet connectivity needs	70.2

Governance

Online public access to city finances has reduced corruption	36.7
Online voting has increased participation	42.4
An online platform where residents can propose ideas has improved city life	49.7
Processing Identification Documents online has reduced waiting times	70.2

Accra

SMART CITY RANKING

142

out of 148

141 in 2025
out of 146

SMART CITY RATING

D

D in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,460,000 – 2,720,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.670*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

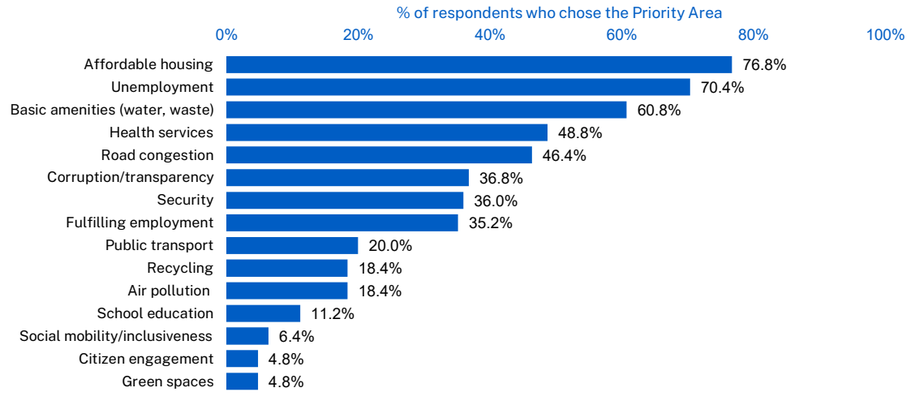
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Ghana	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.609	0.614	0.618	0.625	0.628	+0.003
Life expectancy at birth	64.5	64.3	64.3	65.2	65.5	+0.25
Expected years of schooling	11.3	11.4	11.6	11.4	11.4	+0.00
Mean years of schooling	6.5	6.7	6.9	7.1	7.1	+0.00
GNI per capita (PPP $)	6,197	6,415	6,344	6,546	6,846	+301

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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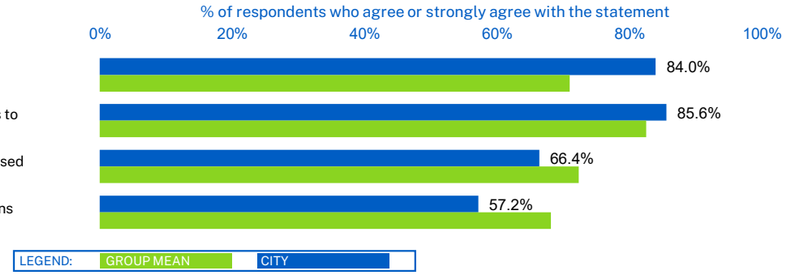


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 44.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	47.8
Recycling services are satisfactory	43.3
Public safety is not a problem	49.1
Air pollution is not a problem	27.5
Medical services provision is satisfactory	55.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.4

Mobility

Traffic congestion is not a problem	20.4
Public transport is satisfactory	44.4

Activities

Green spaces are satisfactory	45.4
Cultural activities (shows, bars, and museums) are satisfactory	74.0

Opportunities (Work & School)

Employment finding services are readily available	36.2
Most children have access to a good school	54.9
Lifelong learning opportunities are provided by local institutions	44.6
Businesses are creating new jobs	54.5
Minorities feel welcome	55.7

Governance

Information on local government decisions are easily accessible	54.9
Corruption of city officials is not an issue of concern	18.7
Residents contribute to decision making of local government	41.0
Residents provide feedback on local government projects	48.9

TECHNOLOGIES

Factor average: 45.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	43.4
A website or App allows residents to easily give away unwanted items	30.8
Free public wifi has improved access to city services	26.4
CCTV cameras has made residents feel safer	59.6
A website or App allows residents to effectively monitor air pollution	21.9
Arranging medical appointments online has improved access	54.4

Mobility

Car-sharing Apps have reduced congestion	50.4
Apps that direct you to an available parking space have reduced journey time	37.5
Bicycle hiring has reduced congestion	29.2
Online scheduling and ticket sales has made public transport easier to use	52.1
The city provides information on traffic congestion through mobile phones	33.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	69.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	60.7
IT skills are taught well in schools	58.7
Online services provided by the city has made it easier to start a new business	55.7
The current internet speed and reliability meet connectivity needs	56.3

Governance

Online public access to city finances has reduced corruption	28.0
Online voting has increased participation	28.7
An online platform where residents can propose ideas has improved city life	40.4
Processing Identification Documents online has reduced waiting times	66.7

Al Khobar

SMART CITY RANKING

64

out of 148

61 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

145,000 – 410,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.862*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

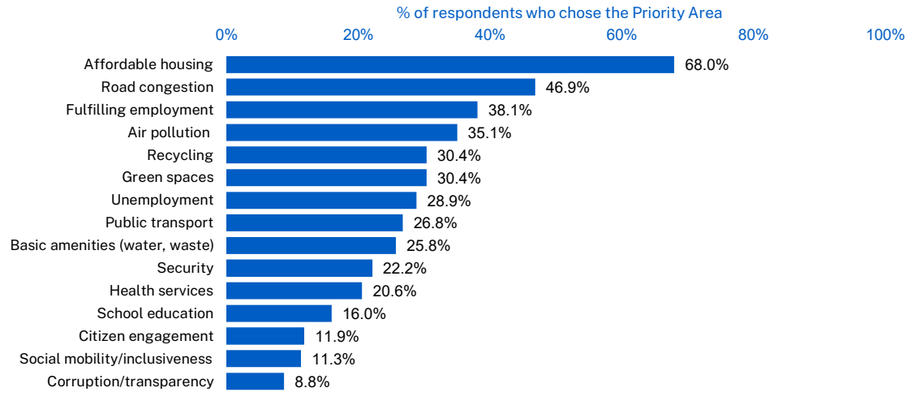
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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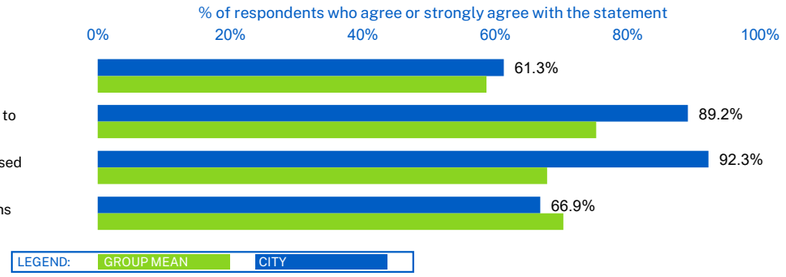


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 65.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	79.9
Recycling services are satisfactory	70.1
Public safety is not a problem	55.5
Air pollution is not a problem	36.1
Medical services provision is satisfactory	83.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	54.5

Mobility

Traffic congestion is not a problem	38.1
Public transport is satisfactory	64.5

Activities

Green spaces are satisfactory	71.8
Cultural activities (shows, bars, and museums) are satisfactory	76.8

Opportunities (Work & School)

Employment finding services are readily available	57.6
Most children have access to a good school	78.6
Lifelong learning opportunities are provided by local institutions	72.5
Businesses are creating new jobs	64.4
Minorities feel welcome	76.1

Governance

Information on local government decisions are easily accessible	81.4
Corruption of city officials is not an issue of concern	62.9
Residents contribute to decision making of local government	61.4
Residents provide feedback on local government projects	66.1

TECHNOLOGIES

Factor average: 71.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	76.8
A website or App allows residents to easily give away unwanted items	71.0
Free public wifi has improved access to city services	62.8
CCTV cameras has made residents feel safer	77.1
A website or App allows residents to effectively monitor air pollution	58.5
Arranging medical appointments online has improved access	86.2

Mobility

Car-sharing Apps have reduced congestion	62.2
Apps that direct you to an available parking space have reduced journey time	68.8
Bicycle hiring has reduced congestion	50.4
Online scheduling and ticket sales has made public transport easier to use	73.2
The city provides information on traffic congestion through mobile phones	68.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	82.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	75.3
IT skills are taught well in schools	71.2
Online services provided by the city has made it easier to start a new business	75.0
The current internet speed and reliability meet connectivity needs	78.2

Governance

Online public access to city finances has reduced corruption	69.3
Online voting has increased participation	68.2
An online platform where residents can propose ideas has improved city life	70.0
Processing Identification Documents online has reduced waiting times	82.7

Algiers

SMART CITY RANKING

128

out of 148

128 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

C

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

2,804,000 – 3,416,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.766*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

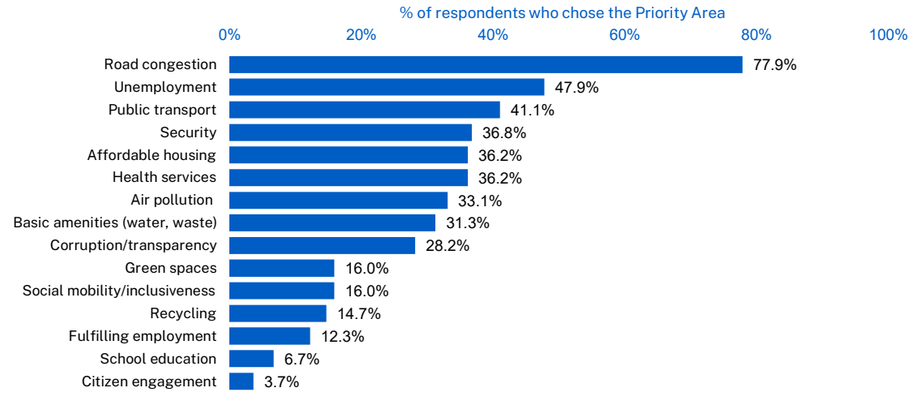
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Algeria	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.753	0.742	0.755	0.761	0.763	+0.002
Life expectancy at birth	75.7	73.3	75.2	76.1	76.3	+0.13
Expected years of schooling	15.2	15.3	15.4	15.5	15.5	+0.01
Mean years of schooling	7.0	7.2	7.4	7.4	7.4	+0.00
GNI per capita (PPP $)	15,105	14,167	14,404	14,582	15,114	+532

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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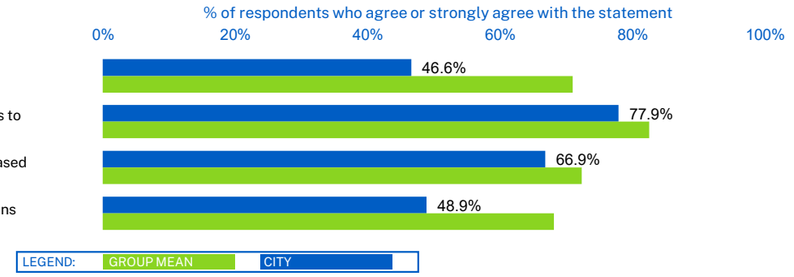


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 48.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	57.1
Recycling services are satisfactory	49.6
Public safety is not a problem	55.3
Air pollution is not a problem	36.1
Medical services provision is satisfactory	57.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	36.3

Mobility

Traffic congestion is not a problem	19.9
Public transport is satisfactory	41.4

Activities

Green spaces are satisfactory	58.8
Cultural activities (shows, bars, and museums) are satisfactory	58.8

Opportunities (Work & School)

Employment finding services are readily available	35.6
Most children have access to a good school	65.1
Lifelong learning opportunities are provided by local institutions	65.1
Businesses are creating new jobs	43.1
Minorities feel welcome	59.6

Governance

Information on local government decisions are easily accessible	53.3
Corruption of city officials is not an issue of concern	32.6
Residents contribute to decision making of local government	43.0
Residents provide feedback on local government projects	46.4

TECHNOLOGIES

Factor average: 53.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.5
A website or App allows residents to easily give away unwanted items	46.9
Free public wifi has improved access to city services	47.6
CCTV cameras has made residents feel safer	61.9
A website or App allows residents to effectively monitor air pollution	38.8
Arranging medical appointments online has improved access	59.3

Mobility

Car-sharing Apps have reduced congestion	51.6
Apps that direct you to an available parking space have reduced journey time	55.8
Bicycle hiring has reduced congestion	41.7
Online scheduling and ticket sales has made public transport easier to use	62.5
The city provides information on traffic congestion through mobile phones	47.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	60.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	59.4
IT skills are taught well in schools	59.0
Online services provided by the city has made it easier to start a new business	55.8
The current internet speed and reliability meet connectivity needs	62.0

Governance

Online public access to city finances has reduced corruption	46.9
Online voting has increased participation	44.3
An online platform where residents can propose ideas has improved city life	49.0
Processing Identification Documents online has reduced waiting times	67.8

AlUla

SMART CITY RANKING

85

out of 148

112 in 2025
out of 146

SMART CITY RATING

CCC

CC in 2025

FACTOR RATINGS

B

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

58,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.871*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

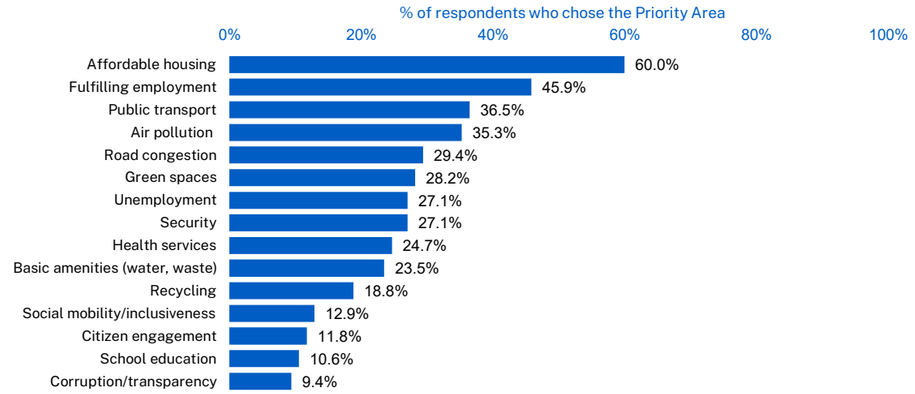
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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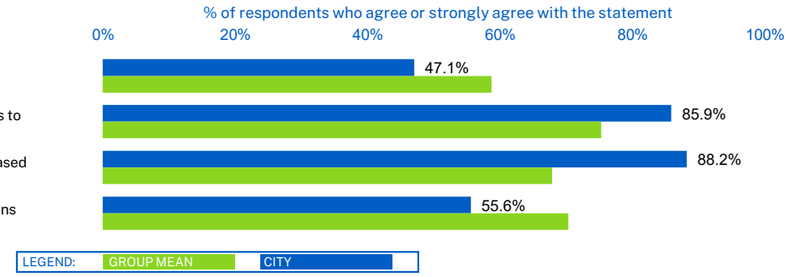


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.0

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	71.6
Recycling services are satisfactory	66.9
Public safety is not a problem	49.5
Air pollution is not a problem	34.2
Medical services provision is satisfactory	61.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	35.0

Mobility

	Score
Traffic congestion is not a problem	42.1
Public transport is satisfactory	62.3

Activities

	Score
Green spaces are satisfactory	58.5
Cultural activities (shows, bars, and museums) are satisfactory	72.0

Opportunities (Work & School)

	Score
Employment finding services are readily available	44.0
Most children have access to a good school	72.5
Lifelong learning opportunities are provided by local institutions	67.1
Businesses are creating new jobs	53.4
Minorities feel welcome	74.8

Governance

	Score
Information on local government decisions are easily accessible	69.1
Corruption of city officials is not an issue of concern	56.8
Residents contribute to decision making of local government	53.7
Residents provide feedback on local government projects	56.1

TECHNOLOGIES

Factor average: 63.9

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	63.0
A website or App allows residents to easily give away unwanted items	54.8
Free public wifi has improved access to city services	53.1
CCTV cameras has made residents feel safer	74.9
A website or App allows residents to effectively monitor air pollution	49.9
Arranging medical appointments online has improved access	80.3

Mobility

	Score
Car-sharing Apps have reduced congestion	60.7
Apps that direct you to an available parking space have reduced journey time	66.9
Bicycle hiring has reduced congestion	56.3
Online scheduling and ticket sales has made public transport easier to use	71.0
The city provides information on traffic congestion through mobile phones	51.3

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	80.4

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	63.7
IT skills are taught well in schools	63.5
Online services provided by the city has made it easier to start a new business	66.0
The current internet speed and reliability meet connectivity needs	61.3

Governance

	Score
Online public access to city finances has reduced corruption	63.3
Online voting has increased participation	63.8
An online platform where residents can propose ideas has improved city life	55.7
Processing Identification Documents online has reduced waiting times	77.9

Amman

SMART CITY RANKING

130

out of 148

127 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

D

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

4,008,000 – 4,530,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.753*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

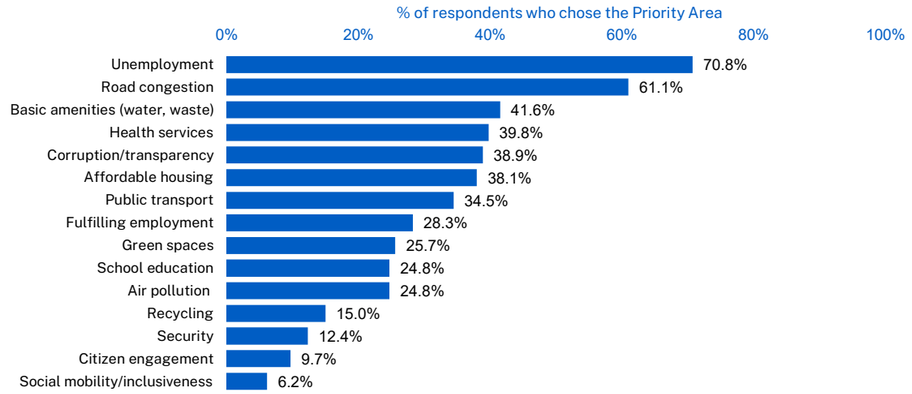
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Jordan	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.750	0.743	0.736	0.751	0.754	+0.003
Life expectancy at birth	76.9	75.6	74.2	77.1	77.8	+0.73
Expected years of schooling	12.9	12.9	12.9	13.0	13.1	+0.07
Mean years of schooling	10.4	10.4	10.4	10.3	10.2	-0.07
GNI per capita (PPP $)	9,222	8,931	9,069	9,133	9,222	+89

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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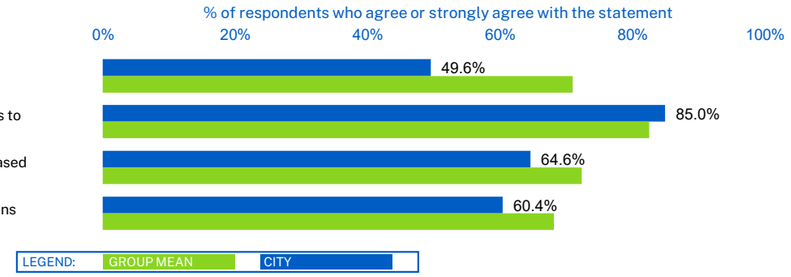


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 44.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	63.5
Recycling services are satisfactory	50.0
Public safety is not a problem	44.9
Air pollution is not a problem	29.0
Medical services provision is satisfactory	63.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	32.2

Mobility

Traffic congestion is not a problem	17.0
Public transport is satisfactory	49.7

Activities

Green spaces are satisfactory	42.4
Cultural activities (shows, bars, and museums) are satisfactory	60.5

Opportunities (Work & School)

Employment finding services are readily available	34.5
Most children have access to a good school	50.2
Lifelong learning opportunities are provided by local institutions	46.1
Businesses are creating new jobs	39.8
Minorities feel welcome	63.1

Governance

Information on local government decisions are easily accessible	61.8
Corruption of city officials is not an issue of concern	26.0
Residents contribute to decision making of local government	34.9
Residents provide feedback on local government projects	38.1

TECHNOLOGIES

Factor average: 57.1

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	59.7
A website or App allows residents to easily give away unwanted items	51.3
Free public wifi has improved access to city services	49.8
CCTV cameras has made residents feel safer	73.5
A website or App allows residents to effectively monitor air pollution	36.4
Arranging medical appointments online has improved access	70.4

Mobility

Car-sharing Apps have reduced congestion	55.2
Apps that direct you to an available parking space have reduced journey time	53.2
Bicycle hiring has reduced congestion	39.4
Online scheduling and ticket sales has made public transport easier to use	66.9
The city provides information on traffic congestion through mobile phones	56.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	66.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.1
IT skills are taught well in schools	54.3
Online services provided by the city has made it easier to start a new business	55.0
The current internet speed and reliability meet connectivity needs	71.3

Governance

Online public access to city finances has reduced corruption	45.5
Online voting has increased participation	48.7
An online platform where residents can propose ideas has improved city life	47.2
Processing Identification Documents online has reduced waiting times	75.9

Amsterdam

SMART CITY RANKING

17

out of 148

17 in 2025
out of 146

SMART CITY RATING

A

A in 2025

FACTOR RATINGS

A

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

917,000 – 1,477,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.964*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

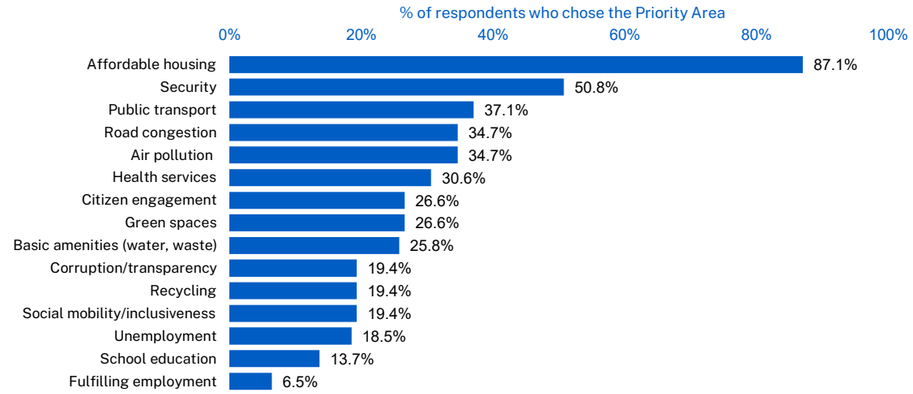
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Netherlands	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.950	0.945	0.951	0.953	0.955	+0.002
Life expectancy at birth	82.1	81.4	81.4	81.9	82.2	+0.25
Expected years of schooling	18.4	18.4	18.6	18.6	18.6	+0.00
Mean years of schooling	12.4	12.6	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	65,792	62,085	68,775	68,566	68,344	-222

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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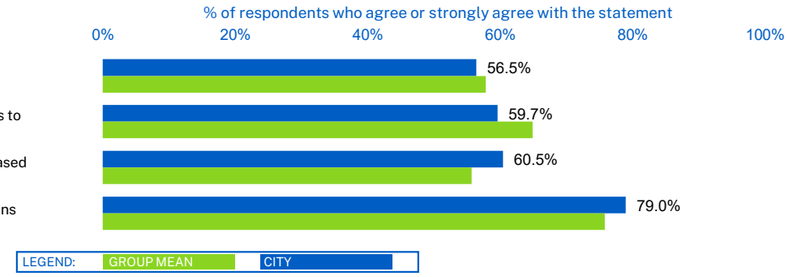


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 59.2

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	63.3
Recycling services are satisfactory	67.3
Public safety is not a problem	45.2
Air pollution is not a problem	40.0
Medical services provision is satisfactory	72.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	18.6

Mobility

Traffic congestion is not a problem	29.7
Public transport is satisfactory	62.7

Activities

Green spaces are satisfactory	61.1
Cultural activities (shows, bars, and museums) are satisfactory	83.5

Opportunities (Work & School)

Employment finding services are readily available	72.7
Most children have access to a good school	74.8
Lifelong learning opportunities are provided by local institutions	66.3
Businesses are creating new jobs	70.5
Minorities feel welcome	63.7

Governance

Information on local government decisions are easily accessible	64.0
Corruption of city officials is not an issue of concern	51.9
Residents contribute to decision making of local government	53.9
Residents provide feedback on local government projects	62.8

TECHNOLOGIES

Factor average: 57.2

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	52.6
A website or App allows residents to easily give away unwanted items	62.0
Free public wifi has improved access to city services	51.7
CCTV cameras has made residents feel safer	55.6
A website or App allows residents to effectively monitor air pollution	43.7
Arranging medical appointments online has improved access	66.2

Mobility

Car-sharing Apps have reduced congestion	43.0
Apps that direct you to an available parking space have reduced journey time	52.1
Bicycle hiring has reduced congestion	54.4
Online scheduling and ticket sales has made public transport easier to use	65.5
The city provides information on traffic congestion through mobile phones	55.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.4
IT skills are taught well in schools	55.1
Online services provided by the city has made it easier to start a new business	57.1
The current internet speed and reliability meet connectivity needs	72.5

Governance

Online public access to city finances has reduced corruption	44.7
Online voting has increased participation	48.8
An online platform where residents can propose ideas has improved city life	51.7
Processing Identification Documents online has reduced waiting times	58.4

Ankara

SMART CITY RANKING

109

out of 148

98 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

5,804,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.871*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

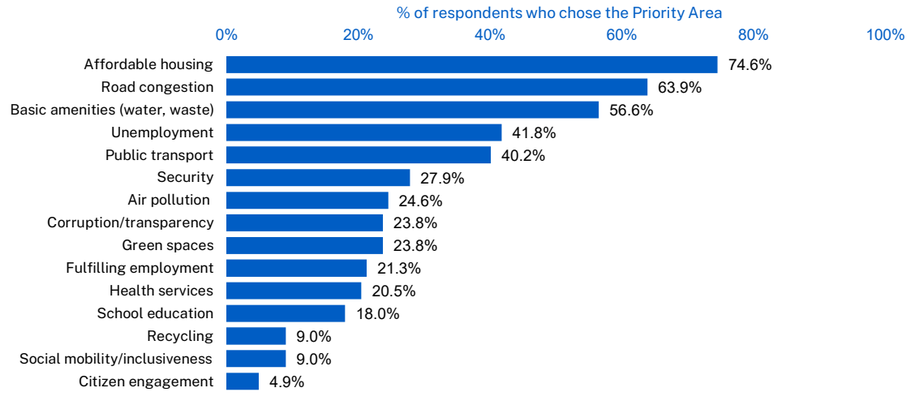
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Türkiye	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.841	0.838	0.841	0.853	0.853	+0.000
Life expectancy at birth	77.7	76.5	75.7	77.6	77.2	-0.43
Expected years of schooling	19.2	19.3	19.7	19.8	19.8	+0.00
Mean years of schooling	8.6	8.8	9.0	9.0	9.0	+0.00
GNI per capita (PPP $)	27,865	28,245	31,225	32,924	34,507	+1,583

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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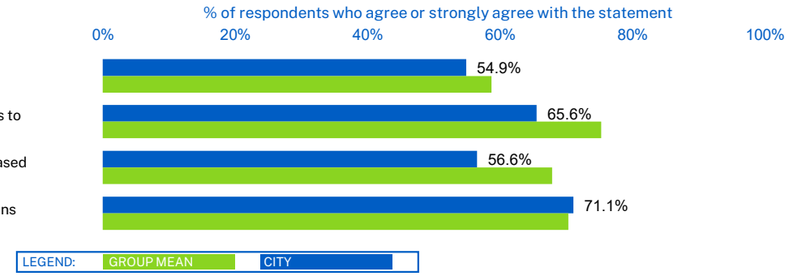


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 50.4

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.5
Recycling services are satisfactory	53.7
Public safety is not a problem	56.4
Air pollution is not a problem	40.7
Medical services provision is satisfactory	58.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.5

Mobility

Traffic congestion is not a problem	22.2
Public transport is satisfactory	43.2

Activities

Green spaces are satisfactory	51.5
Cultural activities (shows, bars, and museums) are satisfactory	66.9

Opportunities (Work & School)

Employment finding services are readily available	58.6
Most children have access to a good school	46.4
Lifelong learning opportunities are provided by local institutions	56.9
Businesses are creating new jobs	49.9
Minorities feel welcome	52.0

Governance

Information on local government decisions are easily accessible	67.1
Corruption of city officials is not an issue of concern	35.8
Residents contribute to decision making of local government	50.0
Residents provide feedback on local government projects	56.2

TECHNOLOGIES

Factor average: 57.1

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	56.1
A website or App allows residents to easily give away unwanted items	59.6
Free public wifi has improved access to city services	63.7
CCTV cameras has made residents feel safer	66.0
A website or App allows residents to effectively monitor air pollution	51.8
Arranging medical appointments online has improved access	69.5

Mobility

Car-sharing Apps have reduced congestion	38.1
Apps that direct you to an available parking space have reduced journey time	43.7
Bicycle hiring has reduced congestion	37.1
Online scheduling and ticket sales has made public transport easier to use	59.2
The city provides information on traffic congestion through mobile phones	72.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.7
IT skills are taught well in schools	52.3
Online services provided by the city has made it easier to start a new business	52.1
The current internet speed and reliability meet connectivity needs	61.8

Governance

Online public access to city finances has reduced corruption	52.9
Online voting has increased participation	42.5
An online platform where residents can propose ideas has improved city life	54.6
Processing Identification Documents online has reduced waiting times	66.9

Astana

SMART CITY RANKING

104

out of 148

102 in 2025
out of 146

SMART CITY RATING

CCC

CC in 2025

FACTOR RATINGS

B

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,199,000 – 1,350,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.816*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

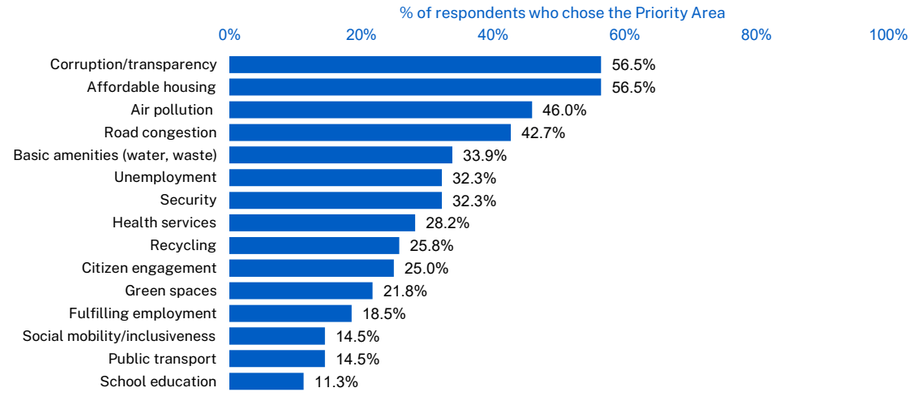
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Kazakhstan	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.834	0.826	0.816	0.831	0.837	+0.006
Life expectancy at birth	73.7	71.2	70.1	73.5	74.4	+0.90
Expected years of schooling	14.6	14.8	14.4	14.0	14.0	-0.01
Mean years of schooling	12.3	12.4	12.5	12.5	12.5	+0.00
GNI per capita (PPP $)	30,235	30,921	29,735	30,149	30,989	+839

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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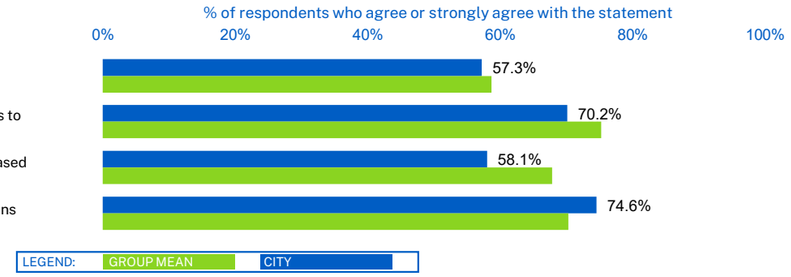


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 59.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	69.1
Recycling services are satisfactory	59.4
Public safety is not a problem	63.0
Air pollution is not a problem	39.2
Medical services provision is satisfactory	65.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	40.7

Mobility

Traffic congestion is not a problem	43.6
Public transport is satisfactory	70.9

Activities

Green spaces are satisfactory	68.1
Cultural activities (shows, bars, and museums) are satisfactory	77.6

Opportunities (Work & School)

Employment finding services are readily available	68.4
Most children have access to a good school	68.8
Lifelong learning opportunities are provided by local institutions	70.3
Businesses are creating new jobs	66.7
Minorities feel welcome	60.0

Governance

Information on local government decisions are easily accessible	62.5
Corruption of city officials is not an issue of concern	35.7
Residents contribute to decision making of local government	45.0
Residents provide feedback on local government projects	57.5

TECHNOLOGIES

Factor average: 64.1

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	63.0
A website or App allows residents to easily give away unwanted items	58.8
Free public wifi has improved access to city services	55.4
CCTV cameras has made residents feel safer	66.9
A website or App allows residents to effectively monitor air pollution	47.3
Arranging medical appointments online has improved access	72.2

Mobility

Car-sharing Apps have reduced congestion	51.7
Apps that direct you to an available parking space have reduced journey time	66.0
Bicycle hiring has reduced congestion	60.9
Online scheduling and ticket sales has made public transport easier to use	79.0
The city provides information on traffic congestion through mobile phones	60.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	75.7
IT skills are taught well in schools	67.9
Online services provided by the city has made it easier to start a new business	70.9
The current internet speed and reliability meet connectivity needs	62.6

Governance

Online public access to city finances has reduced corruption	48.4
Online voting has increased participation	56.7
An online platform where residents can propose ideas has improved city life	57.5
Processing Identification Documents online has reduced waiting times	77.5

Athens

SMART CITY RANKING

139

out of 148

129 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

656,000 – 3,150,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.918*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

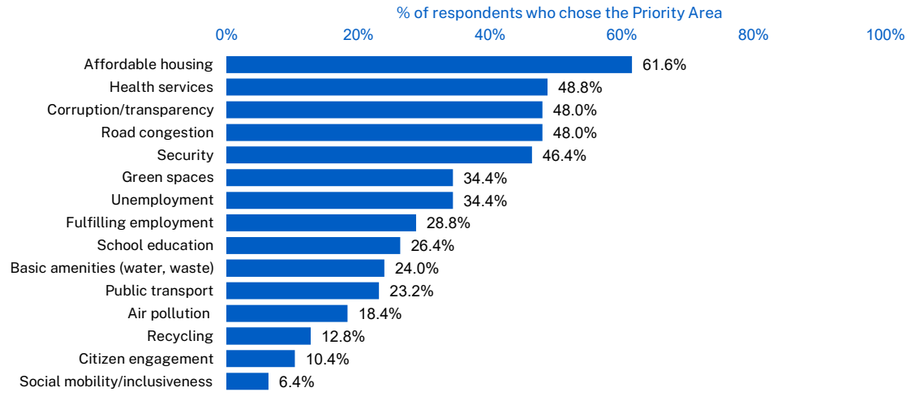
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Greece	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.896	0.896	0.897	0.897	0.908	+0.011
Life expectancy at birth	81.3	81.5	80.5	79.9	81.9	+1.91
Expected years of schooling	19.6	19.5	19.8	20.8	20.8	+0.00
Mean years of schooling	11.1	11.4	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	33,130	30,333	32,764	34,502	35,761	+1,258

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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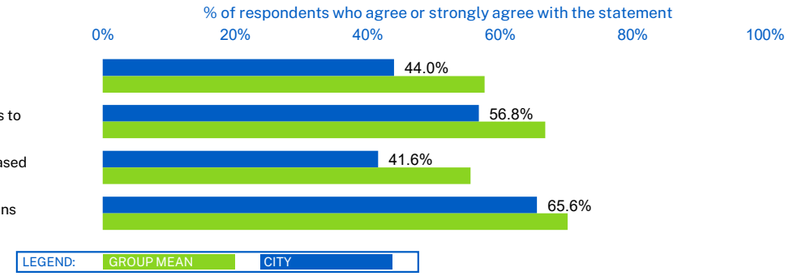


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 35.8

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	52.1
Recycling services are satisfactory	42.4
Public safety is not a problem	29.5
Air pollution is not a problem	22.2
Medical services provision is satisfactory	34.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	16.6

Mobility

Traffic congestion is not a problem	13.1
Public transport is satisfactory	30.4

Activities

Green spaces are satisfactory	31.5
Cultural activities (shows, bars, and museums) are satisfactory	72.5

Opportunities (Work & School)

Employment finding services are readily available	43.8
Most children have access to a good school	42.4
Lifelong learning opportunities are provided by local institutions	45.3
Businesses are creating new jobs	42.2
Minorities feel welcome	36.2

Governance

Information on local government decisions are easily accessible	40.8
Corruption of city officials is not an issue of concern	19.7
Residents contribute to decision making of local government	25.8
Residents provide feedback on local government projects	39.3

TECHNOLOGIES

Factor average: 48.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	46.3
A website or App allows residents to easily give away unwanted items	61.0
Free public wifi has improved access to city services	41.6
CCTV cameras has made residents feel safer	39.6
A website or App allows residents to effectively monitor air pollution	35.4
Arranging medical appointments online has improved access	62.7

Mobility

Car-sharing Apps have reduced congestion	33.5
Apps that direct you to an available parking space have reduced journey time	37.6
Bicycle hiring has reduced congestion	34.5
Online scheduling and ticket sales has made public transport easier to use	61.1
The city provides information on traffic congestion through mobile phones	54.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.2
IT skills are taught well in schools	41.5
Online services provided by the city has made it easier to start a new business	47.7
The current internet speed and reliability meet connectivity needs	56.1

Governance

Online public access to city finances has reduced corruption	27.4
Online voting has increased participation	39.4
An online platform where residents can propose ideas has improved city life	31.1
Processing Identification Documents online has reduced waiting times	72.4

Auckland

SMART CITY RANKING

23

out of 148

▲

25 in 2025
out of 146

SMART CITY RATING

BBB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,470,000 – 1,720,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.968*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

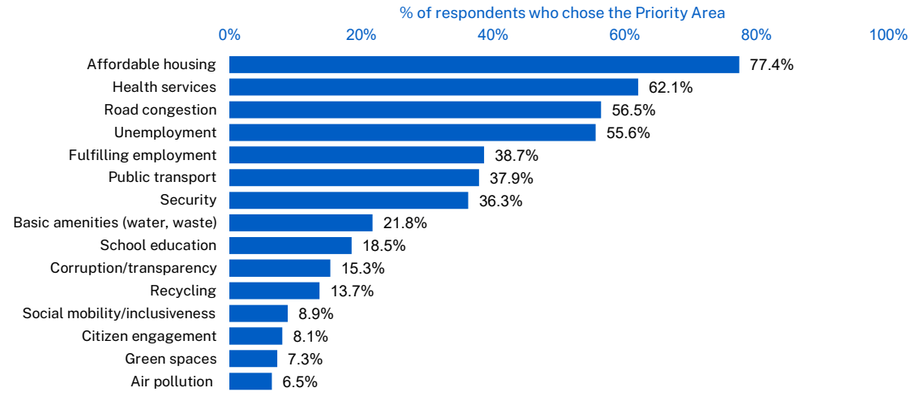
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

New Zealand	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.938	0.940	0.939	0.933	0.938	+0.005
Life expectancy at birth	81.8	82.7	82.3	81.0	82.1	+1.08
Expected years of schooling	19.5	19.2	19.7	19.3	19.3	+0.00
Mean years of schooling	13.0	12.9	12.9	12.9	12.9	+0.00
GNI per capita (PPP $)	46,255	45,568	46,919	47,291	47,260	-32

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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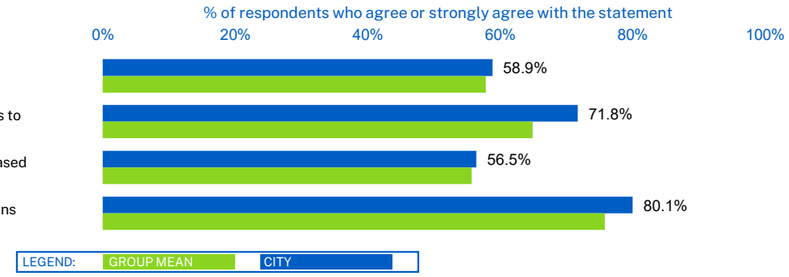


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	65.2
Recycling services are satisfactory	74.3
Public safety is not a problem	43.4
Air pollution is not a problem	54.9
Medical services provision is satisfactory	51.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.9

Mobility

Traffic congestion is not a problem	15.6
Public transport is satisfactory	42.0

Activities

Green spaces are satisfactory	72.3
Cultural activities (shows, bars, and museums) are satisfactory	76.1

Opportunities (Work & School)

Employment finding services are readily available	61.5
Most children have access to a good school	66.4
Lifelong learning opportunities are provided by local institutions	63.5
Businesses are creating new jobs	46.9
Minorities feel welcome	57.3

Governance

Information on local government decisions are easily accessible	57.7
Corruption of city officials is not an issue of concern	50.6
Residents contribute to decision making of local government	52.2
Residents provide feedback on local government projects	63.6

TECHNOLOGIES

Factor average: 54.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.5
A website or App allows residents to easily give away unwanted items	62.9
Free public wifi has improved access to city services	59.5
CCTV cameras has made residents feel safer	58.7
A website or App allows residents to effectively monitor air pollution	34.0
Arranging medical appointments online has improved access	66.5

Mobility

Car-sharing Apps have reduced congestion	39.8
Apps that direct you to an available parking space have reduced journey time	44.0
Bicycle hiring has reduced congestion	39.0
Online scheduling and ticket sales has made public transport easier to use	55.3
The city provides information on traffic congestion through mobile phones	56.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.6
IT skills are taught well in schools	52.3
Online services provided by the city has made it easier to start a new business	48.4
The current internet speed and reliability meet connectivity needs	71.0

Governance

Online public access to city finances has reduced corruption	41.9
Online voting has increased participation	52.0
An online platform where residents can propose ideas has improved city life	48.2
Processing Identification Documents online has reduced waiting times	61.9

Bangkok

SMART CITY RANKING

90

out of 148

86 in 2025
out of 146

SMART CITY RATING

B

CC in 2025

FACTOR RATINGS

CCC

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

5,632,000 – 18,007,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.836*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

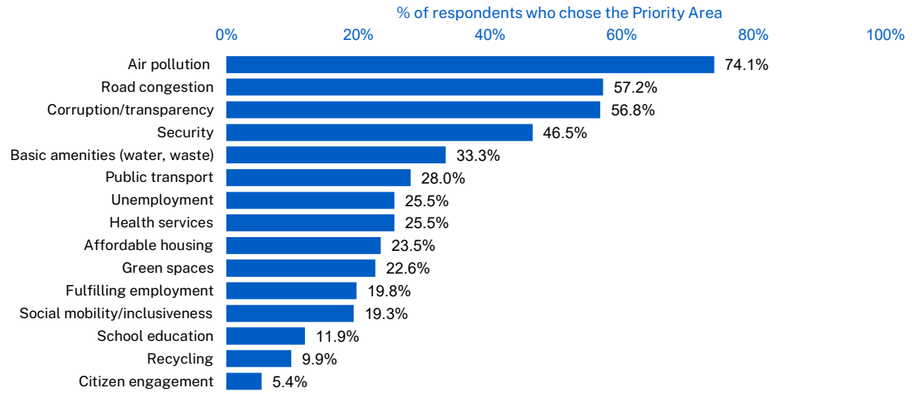
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Thailand	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.800	0.798	0.800	0.792	0.798	+0.006
Life expectancy at birth	77.2	77.3	77.6	75.3	76.4	+1.12
Expected years of schooling	15.6	15.5	15.4	15.4	15.4	+0.00
Mean years of schooling	8.7	8.8	8.9	9.0	9.0	+0.00
GNI per capita (PPP $)	20,531	19,549	19,576	20,181	20,570	+389

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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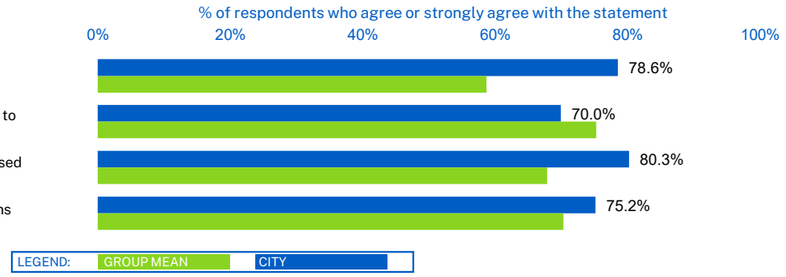


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.0
Recycling services are satisfactory	65.9
Public safety is not a problem	51.6
Air pollution is not a problem	25.9
Medical services provision is satisfactory	73.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	48.6

Mobility

Traffic congestion is not a problem	24.6
Public transport is satisfactory	50.8

Activities

Green spaces are satisfactory	61.9
Cultural activities (shows, bars, and museums) are satisfactory	71.2

Opportunities (Work & School)

Employment finding services are readily available	64.6
Most children have access to a good school	59.8
Lifelong learning opportunities are provided by local institutions	61.3
Businesses are creating new jobs	66.0
Minorities feel welcome	62.0

Governance

Information on local government decisions are easily accessible	60.0
Corruption of city officials is not an issue of concern	30.2
Residents contribute to decision making of local government	56.4
Residents provide feedback on local government projects	62.4

TECHNOLOGIES

Factor average: 73.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	66.3
A website or App allows residents to easily give away unwanted items	67.5
Free public wifi has improved access to city services	65.4
CCTV cameras has made residents feel safer	80.6
A website or App allows residents to effectively monitor air pollution	74.5
Arranging medical appointments online has improved access	79.0

Mobility

Car-sharing Apps have reduced congestion	63.5
Apps that direct you to an available parking space have reduced journey time	65.5
Bicycle hiring has reduced congestion	60.5
Online scheduling and ticket sales has made public transport easier to use	76.1
The city provides information on traffic congestion through mobile phones	74.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	83.7
IT skills are taught well in schools	73.7
Online services provided by the city has made it easier to start a new business	74.5
The current internet speed and reliability meet connectivity needs	81.7

Governance

Online public access to city finances has reduced corruption	65.3
Online voting has increased participation	73.6
An online platform where residents can propose ideas has improved city life	75.3
Processing Identification Documents online has reduced waiting times	82.2

Barcelona

SMART CITY RANKING

94

out of 148

92 in 2025
out of 146

SMART CITY RATING

B

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,660,000 – 5,710,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.922*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

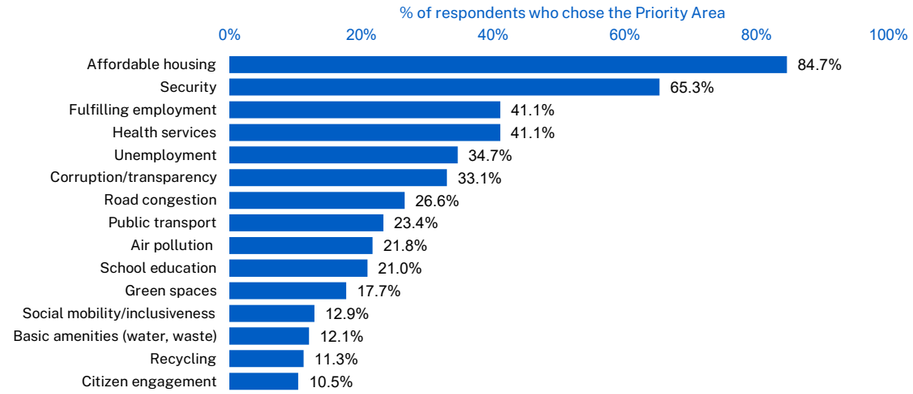
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Spain	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.910	0.901	0.912	0.911	0.918	+0.007
Life expectancy at birth	83.5	82.2	83.0	82.4	83.7	+1.30
Expected years of schooling	17.5	17.5	17.8	17.8	17.8	+0.00
Mean years of schooling	10.4	10.6	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	46,306	41,220	43,960	44,887	46,008	+1,121

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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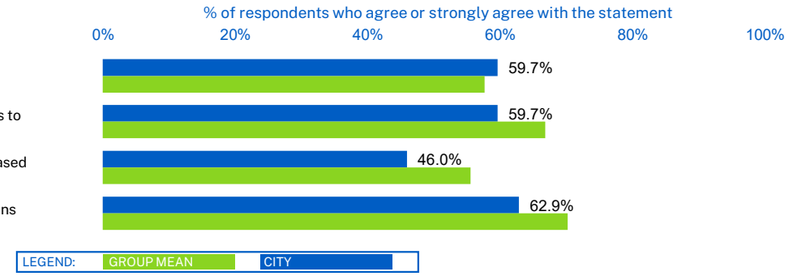


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 49.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	64.3
Recycling services are satisfactory	61.8
Public safety is not a problem	42.6
Air pollution is not a problem	30.9
Medical services provision is satisfactory	53.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	16.9

Mobility

Traffic congestion is not a problem	23.3
Public transport is satisfactory	55.3

Activities

Green spaces are satisfactory	60.7
Cultural activities (shows, bars, and museums) are satisfactory	75.5

Opportunities (Work & School)

Employment finding services are readily available	70.3
Most children have access to a good school	58.2
Lifelong learning opportunities are provided by local institutions	60.5
Businesses are creating new jobs	52.8
Minorities feel welcome	54.8

Governance

Information on local government decisions are easily accessible	47.6
Corruption of city officials is not an issue of concern	34.8
Residents contribute to decision making of local government	37.5
Residents provide feedback on local government projects	41.0

TECHNOLOGIES

Factor average: 54.9

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.3
A website or App allows residents to easily give away unwanted items	61.7
Free public wifi has improved access to city services	52.4
CCTV cameras has made residents feel safer	43.9
A website or App allows residents to effectively monitor air pollution	46.3
Arranging medical appointments online has improved access	63.7

Mobility

Car-sharing Apps have reduced congestion	45.6
Apps that direct you to an available parking space have reduced journey time	48.1
Bicycle hiring has reduced congestion	53.8
Online scheduling and ticket sales has made public transport easier to use	67.6
The city provides information on traffic congestion through mobile phones	60.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.0
IT skills are taught well in schools	51.8
Online services provided by the city has made it easier to start a new business	48.4
The current internet speed and reliability meet connectivity needs	72.8

Governance

Online public access to city finances has reduced corruption	38.1
Online voting has increased participation	48.5
An online platform where residents can propose ideas has improved city life	48.2
Processing Identification Documents online has reduced waiting times	58.8

Beijing

SMART CITY RANKING

16

out of 148

14 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

20,769,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.905*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

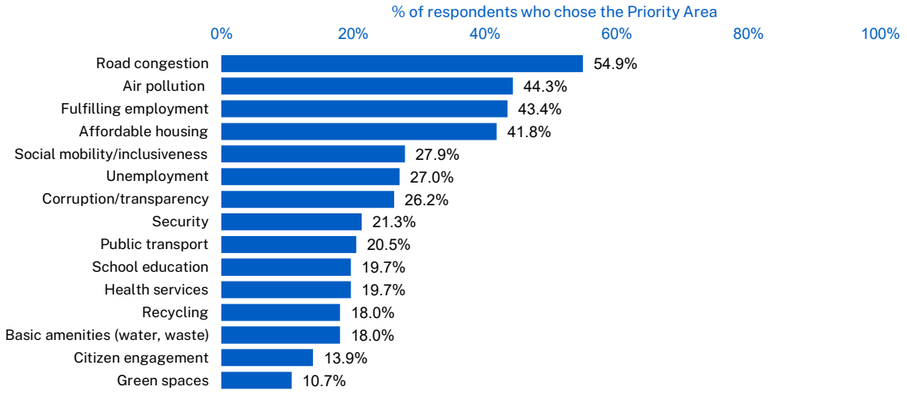
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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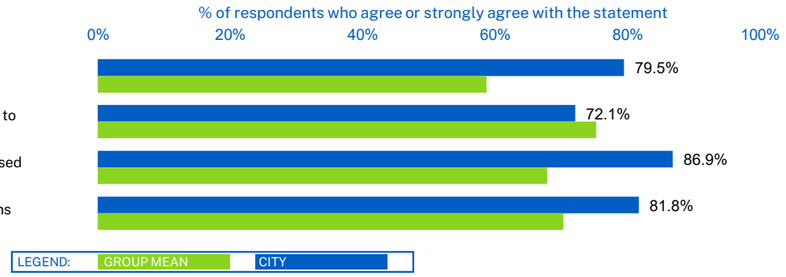


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.4

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	84.3
Recycling services are satisfactory	80.4
Public safety is not a problem	77.3
Air pollution is not a problem	58.2
Medical services provision is satisfactory	78.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	59.5

Mobility

Traffic congestion is not a problem	45.7
Public transport is satisfactory	68.7

Activities

Green spaces are satisfactory	80.7
Cultural activities (shows, bars, and museums) are satisfactory	81.5

Opportunities (Work & School)

Employment finding services are readily available	75.1
Most children have access to a good school	78.8
Lifelong learning opportunities are provided by local institutions	69.2
Businesses are creating new jobs	74.3
Minorities feel welcome	82.4

Governance

Information on local government decisions are easily accessible	79.5
Corruption of city officials is not an issue of concern	61.1
Residents contribute to decision making of local government	68.4
Residents provide feedback on local government projects	72.3

TECHNOLOGIES

Factor average: 79.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	81.3
A website or App allows residents to easily give away unwanted items	77.6
Free public wifi has improved access to city services	78.2
CCTV cameras has made residents feel safer	77.0
A website or App allows residents to effectively monitor air pollution	77.8
Arranging medical appointments online has improved access	85.5

Mobility

Car-sharing Apps have reduced congestion	67.2
Apps that direct you to an available parking space have reduced journey time	78.5
Bicycle hiring has reduced congestion	78.4
Online scheduling and ticket sales has made public transport easier to use	84.0
The city provides information on traffic congestion through mobile phones	84.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	87.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	79.6
IT skills are taught well in schools	78.8
Online services provided by the city has made it easier to start a new business	74.7
The current internet speed and reliability meet connectivity needs	86.8

Governance

Online public access to city finances has reduced corruption	74.2
Online voting has increased participation	76.9
An online platform where residents can propose ideas has improved city life	78.1
Processing Identification Documents online has reduced waiting times	83.2

Beirut

SMART CITY RANKING

145

out of 148

143 in 2025
out of 146

SMART CITY RATING

D

D in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,908,000 – 2,421,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.693*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

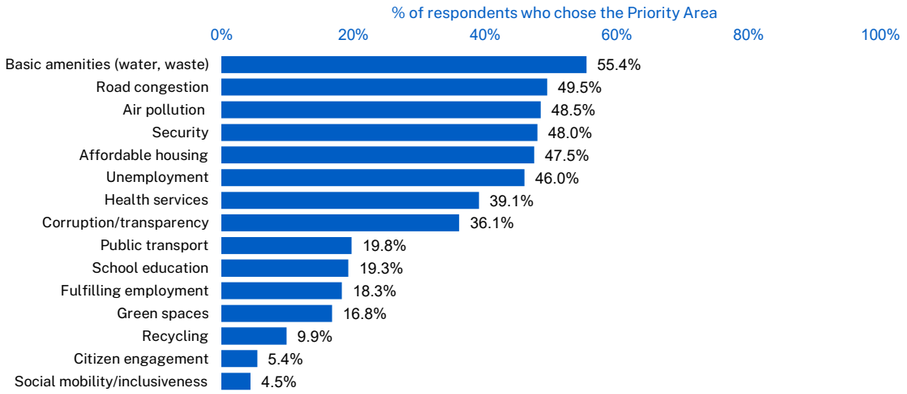
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Lebanon	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.771	0.750	0.733	0.755	0.752	-0.003
Life expectancy at birth	78.2	76.3	73.7	78.0	77.8	-0.19
Expected years of schooling	11.8	11.8	11.7	11.7	11.7	-0.03
Mean years of schooling	10.4	10.4	10.4	10.4	10.4	+0.00
GNI per capita (PPP $)	15,272	12,158	11,088	11,719	11,299	-420

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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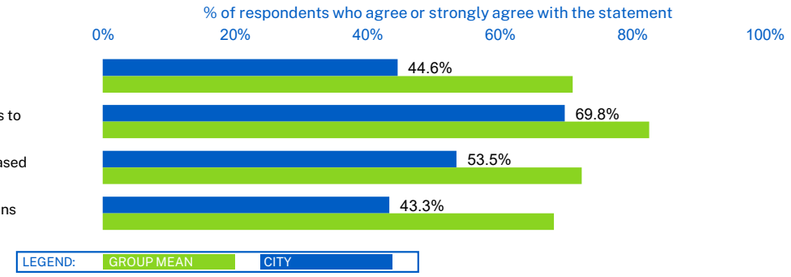
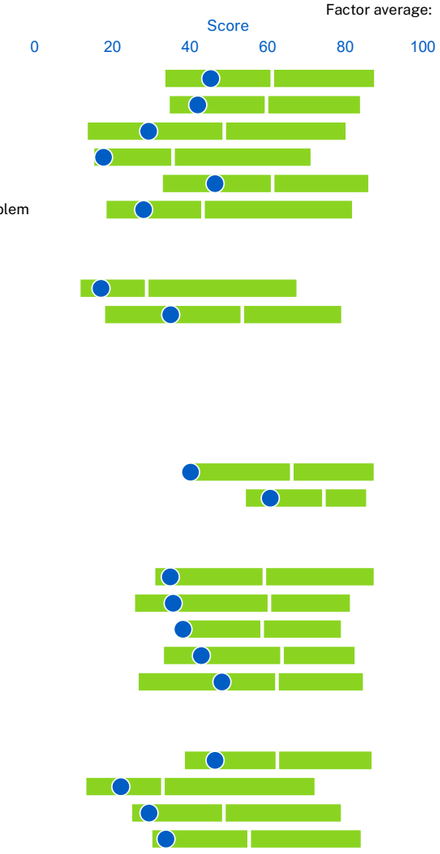


LEGEND: MIN CITY MEAN GROUP MAX

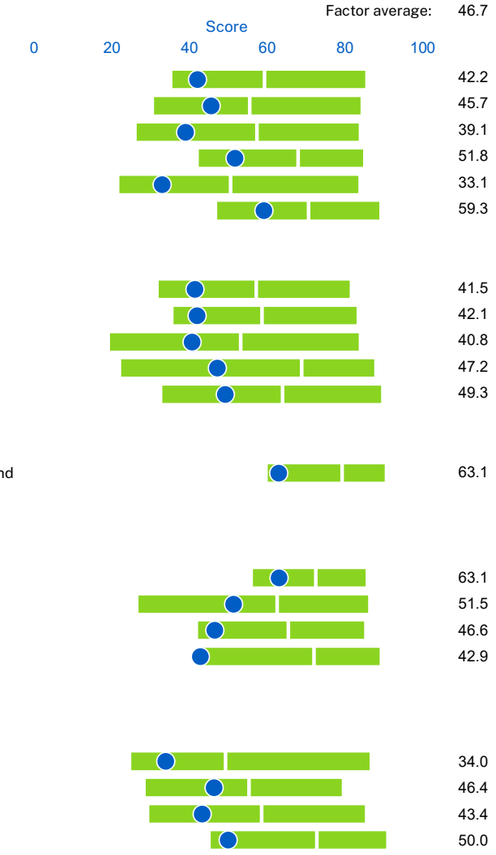
STRUCTURES

Factor average: 36.5



TECHNOLOGIES

Factor average: 46.7



Belfast

SMART CITY RANKING

93

out of 148

94 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

794,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.907*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

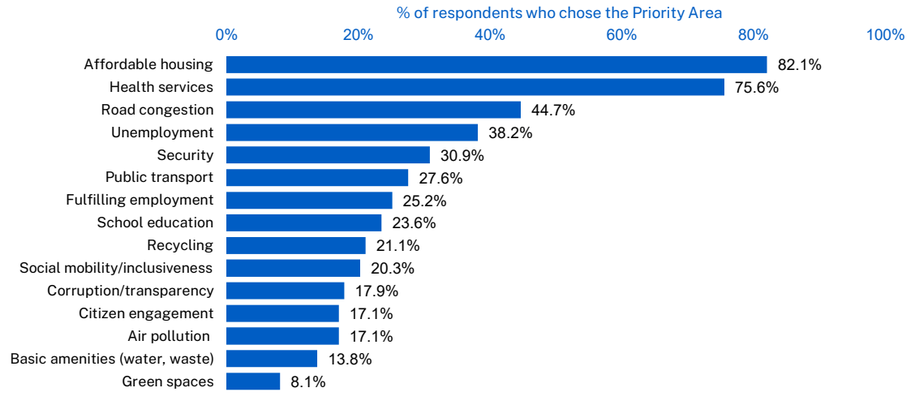
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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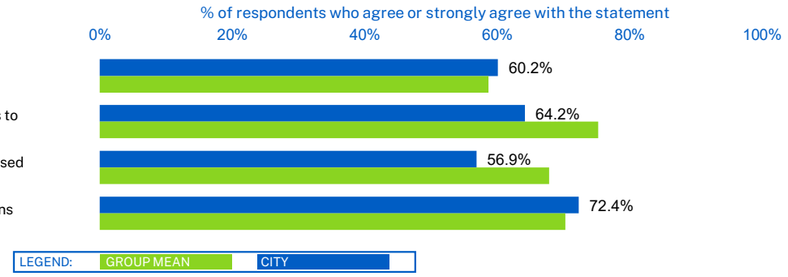


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.6

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	66.7
Recycling services are satisfactory	70.6
Public safety is not a problem	49.1
Air pollution is not a problem	50.1
Medical services provision is satisfactory	43.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.3

Mobility

	Score
Traffic congestion is not a problem	27.5
Public transport is satisfactory	57.0

Activities

	Score
Green spaces are satisfactory	70.7
Cultural activities (shows, bars, and museums) are satisfactory	78.4

Opportunities (Work & School)

	Score
Employment finding services are readily available	67.1
Most children have access to a good school	73.7
Lifelong learning opportunities are provided by local institutions	68.0
Businesses are creating new jobs	62.0
Minorities feel welcome	52.1

Governance

	Score
Information on local government decisions are easily accessible	54.9
Corruption of city officials is not an issue of concern	42.6
Residents contribute to decision making of local government	40.3
Residents provide feedback on local government projects	51.6

TECHNOLOGIES

Factor average: 53.0

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	41.7
A website or App allows residents to easily give away unwanted items	66.1
Free public wifi has improved access to city services	58.9
CCTV cameras has made residents feel safer	58.2
A website or App allows residents to effectively monitor air pollution	33.1
Arranging medical appointments online has improved access	45.5

Mobility

	Score
Car-sharing Apps have reduced congestion	36.6
Apps that direct you to an available parking space have reduced journey time	38.0
Bicycle hiring has reduced congestion	43.4
Online scheduling and ticket sales has made public transport easier to use	64.3
The city provides information on traffic congestion through mobile phones	48.3

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	77.1

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	73.5
IT skills are taught well in schools	70.3
Online services provided by the city has made it easier to start a new business	54.9
The current internet speed and reliability meet connectivity needs	72.6

Governance

	Score
Online public access to city finances has reduced corruption	38.8
Online voting has increased participation	44.9
An online platform where residents can propose ideas has improved city life	38.9
Processing Identification Documents online has reduced waiting times	56.1

Bengaluru

SMART CITY RANKING

115

out of 148

110 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

11,355,000 – 15,386,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.673*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

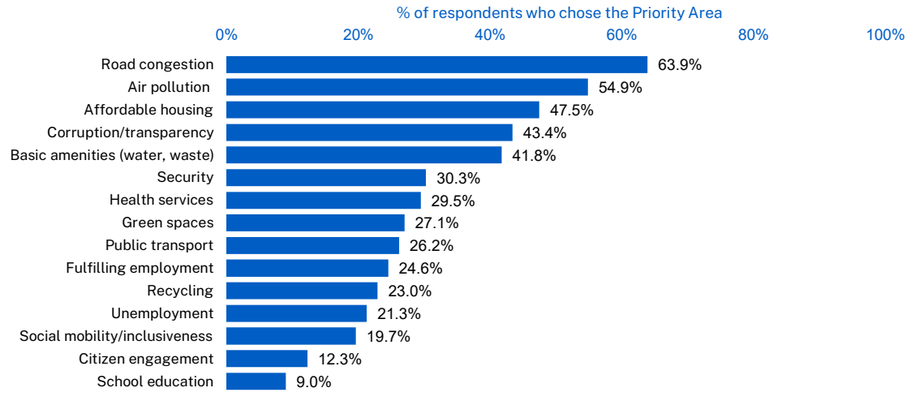
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

India	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.651	0.652	0.647	0.676	0.685	+0.009
Life expectancy at birth	70.7	70.2	67.3	71.7	72.0	+0.31
Expected years of schooling	11.8	12.1	12.4	13.0	13.0	-0.00
Mean years of schooling	6.3	6.5	6.5	6.6	6.9	+0.31
GNI per capita (PPP $)	7,895	7,332	7,993	8,476	9,047	+571

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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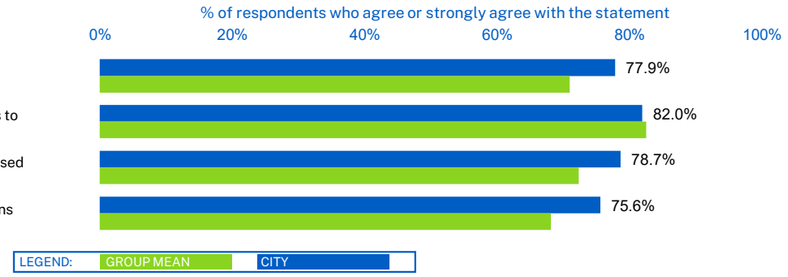


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 62.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.1
Recycling services are satisfactory	69.0
Public safety is not a problem	49.7
Air pollution is not a problem	36.4
Medical services provision is satisfactory	75.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	46.4

Mobility

Traffic congestion is not a problem	21.5
Public transport is satisfactory	65.2

Activities

Green spaces are satisfactory	72.1
Cultural activities (shows, bars, and museums) are satisfactory	78.8

Opportunities (Work & School)

Employment finding services are readily available	74.5
Most children have access to a good school	78.6
Lifelong learning opportunities are provided by local institutions	68.4
Businesses are creating new jobs	80.5
Minorities feel welcome	72.3

Governance

Information on local government decisions are easily accessible	70.3
Corruption of city officials is not an issue of concern	40.5
Residents contribute to decision making of local government	62.2
Residents provide feedback on local government projects	64.5

TECHNOLOGIES

Factor average: 71.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	65.6
A website or App allows residents to easily give away unwanted items	62.8
Free public wifi has improved access to city services	62.4
CCTV cameras has made residents feel safer	78.8
A website or App allows residents to effectively monitor air pollution	65.6
Arranging medical appointments online has improved access	82.4

Mobility

Car-sharing Apps have reduced congestion	67.2
Apps that direct you to an available parking space have reduced journey time	62.8
Bicycle hiring has reduced congestion	61.7
Online scheduling and ticket sales has made public transport easier to use	77.9
The city provides information on traffic congestion through mobile phones	72.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	87.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	82.2
IT skills are taught well in schools	71.3
Online services provided by the city has made it easier to start a new business	78.9
The current internet speed and reliability meet connectivity needs	83.9

Governance

Online public access to city finances has reduced corruption	59.7
Online voting has increased participation	62.0
An online platform where residents can propose ideas has improved city life	67.6
Processing Identification Documents online has reduced waiting times	80.4

Berlin

SMART CITY RANKING

29

out of 148

37 in 2025
out of 146

SMART CITY RATING

BBB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

3,711,000 – 4,680,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.967*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

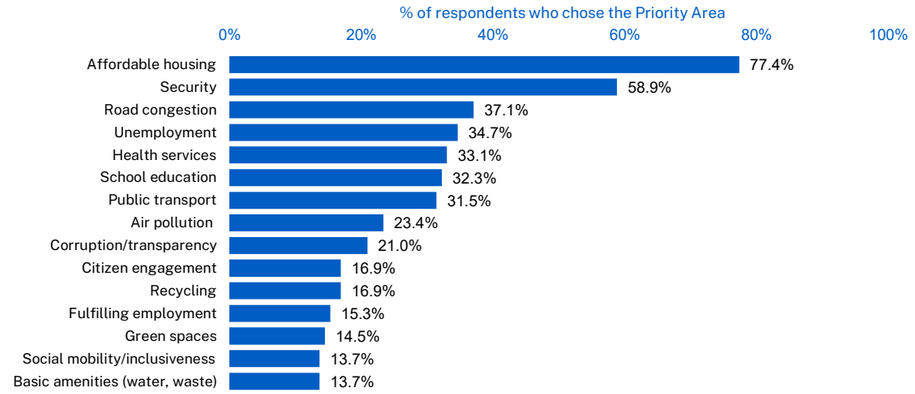
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Germany	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.957	0.955	0.958	0.955	0.959	+0.004
Life expectancy at birth	81.2	81.0	81.1	80.6	81.4	+0.80
Expected years of schooling	17.2	17.2	17.3	17.3	17.3	+0.00
Mean years of schooling	14.2	14.3	14.3	14.3	14.3	+0.00
GNI per capita (PPP $)	65,153	62,478	64,326	63,619	64,053	+435

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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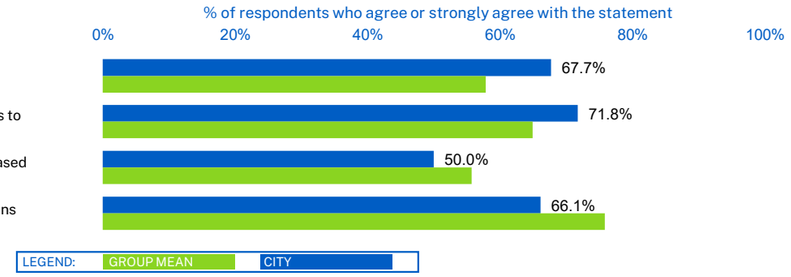


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.2
Recycling services are satisfactory	67.9
Public safety is not a problem	38.1
Air pollution is not a problem	41.3
Medical services provision is satisfactory	61.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.6

Mobility

Traffic congestion is not a problem	38.3
Public transport is satisfactory	57.5

Activities

Green spaces are satisfactory	64.5
Cultural activities (shows, bars, and museums) are satisfactory	78.2

Opportunities (Work & School)

Employment finding services are readily available	64.9
Most children have access to a good school	54.5
Lifelong learning opportunities are provided by local institutions	60.8
Businesses are creating new jobs	55.8
Minorities feel welcome	57.9

Governance

Information on local government decisions are easily accessible	52.4
Corruption of city officials is not an issue of concern	50.3
Residents contribute to decision making of local government	49.6
Residents provide feedback on local government projects	55.5

TECHNOLOGIES

Factor average: 53.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.7
A website or App allows residents to easily give away unwanted items	62.5
Free public wifi has improved access to city services	55.7
CCTV cameras has made residents feel safer	47.8
A website or App allows residents to effectively monitor air pollution	46.1
Arranging medical appointments online has improved access	57.2

Mobility

Car-sharing Apps have reduced congestion	44.2
Apps that direct you to an available parking space have reduced journey time	43.4
Bicycle hiring has reduced congestion	44.8
Online scheduling and ticket sales has made public transport easier to use	65.1
The city provides information on traffic congestion through mobile phones	56.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	70.2
IT skills are taught well in schools	47.4
Online services provided by the city has made it easier to start a new business	46.0
The current internet speed and reliability meet connectivity needs	65.6

Governance

Online public access to city finances has reduced corruption	40.8
Online voting has increased participation	50.2
An online platform where residents can propose ideas has improved city life	47.7
Processing Identification Documents online has reduced waiting times	53.4

Bilbao

SMART CITY RANKING

30

out of 148

29 in 2025
out of 146

SMART CITY RATING

BB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

346,000 – 775,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.939*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

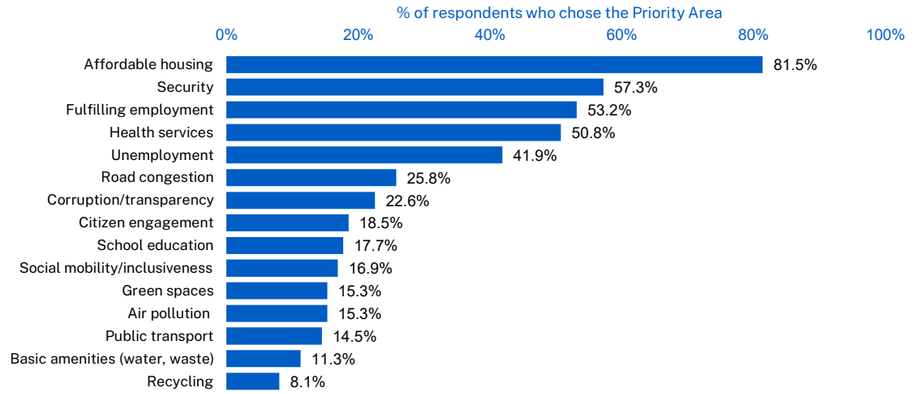
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Spain	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.910	0.901	0.912	0.911	0.918	+0.007
Life expectancy at birth	83.5	82.2	83.0	82.4	83.7	+1.30
Expected years of schooling	17.5	17.5	17.8	17.8	17.8	+0.00
Mean years of schooling	10.4	10.6	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	46,306	41,220	43,960	44,887	46,008	+1,121

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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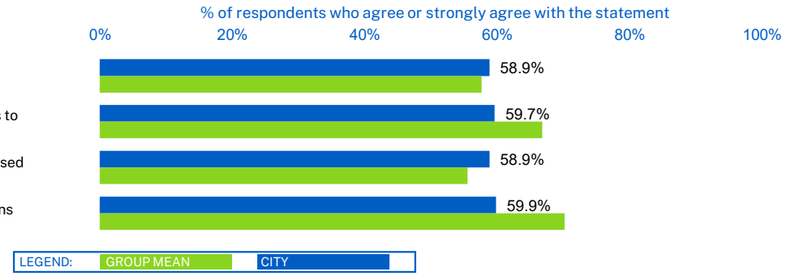

LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 62.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.8
Recycling services are satisfactory	76.9
Public safety is not a problem	55.6
Air pollution is not a problem	48.1
Medical services provision is satisfactory	62.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	20.0

Mobility

Traffic congestion is not a problem	39.5
Public transport is satisfactory	80.9

Activities

Green spaces are satisfactory	77.8
Cultural activities (shows, bars, and museums) are satisfactory	83.3

Opportunities (Work & School)

Employment finding services are readily available	75.6
Most children have access to a good school	76.5
Lifelong learning opportunities are provided by local institutions	78.4
Businesses are creating new jobs	57.0
Minorities feel welcome	63.9

Governance

Information on local government decisions are easily accessible	59.0
Corruption of city officials is not an issue of concern	52.6
Residents contribute to decision making of local government	45.1
Residents provide feedback on local government projects	55.3

TECHNOLOGIES

Factor average: 58.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	55.5
A website or App allows residents to easily give away unwanted items	60.5
Free public wifi has improved access to city services	61.4
CCTV cameras has made residents feel safer	50.8
A website or App allows residents to effectively monitor air pollution	48.2
Arranging medical appointments online has improved access	68.5

Mobility

Car-sharing Apps have reduced congestion	42.8
Apps that direct you to an available parking space have reduced journey time	47.0
Bicycle hiring has reduced congestion	58.5
Online scheduling and ticket sales has made public transport easier to use	71.3
The city provides information on traffic congestion through mobile phones	58.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.3
IT skills are taught well in schools	58.2
Online services provided by the city has made it easier to start a new business	50.8
The current internet speed and reliability meet connectivity needs	78.6

Governance

Online public access to city finances has reduced corruption	43.8
Online voting has increased participation	48.7
An online platform where residents can propose ideas has improved city life	57.8
Processing Identification Documents online has reduced waiting times	64.5

Birmingham

SMART CITY RANKING

89

out of 148

80 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,147,000 – 2,680,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.925*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

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

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

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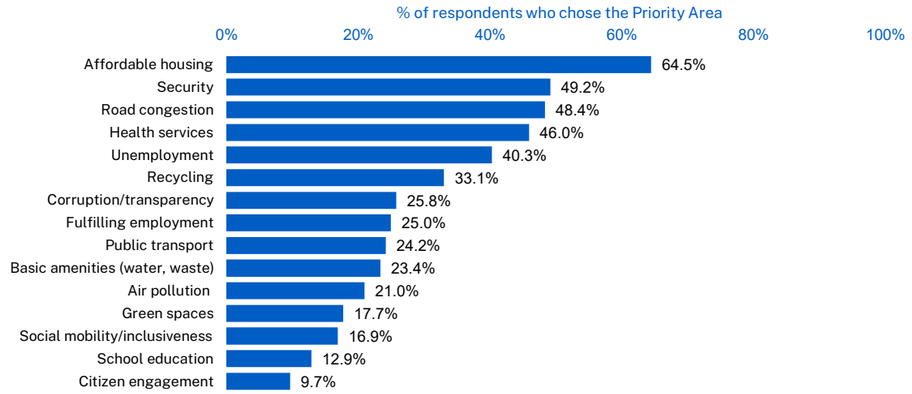

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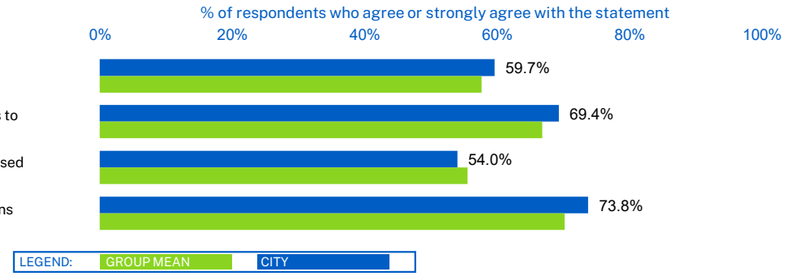


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 51.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	59.3
Recycling services are satisfactory	55.4
Public safety is not a problem	37.5
Air pollution is not a problem	41.2
Medical services provision is satisfactory	54.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	36.0

Mobility

Traffic congestion is not a problem	27.8
Public transport is satisfactory	53.1

Activities

Green spaces are satisfactory	60.1
Cultural activities (shows, bars, and museums) are satisfactory	72.3

Opportunities (Work & School)

Employment finding services are readily available	58.6
Most children have access to a good school	61.1
Lifelong learning opportunities are provided by local institutions	58.9
Businesses are creating new jobs	52.6
Minorities feel welcome	64.2

Governance

Information on local government decisions are easily accessible	54.0
Corruption of city officials is not an issue of concern	39.4
Residents contribute to decision making of local government	40.3
Residents provide feedback on local government projects	53.5

TECHNOLOGIES

Factor average: 54.6

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	44.1
A website or App allows residents to easily give away unwanted items	61.3
Free public wifi has improved access to city services	59.0
CCTV cameras has made residents feel safer	57.8
A website or App allows residents to effectively monitor air pollution	39.5
Arranging medical appointments online has improved access	55.4

Mobility

Car-sharing Apps have reduced congestion	43.4
Apps that direct you to an available parking space have reduced journey time	47.8
Bicycle hiring has reduced congestion	46.6
Online scheduling and ticket sales has made public transport easier to use	64.1
The city provides information on traffic congestion through mobile phones	52.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.1
IT skills are taught well in schools	60.1
Online services provided by the city has made it easier to start a new business	48.8
The current internet speed and reliability meet connectivity needs	69.9

Governance

Online public access to city finances has reduced corruption	42.4
Online voting has increased participation	56.8
An online platform where residents can propose ideas has improved city life	48.2
Processing Identification Documents online has reduced waiting times	57.6

Bogota

SMART CITY RANKING

135

out of 148

134 in 2025
out of 146

SMART CITY RATING

D

C in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

8,008,000 – 11,660,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.804*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

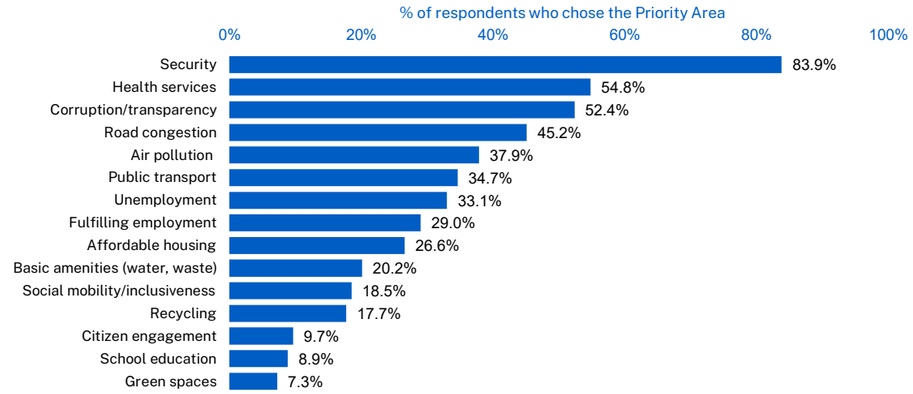
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Colombia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.777	0.764	0.762	0.782	0.788	+0.006
Life expectancy at birth	76.8	74.8	72.7	76.5	77.7	+1.22
Expected years of schooling	14.5	14.3	14.4	14.3	14.3	+0.00
Mean years of schooling	8.6	8.9	9.0	9.0	9.0	+0.00
GNI per capita (PPP $)	17,170	15,911	17,310	18,321	18,666	+344

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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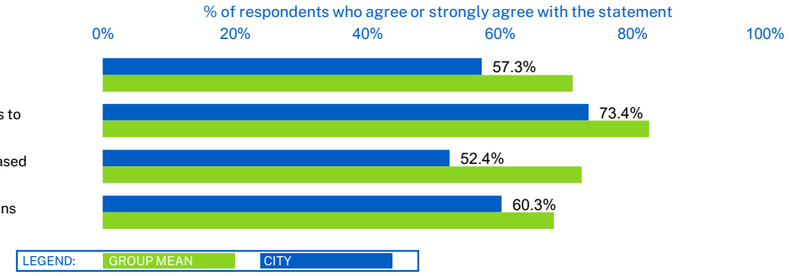


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 42.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	43.2
Recycling services are satisfactory	53.1
Public safety is not a problem	24.5
Air pollution is not a problem	24.7
Medical services provision is satisfactory	39.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	34.5

Mobility

Traffic congestion is not a problem	15.5
Public transport is satisfactory	29.9

Activities

Green spaces are satisfactory	66.7
Cultural activities (shows, bars, and museums) are satisfactory	80.1

Opportunities (Work & School)

Employment finding services are readily available	62.0
Most children have access to a good school	46.3
Lifelong learning opportunities are provided by local institutions	53.7
Businesses are creating new jobs	48.1
Minorities feel welcome	45.5

Governance

Information on local government decisions are easily accessible	49.1
Corruption of city officials is not an issue of concern	21.3
Residents contribute to decision making of local government	30.2
Residents provide feedback on local government projects	41.0

TECHNOLOGIES

Factor average: 50.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	40.0
A website or App allows residents to easily give away unwanted items	47.3
Free public wifi has improved access to city services	52.0
CCTV cameras has made residents feel safer	46.6
A website or App allows residents to effectively monitor air pollution	44.7
Arranging medical appointments online has improved access	56.2

Mobility

Car-sharing Apps have reduced congestion	37.3
Apps that direct you to an available parking space have reduced journey time	46.0
Bicycle hiring has reduced congestion	50.5
Online scheduling and ticket sales has made public transport easier to use	53.9
The city provides information on traffic congestion through mobile phones	62.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.6
IT skills are taught well in schools	52.2
Online services provided by the city has made it easier to start a new business	54.3
The current internet speed and reliability meet connectivity needs	67.7

Governance

Online public access to city finances has reduced corruption	27.8
Online voting has increased participation	36.1
An online platform where residents can propose ideas has improved city life	41.0
Processing Identification Documents online has reduced waiting times	61.7

Bologna

SMART CITY RANKING

82

out of 148

83 in 2025
out of 146

SMART CITY RATING

B

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

388,000 – 820,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.935*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

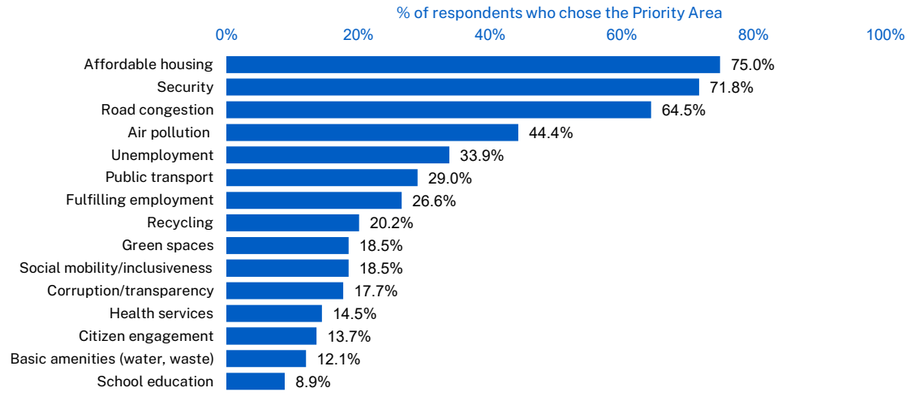
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Italy	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.906	0.899	0.908	0.905	0.915	+0.010
Life expectancy at birth	83.3	82.2	82.9	82.1	83.7	+1.66
Expected years of schooling	16.4	16.5	16.6	16.7	16.7	+0.00
Mean years of schooling	10.7	10.7	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	50,720	47,034	50,539	50,900	52,389	+1,489

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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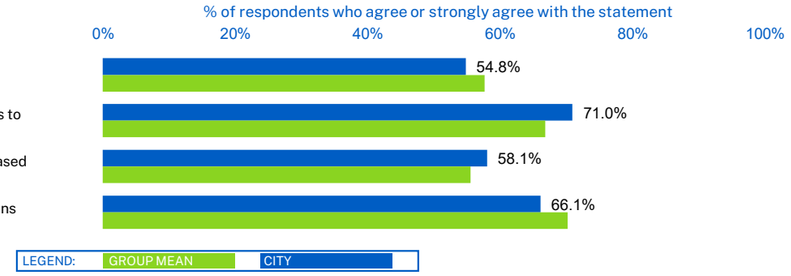


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 52.4

Score (0 20 40 60 80 100)

Health & Safety

- Basic sanitation meets the needs of the poorest areas 65.5
- Recycling services are satisfactory 66.8
- Public safety is not a problem 31.3
- Air pollution is not a problem 27.7
- Medical services provision is satisfactory 63.9
- Finding housing with rent equal to 30% or less of a monthly salary is not a problem 62.1

Mobility

- Traffic congestion is not a problem 20.6
- Public transport is satisfactory 46.9

Activities

- Green spaces are satisfactory 65.7
- Cultural activities (shows, bars, and museums) are satisfactory 79.7

Opportunities (Work & School)

- Employment finding services are readily available 47.3
- Most children have access to a good school 64.8
- Lifelong learning opportunities are provided by local institutions 59.2
- Businesses are creating new jobs 53.0
- Minorities feel welcome 49.2

Governance

- Information on local government decisions are easily accessible 53.1
- Corruption of city officials is not an issue of concern 44.0
- Residents contribute to decision making of local government 42.5
- Residents provide feedback on local government projects 52.3

TECHNOLOGIES

Factor average: 52.6

Score (0 20 40 60 80 100)

Health & Safety

- Online reporting of city maintenance problems provides a speedy solution 52.3
- A website or App allows residents to easily give away unwanted items 55.5
- Free public wifi has improved access to city services 53.5
- CCTV cameras has made residents feel safer 51.9
- A website or App allows residents to effectively monitor air pollution 46.8
- Arranging medical appointments online has improved access 71.0

Mobility

- Car-sharing Apps have reduced congestion 32.9
- Apps that direct you to an available parking space have reduced journey time 40.6
- Bicycle hiring has reduced congestion 46.4
- Online scheduling and ticket sales has made public transport easier to use 67.0
- The city provides information on traffic congestion through mobile phones 47.2

Activities

- Online purchasing of tickets to shows and museums has made it easier to attend 81.3

Opportunities (Work & School)

- Online access to job listings has made it easier to find work 66.5
- IT skills are taught well in schools 48.9
- Online services provided by the city has made it easier to start a new business 47.1
- The current internet speed and reliability meet connectivity needs 55.2

Governance

- Online public access to city finances has reduced corruption 41.0
- Online voting has increased participation 41.4
- An online platform where residents can propose ideas has improved city life 44.6
- Processing Identification Documents online has reduced waiting times 61.0

Bordeaux

SMART CITY RANKING

96

out of 148

▼

77 in 2025
out of 146

SMART CITY RATING

CC

B in 2025

FACTOR RATINGS

CCC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

261,000 – 1,010,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.907*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

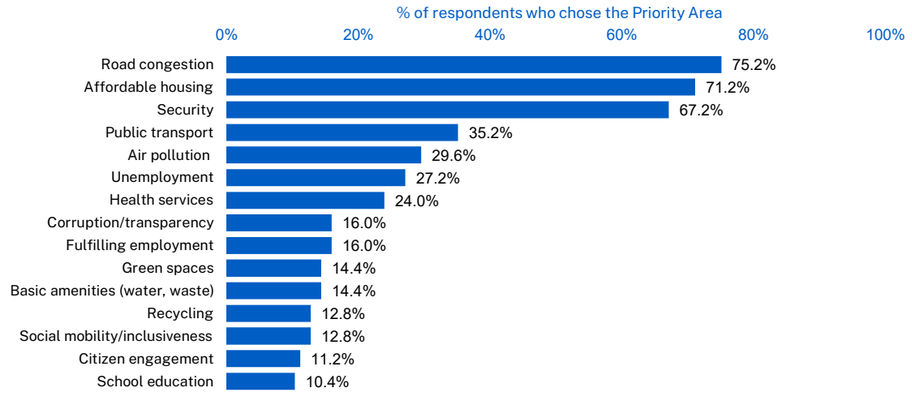
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

France	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.914	0.909	0.915	0.916	0.920	+0.004
Life expectancy at birth	82.7	82.2	82.3	82.5	83.3	+0.85
Expected years of schooling	15.9	16.0	16.0	16.1	16.1	+0.00
Mean years of schooling	11.6	11.7	11.8	11.8	11.8	+0.00
GNI per capita (PPP $)	56,066	51,178	55,020	55,176	55,060	-116

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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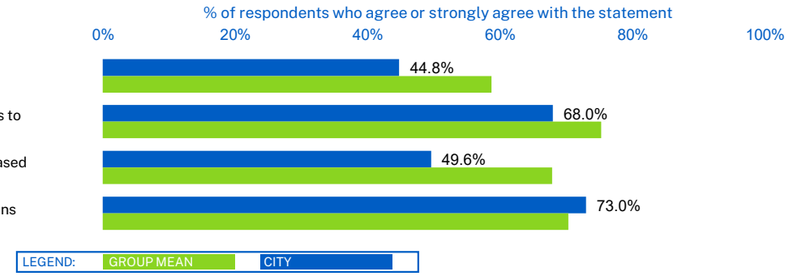


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 53.2

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	60.1
Recycling services are satisfactory	64.5
Public safety is not a problem	39.5
Air pollution is not a problem	36.3
Medical services provision is satisfactory	62.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.7

Mobility

Traffic congestion is not a problem	20.2
Public transport is satisfactory	59.0

Activities

Green spaces are satisfactory	77.6
Cultural activities (shows, bars, and museums) are satisfactory	80.0

Opportunities (Work & School)

Employment finding services are readily available	60.0
Most children have access to a good school	67.2
Lifelong learning opportunities are provided by local institutions	59.4
Businesses are creating new jobs	49.3
Minorities feel welcome	53.1

Governance

Information on local government decisions are easily accessible	54.7
Corruption of city officials is not an issue of concern	51.3
Residents contribute to decision making of local government	42.9
Residents provide feedback on local government projects	49.5

TECHNOLOGIES

Factor average: 54.6

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.5
A website or App allows residents to easily give away unwanted items	57.2
Free public wifi has improved access to city services	54.0
CCTV cameras has made residents feel safer	49.7
A website or App allows residents to effectively monitor air pollution	49.7
Arranging medical appointments online has improved access	70.8

Mobility

Car-sharing Apps have reduced congestion	41.5
Apps that direct you to an available parking space have reduced journey time	43.4
Bicycle hiring has reduced congestion	56.5
Online scheduling and ticket sales has made public transport easier to use	65.2
The city provides information on traffic congestion through mobile phones	53.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	52.3
IT skills are taught well in schools	59.5
Online services provided by the city has made it easier to start a new business	51.0
The current internet speed and reliability meet connectivity needs	71.2

Governance

Online public access to city finances has reduced corruption	40.4
Online voting has increased participation	44.3
An online platform where residents can propose ideas has improved city life	47.2
Processing Identification Documents online has reduced waiting times	61.6

Boston

SMART CITY RANKING

35

out of 148

35 in 2025
out of 146

SMART CITY RATING

BBB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

674,000 – 4,355,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.956*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

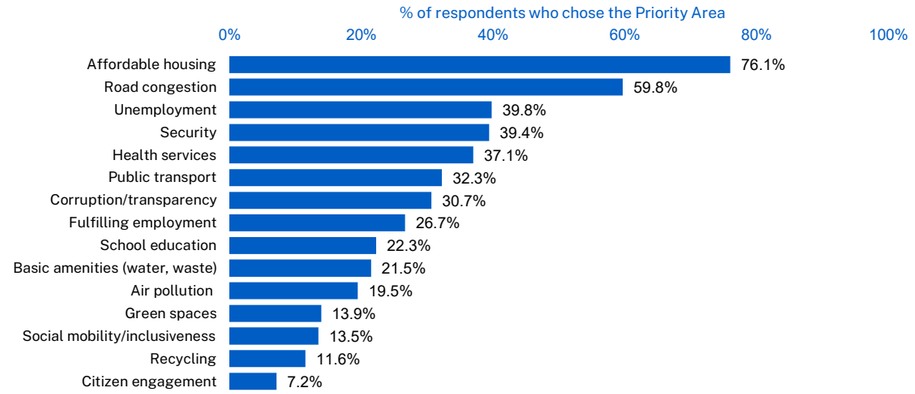
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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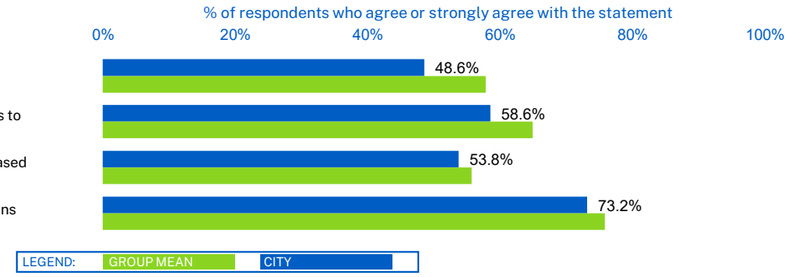


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.0

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	59.8
Recycling services are satisfactory	66.8
Public safety is not a problem	44.4
Air pollution is not a problem	45.2
Medical services provision is satisfactory	73.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.5

Mobility

Traffic congestion is not a problem	17.4
Public transport is satisfactory	47.0

Activities

Green spaces are satisfactory	66.0
Cultural activities (shows, bars, and museums) are satisfactory	80.1

Opportunities (Work & School)

Employment finding services are readily available	64.4
Most children have access to a good school	60.5
Lifelong learning opportunities are provided by local institutions	68.4
Businesses are creating new jobs	60.7
Minorities feel welcome	62.2

Governance

Information on local government decisions are easily accessible	64.7
Corruption of city officials is not an issue of concern	40.9
Residents contribute to decision making of local government	53.0
Residents provide feedback on local government projects	63.5

TECHNOLOGIES

Factor average: 53.9

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.2
A website or App allows residents to easily give away unwanted items	58.2
Free public wifi has improved access to city services	56.3
CCTV cameras has made residents feel safer	50.9
A website or App allows residents to effectively monitor air pollution	37.8
Arranging medical appointments online has improved access	67.1

Mobility

Car-sharing Apps have reduced congestion	45.5
Apps that direct you to an available parking space have reduced journey time	47.8
Bicycle hiring has reduced congestion	44.1
Online scheduling and ticket sales has made public transport easier to use	59.0
The city provides information on traffic congestion through mobile phones	55.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.7
IT skills are taught well in schools	51.6
Online services provided by the city has made it easier to start a new business	48.2
The current internet speed and reliability meet connectivity needs	67.9

Governance

Online public access to city finances has reduced corruption	41.1
Online voting has increased participation	55.2
An online platform where residents can propose ideas has improved city life	46.2
Processing Identification Documents online has reduced waiting times	56.7

Brasilia

SMART CITY RANKING

133

out of 148

130 in 2025
out of 146

SMART CITY RATING

D

C in 2025

FACTOR RATINGS

C

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

2,149,000 – 4,940,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.767*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

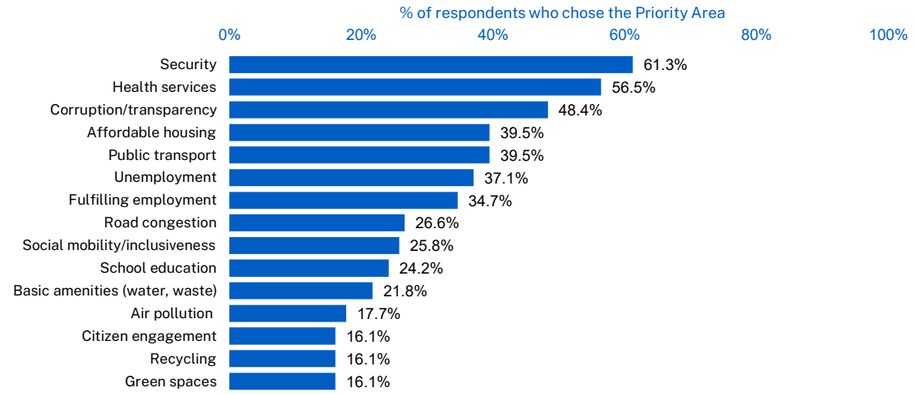
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Brazil	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.776	0.770	0.768	0.780	0.786	+0.006
Life expectancy at birth	75.8	74.5	73.0	74.9	75.8	+0.98
Expected years of schooling	15.4	15.4	15.6	15.8	15.8	+0.00
Mean years of schooling	8.1	8.3	8.4	8.4	8.4	+0.00
GNI per capita (PPP $)	17,183	16,609	17,122	17,594	18,011	+418

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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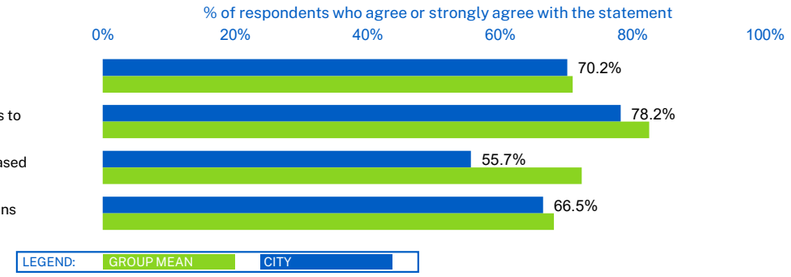


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 45.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	52.7
Recycling services are satisfactory	54.9
Public safety is not a problem	32.4
Air pollution is not a problem	41.3
Medical services provision is satisfactory	44.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.8

Mobility

Traffic congestion is not a problem	28.9
Public transport is satisfactory	35.1

Activities

Green spaces are satisfactory	73.2
Cultural activities (shows, bars, and museums) are satisfactory	76.5

Opportunities (Work & School)

Employment finding services are readily available	57.9
Most children have access to a good school	48.4
Lifelong learning opportunities are provided by local institutions	58.9
Businesses are creating new jobs	55.7
Minorities feel welcome	36.0

Governance

Information on local government decisions are easily accessible	49.4
Corruption of city officials is not an issue of concern	22.7
Residents contribute to decision making of local government	30.8
Residents provide feedback on local government projects	43.3

TECHNOLOGIES

Factor average: 50.9

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	44.9
A website or App allows residents to easily give away unwanted items	44.0
Free public wifi has improved access to city services	46.5
CCTV cameras has made residents feel safer	52.7
A website or App allows residents to effectively monitor air pollution	31.1
Arranging medical appointments online has improved access	51.6

Mobility

Car-sharing Apps have reduced congestion	46.7
Apps that direct you to an available parking space have reduced journey time	48.9
Bicycle hiring has reduced congestion	41.8
Online scheduling and ticket sales has made public transport easier to use	56.4
The city provides information on traffic congestion through mobile phones	52.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	82.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.4
IT skills are taught well in schools	35.0
Online services provided by the city has made it easier to start a new business	53.1
The current internet speed and reliability meet connectivity needs	65.6

Governance

Online public access to city finances has reduced corruption	32.6
Online voting has increased participation	47.7
An online platform where residents can propose ideas has improved city life	48.0
Processing Identification Documents online has reduced waiting times	70.7

Bratislava

SMART CITY RANKING

38

out of 148

57 in 2025
out of 146

SMART CITY RATING

BBB

BB in 2025

FACTOR RATINGS

BBB

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

476,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.945*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

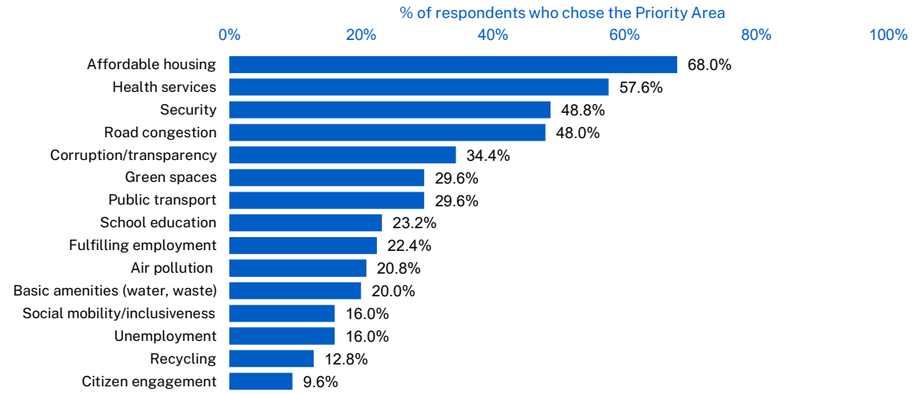
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Slovakia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.871	0.867	0.859	0.873	0.880	+0.007
Life expectancy at birth	77.7	76.9	74.6	77.0	78.3	+1.30
Expected years of schooling	14.5	14.6	14.7	14.9	14.9	+0.00
Mean years of schooling	12.9	13.0	13.1	13.1	13.1	+0.00
GNI per capita (PPP $)	36,805	35,965	36,696	36,462	36,793	+331

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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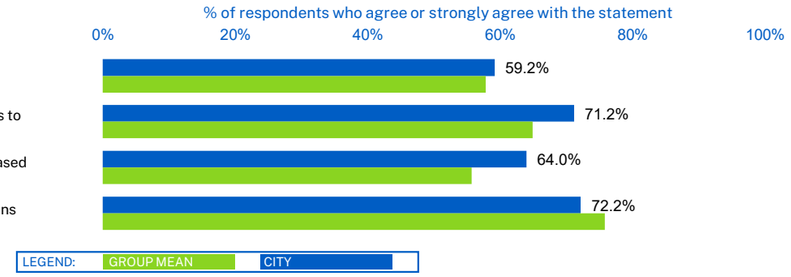


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.9

Score

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	58.0
Recycling services are satisfactory	66.1
Public safety is not a problem	56.3
Air pollution is not a problem	46.2
Medical services provision is satisfactory	54.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.4

Mobility

	Score
Traffic congestion is not a problem	32.9
Public transport is satisfactory	52.7

Activities

	Score
Green spaces are satisfactory	53.4
Cultural activities (shows, bars, and museums) are satisfactory	70.9

Opportunities (Work & School)

	Score
Employment finding services are readily available	64.5
Most children have access to a good school	66.0
Lifelong learning opportunities are provided by local institutions	63.9
Businesses are creating new jobs	65.0
Minorities feel welcome	54.7

Governance

	Score
Information on local government decisions are easily accessible	58.9
Corruption of city officials is not an issue of concern	41.5
Residents contribute to decision making of local government	46.9
Residents provide feedback on local government projects	56.6

TECHNOLOGIES

Factor average: 58.2

Score

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	52.9
A website or App allows residents to easily give away unwanted items	60.3
Free public wifi has improved access to city services	62.0
CCTV cameras has made residents feel safer	58.4
A website or App allows residents to effectively monitor air pollution	48.6
Arranging medical appointments online has improved access	63.8

Mobility

	Score
Car-sharing Apps have reduced congestion	49.5
Apps that direct you to an available parking space have reduced journey time	48.8
Bicycle hiring has reduced congestion	53.0
Online scheduling and ticket sales has made public transport easier to use	68.2
The city provides information on traffic congestion through mobile phones	54.4

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	75.7

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	70.6
IT skills are taught well in schools	60.3
Online services provided by the city has made it easier to start a new business	51.9
The current internet speed and reliability meet connectivity needs	68.3

Governance

	Score
Online public access to city finances has reduced corruption	46.4
Online voting has increased participation	56.1
An online platform where residents can propose ideas has improved city life	54.6
Processing Identification Documents online has reduced waiting times	60.6

Brisbane

SMART CITY RANKING

57

out of 148

51 in 2025
out of 146

SMART CITY RATING

BB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

2,288,000 – 2,707,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.935*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

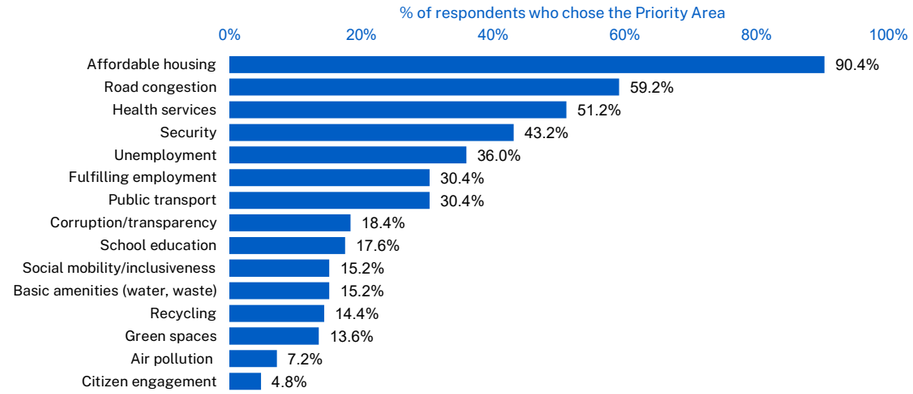
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Australia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.950	0.954	0.952	0.958	+0.006
Life expectancy at birth	83.2	83.7	83.6	82.8	83.9	+1.16
Expected years of schooling	21.4	20.9	21.1	20.7	20.7	+0.00
Mean years of schooling	12.6	12.6	12.8	12.9	12.9	+0.00
GNI per capita (PPP $)	53,813	53,837	56,782	58,256	58,277	+21

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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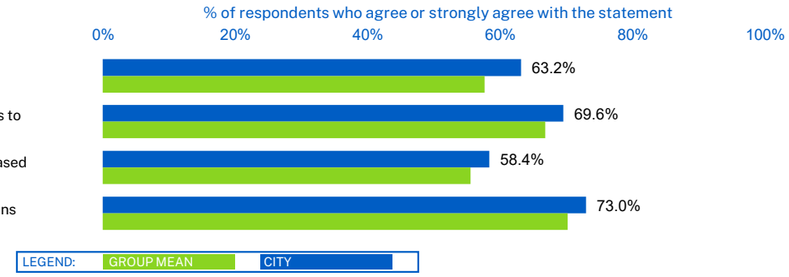


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.7

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	72.3
Recycling services are satisfactory	72.6
Public safety is not a problem	46.3
Air pollution is not a problem	63.1
Medical services provision is satisfactory	65.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	19.9

Mobility

Traffic congestion is not a problem	22.7
Public transport is satisfactory	59.3

Activities

Green spaces are satisfactory	73.2
Cultural activities (shows, bars, and museums) are satisfactory	75.3

Opportunities (Work & School)

Employment finding services are readily available	68.2
Most children have access to a good school	74.7
Lifelong learning opportunities are provided by local institutions	69.1
Businesses are creating new jobs	56.7
Minorities feel welcome	60.7

Governance

Information on local government decisions are easily accessible	59.0
Corruption of city officials is not an issue of concern	48.2
Residents contribute to decision making of local government	47.6
Residents provide feedback on local government projects	60.1

TECHNOLOGIES

Factor average: 53.6

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.3
A website or App allows residents to easily give away unwanted items	57.6
Free public wifi has improved access to city services	59.9
CCTV cameras has made residents feel safer	62.6
A website or App allows residents to effectively monitor air pollution	35.4
Arranging medical appointments online has improved access	72.9

Mobility

Car-sharing Apps have reduced congestion	38.8
Apps that direct you to an available parking space have reduced journey time	41.8
Bicycle hiring has reduced congestion	43.4
Online scheduling and ticket sales has made public transport easier to use	59.2
The city provides information on traffic congestion through mobile phones	56.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.6
IT skills are taught well in schools	54.1
Online services provided by the city has made it easier to start a new business	46.9
The current internet speed and reliability meet connectivity needs	65.2

Governance

Online public access to city finances has reduced corruption	37.7
Online voting has increased participation	46.0
An online platform where residents can propose ideas has improved city life	45.5
Processing Identification Documents online has reduced waiting times	56.8

Brussels

SMART CITY RANKING

59

out of 148

48 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,242,000 – 2,130,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.960*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

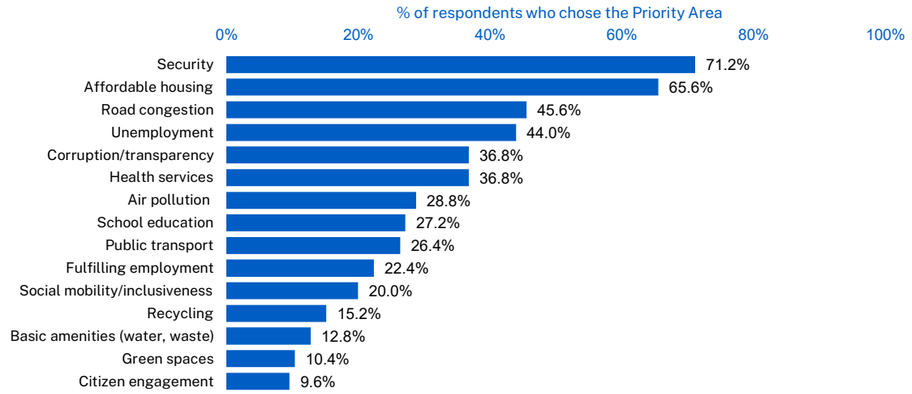
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Belgium	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.945	0.939	0.948	0.945	0.951	+0.006
Life expectancy at birth	81.8	80.8	81.7	81.2	82.1	+0.96
Expected years of schooling	19.6	19.3	18.9	19.0	19.0	+0.00
Mean years of schooling	12.4	12.5	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	62,803	59,544	62,768	62,228	63,582	+1,354

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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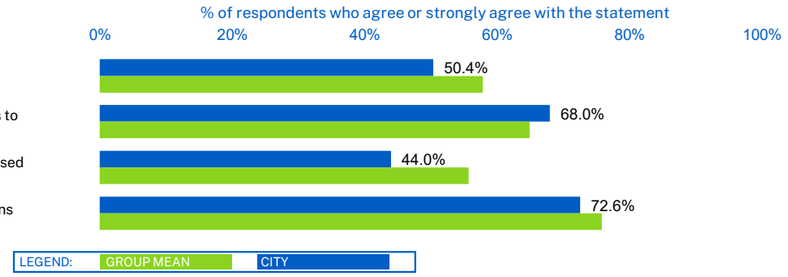


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 49.5

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	51.7
Recycling services are satisfactory	60.2
Public safety is not a problem	34.4
Air pollution is not a problem	33.0
Medical services provision is satisfactory	64.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	27.2

Mobility

Traffic congestion is not a problem	26.6
Public transport is satisfactory	59.6

Activities

Green spaces are satisfactory	68.2
Cultural activities (shows, bars, and museums) are satisfactory	76.8

Opportunities (Work & School)

Employment finding services are readily available	62.3
Most children have access to a good school	54.9
Lifelong learning opportunities are provided by local institutions	60.3
Businesses are creating new jobs	49.9
Minorities feel welcome	49.0

Governance

Information on local government decisions are easily accessible	45.7
Corruption of city officials is not an issue of concern	35.4
Residents contribute to decision making of local government	36.7
Residents provide feedback on local government projects	44.7

TECHNOLOGIES

Factor average: 53.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.3
A website or App allows residents to easily give away unwanted items	63.6
Free public wifi has improved access to city services	51.4
CCTV cameras has made residents feel safer	49.4
A website or App allows residents to effectively monitor air pollution	48.1
Arranging medical appointments online has improved access	65.7

Mobility

Car-sharing Apps have reduced congestion	39.8
Apps that direct you to an available parking space have reduced journey time	46.1
Bicycle hiring has reduced congestion	49.9
Online scheduling and ticket sales has made public transport easier to use	63.8
The city provides information on traffic congestion through mobile phones	52.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	58.1
IT skills are taught well in schools	54.0
Online services provided by the city has made it easier to start a new business	46.4
The current internet speed and reliability meet connectivity needs	68.6

Governance

Online public access to city finances has reduced corruption	35.7
Online voting has increased participation	43.9
An online platform where residents can propose ideas has improved city life	47.4
Processing Identification Documents online has reduced waiting times	64.2

Bucharest

SMART CITY RANKING

75

out of 148

78 in 2025
out of 146

SMART CITY RATING

BB

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,719,000 – 2,413,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.926*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

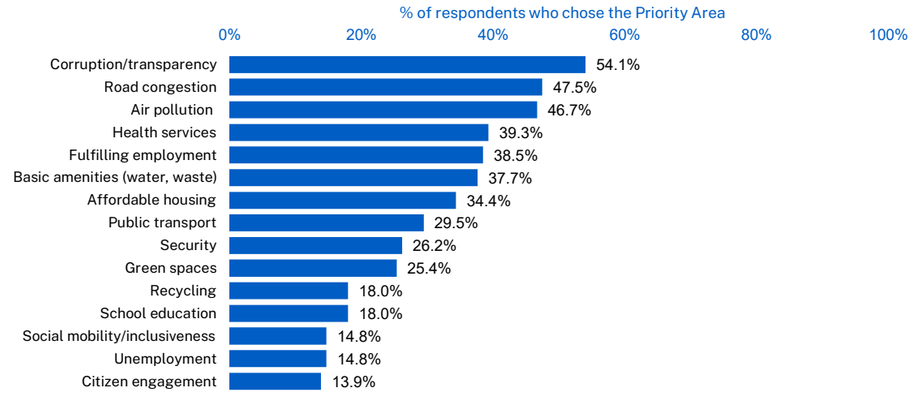
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Romania	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.838	0.832	0.829	0.840	0.845	+0.005
Life expectancy at birth	75.3	74.0	72.7	75.3	75.9	+0.68
Expected years of schooling	14.4	14.5	14.5	14.1	14.1	+0.00
Mean years of schooling	11.3	11.4	11.5	11.6	11.6	+0.00
GNI per capita (PPP $)	36,328	35,141	37,208	38,443	39,374	+931

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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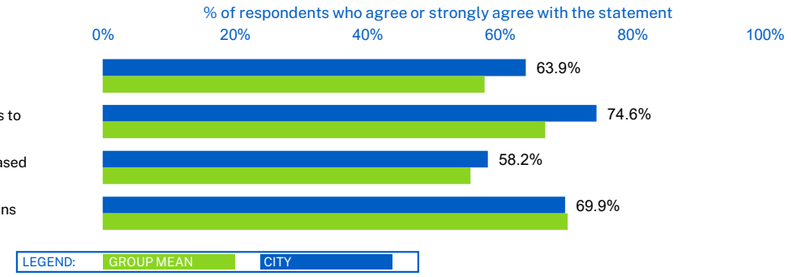


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 50.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	55.9
Recycling services are satisfactory	64.3
Public safety is not a problem	55.9
Air pollution is not a problem	26.9
Medical services provision is satisfactory	51.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.0

Mobility

Traffic congestion is not a problem	24.4
Public transport is satisfactory	46.5

Activities

Green spaces are satisfactory	59.2
Cultural activities (shows, bars, and museums) are satisfactory	75.7

Opportunities (Work & School)

Employment finding services are readily available	61.3
Most children have access to a good school	61.3
Lifelong learning opportunities are provided by local institutions	62.2
Businesses are creating new jobs	58.9
Minorities feel welcome	61.1

Governance

Information on local government decisions are easily accessible	51.6
Corruption of city officials is not an issue of concern	25.6
Residents contribute to decision making of local government	34.2
Residents provide feedback on local government projects	48.3

TECHNOLOGIES

Factor average: 59.6

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.3
A website or App allows residents to easily give away unwanted items	61.4
Free public wifi has improved access to city services	59.3
CCTV cameras has made residents feel safer	58.1
A website or App allows residents to effectively monitor air pollution	56.1
Arranging medical appointments online has improved access	69.2

Mobility

Car-sharing Apps have reduced congestion	55.0
Apps that direct you to an available parking space have reduced journey time	58.4
Bicycle hiring has reduced congestion	57.2
Online scheduling and ticket sales has made public transport easier to use	69.8
The city provides information on traffic congestion through mobile phones	61.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	82.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.8
IT skills are taught well in schools	54.9
Online services provided by the city has made it easier to start a new business	55.9
The current internet speed and reliability meet connectivity needs	79.9

Governance

Online public access to city finances has reduced corruption	32.5
Online voting has increased participation	43.4
An online platform where residents can propose ideas has improved city life	51.7
Processing Identification Documents online has reduced waiting times	62.0

Budapest

SMART CITY RANKING

79

out of 148

84 in 2025
out of 146

SMART CITY RATING

B

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,719,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.934*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

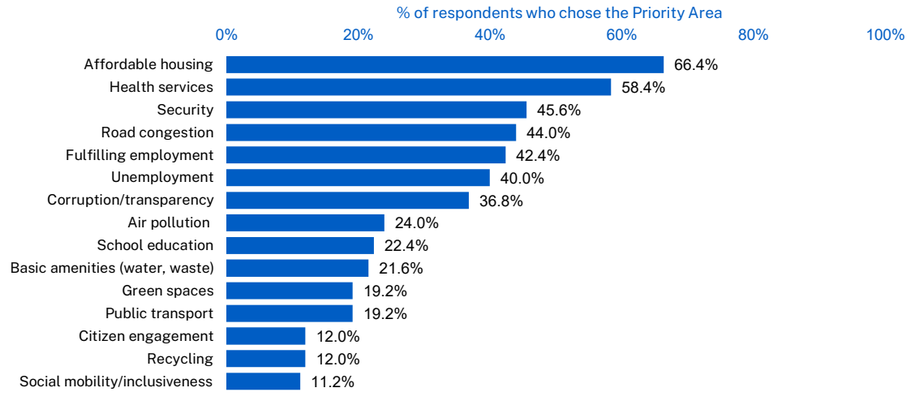
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Hungary	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.861	0.857	0.852	0.867	0.870	+0.003
Life expectancy at birth	76.5	75.7	74.2	76.2	77.0	+0.81
Expected years of schooling	15.0	15.1	15.1	15.5	15.5	+0.00
Mean years of schooling	12.2	12.3	12.3	12.3	12.3	+0.00
GNI per capita (PPP $)	36,892	35,968	37,419	37,600	37,236	-364

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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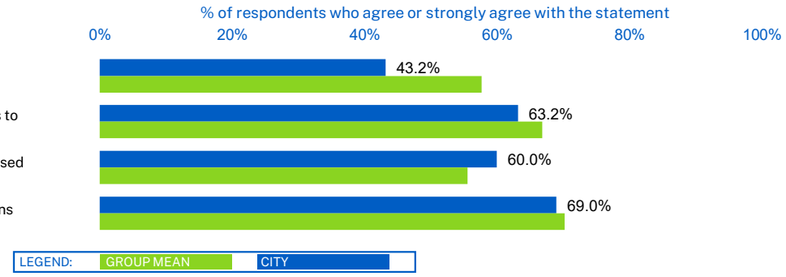


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 50.0

Score

Health & Safety

Basic sanitation meets the needs of the poorest areas	47.4
Recycling services are satisfactory	61.1
Public safety is not a problem	55.5
Air pollution is not a problem	36.5
Medical services provision is satisfactory	37.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	22.9

Mobility

Traffic congestion is not a problem	29.4
Public transport is satisfactory	60.0

Activities

Green spaces are satisfactory	58.7
Cultural activities (shows, bars, and museums) are satisfactory	78.2

Opportunities (Work & School)

Employment finding services are readily available	63.9
Most children have access to a good school	56.5
Lifelong learning opportunities are provided by local institutions	63.4
Businesses are creating new jobs	61.2
Minorities feel welcome	35.9

Governance

Information on local government decisions are easily accessible	53.4
Corruption of city officials is not an issue of concern	36.0
Residents contribute to decision making of local government	40.3
Residents provide feedback on local government projects	51.4

TECHNOLOGIES

Factor average: 55.8

Score

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	42.8
A website or App allows residents to easily give away unwanted items	53.0
Free public wifi has improved access to city services	57.0
CCTV cameras has made residents feel safer	60.1
A website or App allows residents to effectively monitor air pollution	50.1
Arranging medical appointments online has improved access	51.4

Mobility

Car-sharing Apps have reduced congestion	40.6
Apps that direct you to an available parking space have reduced journey time	45.1
Bicycle hiring has reduced congestion	46.7
Online scheduling and ticket sales has made public transport easier to use	72.6
The city provides information on traffic congestion through mobile phones	61.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.0
IT skills are taught well in schools	59.9
Online services provided by the city has made it easier to start a new business	52.4
The current internet speed and reliability meet connectivity needs	70.4

Governance

Online public access to city finances has reduced corruption	35.7
Online voting has increased participation	53.4
An online platform where residents can propose ideas has improved city life	50.4
Processing Identification Documents online has reduced waiting times	63.0

Buenos Aires

SMART CITY RANKING

134

out of 148

131 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

CC

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

3,122,000 – 16,710,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.851*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

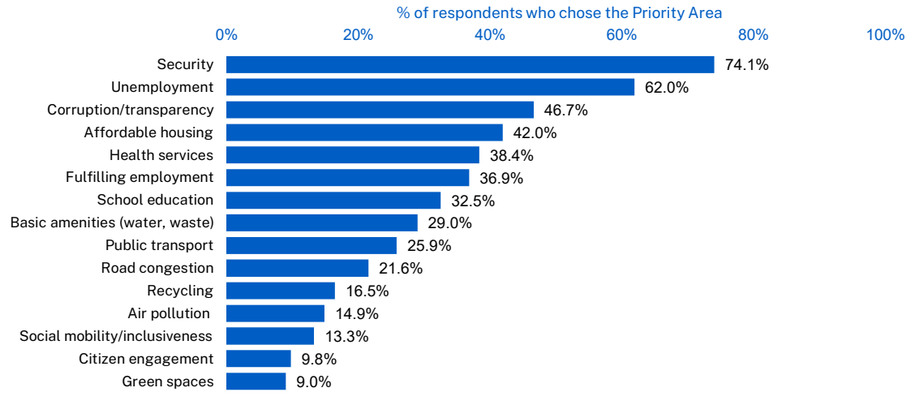
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Argentina	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.861	0.851	0.847	0.858	0.865	+0.007
Life expectancy at birth	76.8	75.9	73.9	75.8	77.4	+1.59
Expected years of schooling	18.1	18.4	19.0	18.8	18.8	+0.00
Mean years of schooling	11.1	11.1	11.2	11.2	11.2	+0.00
GNI per capita (PPP $)	25,601	23,152	25,561	26,607	25,876	-731

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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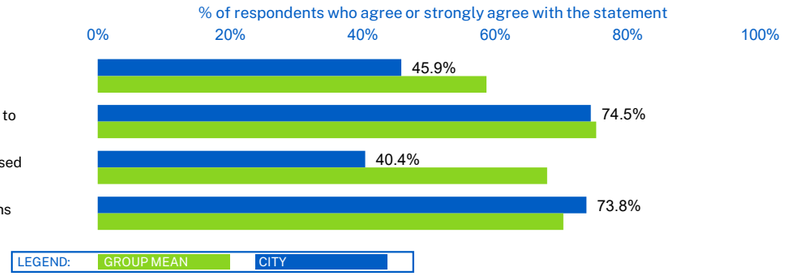


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 42.0

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	43.9
Recycling services are satisfactory	52.0
Public safety is not a problem	22.8
Air pollution is not a problem	28.8
Medical services provision is satisfactory	44.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	21.3

Mobility

Traffic congestion is not a problem	24.1
Public transport is satisfactory	45.9

Activities

Green spaces are satisfactory	73.4
Cultural activities (shows, bars, and museums) are satisfactory	78.6

Opportunities (Work & School)

Employment finding services are readily available	51.5
Most children have access to a good school	37.3
Lifelong learning opportunities are provided by local institutions	52.9
Businesses are creating new jobs	31.5
Minorities feel welcome	43.7

Governance

Information on local government decisions are easily accessible	50.9
Corruption of city officials is not an issue of concern	25.3
Residents contribute to decision making of local government	29.5
Residents provide feedback on local government projects	39.5

TECHNOLOGIES

Factor average: 48.6

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	43.2
A website or App allows residents to easily give away unwanted items	48.7
Free public wifi has improved access to city services	46.5
CCTV cameras has made residents feel safer	52.4
A website or App allows residents to effectively monitor air pollution	29.2
Arranging medical appointments online has improved access	58.0

Mobility

Car-sharing Apps have reduced congestion	37.8
Apps that direct you to an available parking space have reduced journey time	40.3
Bicycle hiring has reduced congestion	48.3
Online scheduling and ticket sales has made public transport easier to use	55.7
The city provides information on traffic congestion through mobile phones	59.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	54.9
IT skills are taught well in schools	44.1
Online services provided by the city has made it easier to start a new business	44.0
The current internet speed and reliability meet connectivity needs	64.9

Governance

Online public access to city finances has reduced corruption	28.8
Online voting has increased participation	33.0
An online platform where residents can propose ideas has improved city life	38.7
Processing Identification Documents online has reduced waiting times	65.2

Busan

SMART CITY RANKING

69

out of 148

60 in 2025
out of 146

SMART CITY RATING

BB

B in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

3,426,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.926*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

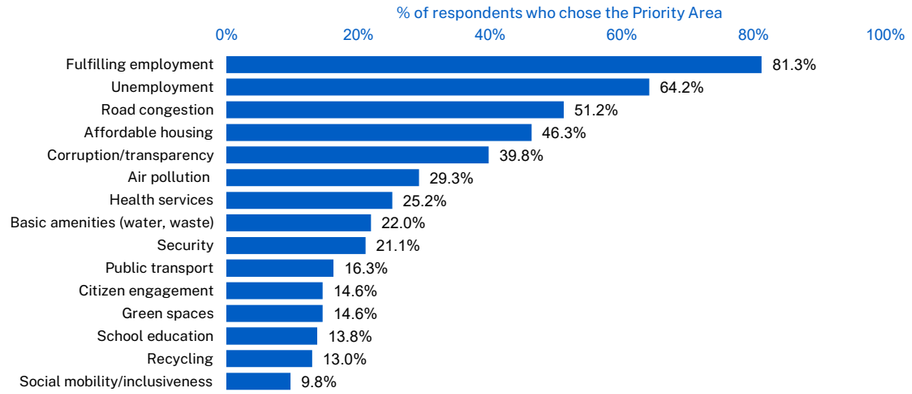
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Korea (Republic of)	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.927	0.928	0.933	0.928	0.937	+0.009
Life expectancy at birth	83.7	83.7	83.9	82.7	84.3	+1.60
Expected years of schooling	16.4	16.4	16.5	16.6	16.6	+0.00
Mean years of schooling	12.5	12.6	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	47,438	47,400	49,118	48,871	49,726	+855

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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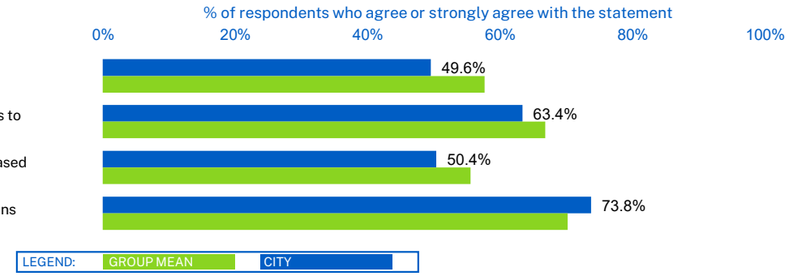


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 51.7

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.5
Recycling services are satisfactory	75.9
Public safety is not a problem	71.2
Air pollution is not a problem	30.1
Medical services provision is satisfactory	70.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	45.0

Mobility

Traffic congestion is not a problem	26.9
Public transport is satisfactory	69.0

Activities

Green spaces are satisfactory	59.9
Cultural activities (shows, bars, and museums) are satisfactory	50.6

Opportunities (Work & School)

Employment finding services are readily available	54.4
Most children have access to a good school	57.6
Lifelong learning opportunities are provided by local institutions	62.1
Businesses are creating new jobs	31.6
Minorities feel welcome	28.1

Governance

Information on local government decisions are easily accessible	56.9
Corruption of city officials is not an issue of concern	28.7
Residents contribute to decision making of local government	44.9
Residents provide feedback on local government projects	45.4

TECHNOLOGIES

Factor average: 61.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	58.9
A website or App allows residents to easily give away unwanted items	64.7
Free public wifi has improved access to city services	76.8
CCTV cameras has made residents feel safer	82.0
A website or App allows residents to effectively monitor air pollution	64.8
Arranging medical appointments online has improved access	69.6

Mobility

Car-sharing Apps have reduced congestion	41.1
Apps that direct you to an available parking space have reduced journey time	45.5
Bicycle hiring has reduced congestion	33.7
Online scheduling and ticket sales has made public transport easier to use	72.0
The city provides information on traffic congestion through mobile phones	76.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	60.1
IT skills are taught well in schools	62.8
Online services provided by the city has made it easier to start a new business	48.0
The current internet speed and reliability meet connectivity needs	79.3

Governance

Online public access to city finances has reduced corruption	40.3
Online voting has increased participation	51.8
An online platform where residents can propose ideas has improved city life	52.8
Processing Identification Documents online has reduced waiting times	76.6

Cairo

SMART CITY RANKING

125

out of 148

117 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

C

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

9,960,000 – 22,620,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.777*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

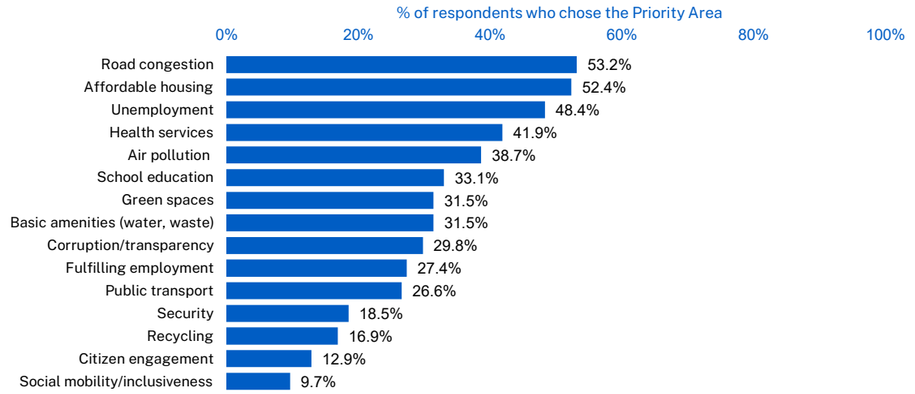
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Egypt	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.736	0.736	0.738	0.751	0.754	+0.003
Life expectancy at birth	71.2	69.8	69.0	71.0	71.6	+0.62
Expected years of schooling	12.7	12.9	13.1	13.1	13.1	+0.00
Mean years of schooling	9.6	9.9	10.1	10.1	10.1	+0.00
GNI per capita (PPP $)	14,770	15,112	15,359	16,051	16,218	+167

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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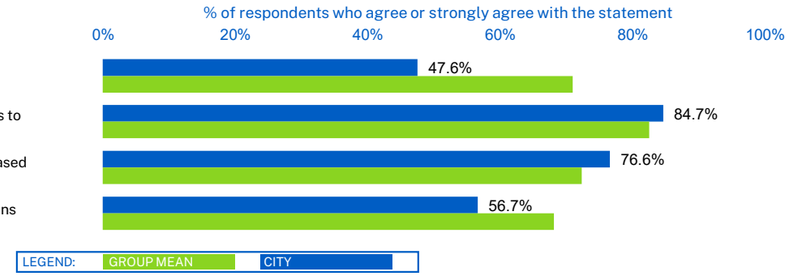


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 45.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.0
Recycling services are satisfactory	56.3
Public safety is not a problem	38.9
Air pollution is not a problem	19.7
Medical services provision is satisfactory	58.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	34.9

Mobility

Traffic congestion is not a problem	19.5
Public transport is satisfactory	49.0

Activities

Green spaces are satisfactory	44.9
Cultural activities (shows, bars, and museums) are satisfactory	65.5

Opportunities (Work & School)

Employment finding services are readily available	40.4
Most children have access to a good school	46.7
Lifelong learning opportunities are provided by local institutions	48.1
Businesses are creating new jobs	50.2
Minorities feel welcome	63.0

Governance

Information on local government decisions are easily accessible	62.1
Corruption of city officials is not an issue of concern	26.3
Residents contribute to decision making of local government	36.7
Residents provide feedback on local government projects	41.2

TECHNOLOGIES

Factor average: 61.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	59.9
A website or App allows residents to easily give away unwanted items	54.4
Free public wifi has improved access to city services	47.9
CCTV cameras has made residents feel safer	72.7
A website or App allows residents to effectively monitor air pollution	41.9
Arranging medical appointments online has improved access	76.0

Mobility

Car-sharing Apps have reduced congestion	60.1
Apps that direct you to an available parking space have reduced journey time	63.6
Bicycle hiring has reduced congestion	51.9
Online scheduling and ticket sales has made public transport easier to use	70.4
The city provides information on traffic congestion through mobile phones	61.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	69.9
IT skills are taught well in schools	53.4
Online services provided by the city has made it easier to start a new business	63.8
The current internet speed and reliability meet connectivity needs	60.2

Governance

Online public access to city finances has reduced corruption	50.5
Online voting has increased participation	58.2
An online platform where residents can propose ideas has improved city life	54.9
Processing Identification Documents online has reduced waiting times	67.7

Canberra

SMART CITY RANKING

8

out of 148

8 in 2025
out of 146

SMART CITY RATING

A

AAA in 2025

FACTOR RATINGS

AA

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

378,000 – 511,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.976*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

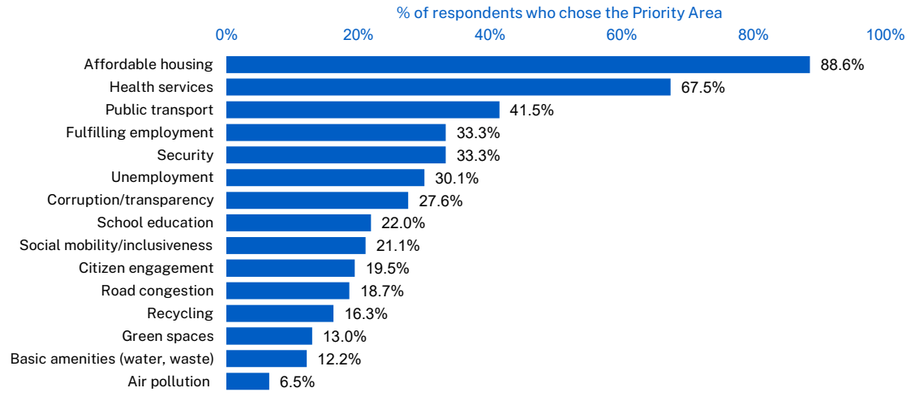
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Australia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.950	0.954	0.952	0.958	+0.006
Life expectancy at birth	83.2	83.7	83.6	82.8	83.9	+1.16
Expected years of schooling	21.4	20.9	21.1	20.7	20.7	+0.00
Mean years of schooling	12.6	12.6	12.8	12.9	12.9	+0.00
GNI per capita (PPP $)	53,813	53,837	56,782	58,256	58,277	+21

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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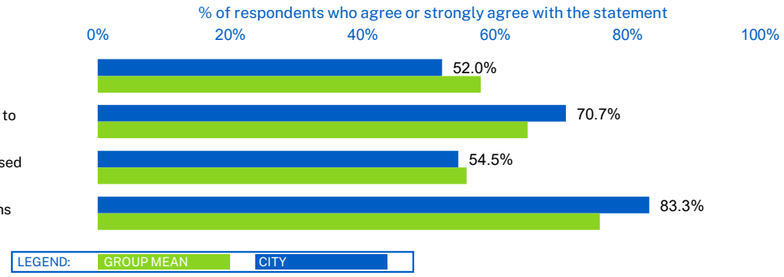


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 66.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	78.2
Recycling services are satisfactory	79.2
Public safety is not a problem	64.4
Air pollution is not a problem	72.3
Medical services provision is satisfactory	61.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	27.9

Mobility

Traffic congestion is not a problem	61.9
Public transport is satisfactory	59.7

Activities

Green spaces are satisfactory	80.2
Cultural activities (shows, bars, and museums) are satisfactory	78.5

Opportunities (Work & School)

Employment finding services are readily available	71.7
Most children have access to a good school	80.4
Lifelong learning opportunities are provided by local institutions	75.5
Businesses are creating new jobs	61.6
Minorities feel welcome	75.3

Governance

Information on local government decisions are easily accessible	64.3
Corruption of city officials is not an issue of concern	53.8
Residents contribute to decision making of local government	54.7
Residents provide feedback on local government projects	66.1

TECHNOLOGIES

Factor average: 54.1

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.8
A website or App allows residents to easily give away unwanted items	66.5
Free public wifi has improved access to city services	61.5
CCTV cameras has made residents feel safer	57.0
A website or App allows residents to effectively monitor air pollution	45.4
Arranging medical appointments online has improved access	71.3

Mobility

Car-sharing Apps have reduced congestion	42.1
Apps that direct you to an available parking space have reduced journey time	38.0
Bicycle hiring has reduced congestion	41.8
Online scheduling and ticket sales has made public transport easier to use	52.7
The city provides information on traffic congestion through mobile phones	48.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	70.3
IT skills are taught well in schools	58.5
Online services provided by the city has made it easier to start a new business	46.5
The current internet speed and reliability meet connectivity needs	65.5

Governance

Online public access to city finances has reduced corruption	38.7
Online voting has increased participation	44.8
An online platform where residents can propose ideas has improved city life	46.4
Processing Identification Documents online has reduced waiting times	60.1

Cape Town

SMART CITY RANKING

127

out of 148

124 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

C

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

435,000 – 4,980,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.755*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

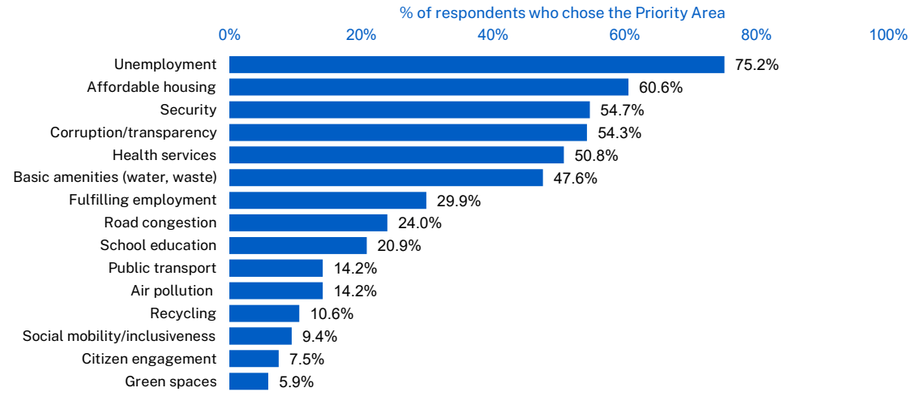
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

South Africa	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.742	0.724	0.721	0.737	0.741	+0.004
Life expectancy at birth	66.1	65.2	62.0	65.5	66.1	+0.69
Expected years of schooling	14.2	14.0	14.1	13.8	13.8	+0.00
Mean years of schooling	11.4	10.6	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	13,882	13,242	13,902	13,820	13,694	-126

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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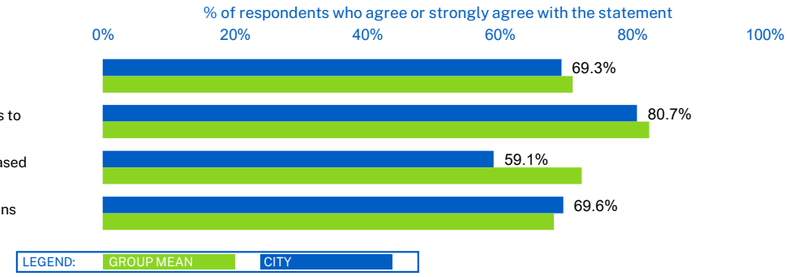


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 49.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	50.9
Recycling services are satisfactory	64.9
Public safety is not a problem	29.7
Air pollution is not a problem	36.3
Medical services provision is satisfactory	56.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	32.0

Mobility

Traffic congestion is not a problem	29.3
Public transport is satisfactory	51.4

Activities

Green spaces are satisfactory	66.2
Cultural activities (shows, bars, and museums) are satisfactory	77.9

Opportunities (Work & School)

Employment finding services are readily available	47.3
Most children have access to a good school	51.3
Lifelong learning opportunities are provided by local institutions	55.4
Businesses are creating new jobs	56.6
Minorities feel welcome	53.6

Governance

Information on local government decisions are easily accessible	59.7
Corruption of city officials is not an issue of concern	25.3
Residents contribute to decision making of local government	41.3
Residents provide feedback on local government projects	51.8

TECHNOLOGIES

Factor average: 57.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	55.2
A website or App allows residents to easily give away unwanted items	54.5
Free public wifi has improved access to city services	61.6
CCTV cameras has made residents feel safer	58.0
A website or App allows residents to effectively monitor air pollution	34.6
Arranging medical appointments online has improved access	63.0

Mobility

Car-sharing Apps have reduced congestion	52.5
Apps that direct you to an available parking space have reduced journey time	45.2
Bicycle hiring has reduced congestion	44.0
Online scheduling and ticket sales has made public transport easier to use	64.3
The city provides information on traffic congestion through mobile phones	65.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	69.9
IT skills are taught well in schools	57.0
Online services provided by the city has made it easier to start a new business	58.0
The current internet speed and reliability meet connectivity needs	70.7

Governance

Online public access to city finances has reduced corruption	37.0
Online voting has increased participation	54.8
An online platform where residents can propose ideas has improved city life	54.7
Processing Identification Documents online has reduced waiting times	66.8

Cardiff

SMART CITY RANKING

84

out of 148

89 in 2025
out of 146

SMART CITY RATING

CCC

B in 2025

FACTOR RATINGS

B

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

366,000 – 450,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.910*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

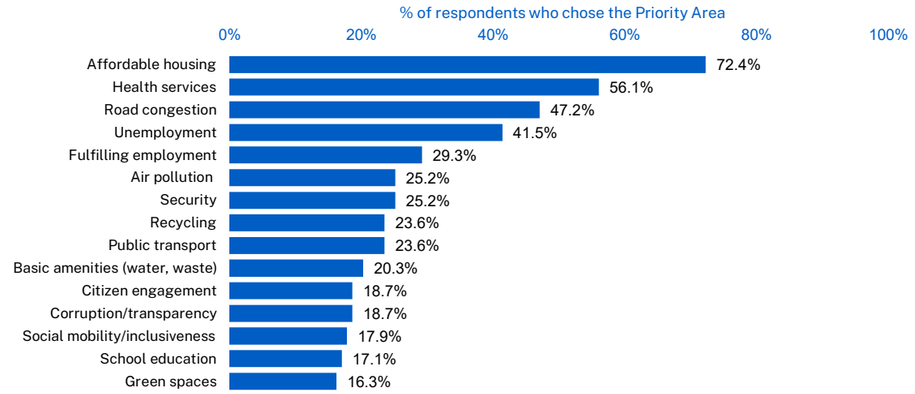
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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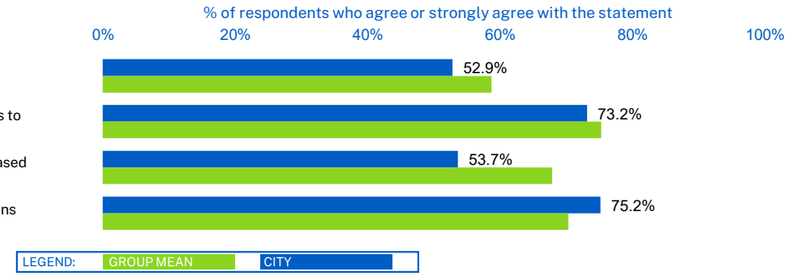


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	68.6
Recycling services are satisfactory	70.3
Public safety is not a problem	49.7
Air pollution is not a problem	49.0
Medical services provision is satisfactory	53.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	29.9

Mobility

Traffic congestion is not a problem	29.2
Public transport is satisfactory	58.7

Activities

Green spaces are satisfactory	73.0
Cultural activities (shows, bars, and museums) are satisfactory	80.1

Opportunities (Work & School)

Employment finding services are readily available	65.6
Most children have access to a good school	72.5
Lifelong learning opportunities are provided by local institutions	66.2
Businesses are creating new jobs	57.2
Minorities feel welcome	70.3

Governance

Information on local government decisions are easily accessible	62.7
Corruption of city officials is not an issue of concern	50.7
Residents contribute to decision making of local government	47.9
Residents provide feedback on local government projects	60.4

TECHNOLOGIES

Factor average: 53.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	49.2
A website or App allows residents to easily give away unwanted items	63.9
Free public wifi has improved access to city services	58.9
CCTV cameras has made residents feel safer	60.1
A website or App allows residents to effectively monitor air pollution	36.0
Arranging medical appointments online has improved access	49.9

Mobility

Car-sharing Apps have reduced congestion	38.8
Apps that direct you to an available parking space have reduced journey time	38.2
Bicycle hiring has reduced congestion	44.0
Online scheduling and ticket sales has made public transport easier to use	61.2
The city provides information on traffic congestion through mobile phones	46.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	72.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.6
IT skills are taught well in schools	58.6
Online services provided by the city has made it easier to start a new business	51.5
The current internet speed and reliability meet connectivity needs	71.8

Governance

Online public access to city finances has reduced corruption	41.9
Online voting has increased participation	51.4
An online platform where residents can propose ideas has improved city life	44.5
Processing Identification Documents online has reduced waiting times	53.1

Chengdu

SMART CITY RANKING

87

out of 148

76 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

13,441,000 – 20,938,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.762*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

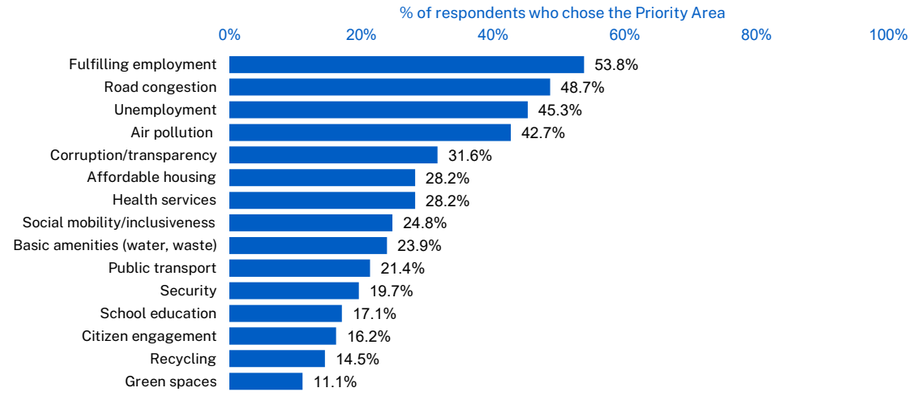
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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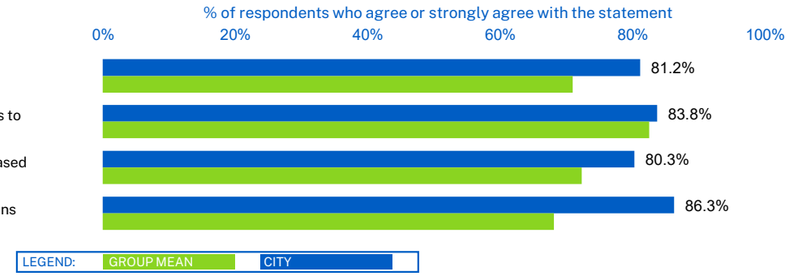


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.3

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	82.6
Recycling services are satisfactory	78.9
Public safety is not a problem	73.8
Air pollution is not a problem	57.8
Medical services provision is satisfactory	82.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	66.5

Mobility

Traffic congestion is not a problem	45.1
Public transport is satisfactory	72.0

Activities

Green spaces are satisfactory	84.9
Cultural activities (shows, bars, and museums) are satisfactory	83.1

Opportunities (Work & School)

Employment finding services are readily available	76.4
Most children have access to a good school	78.8
Lifelong learning opportunities are provided by local institutions	65.5
Businesses are creating new jobs	70.4
Minorities feel welcome	82.3

Governance

Information on local government decisions are easily accessible	76.7
Corruption of city officials is not an issue of concern	55.6
Residents contribute to decision making of local government	65.4
Residents provide feedback on local government projects	75.2

TECHNOLOGIES

Factor average: 79.0

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	83.3
A website or App allows residents to easily give away unwanted items	76.9
Free public wifi has improved access to city services	76.6
CCTV cameras has made residents feel safer	78.0
A website or App allows residents to effectively monitor air pollution	72.4
Arranging medical appointments online has improved access	86.2

Mobility

Car-sharing Apps have reduced congestion	66.4
Apps that direct you to an available parking space have reduced journey time	80.3
Bicycle hiring has reduced congestion	77.1
Online scheduling and ticket sales has made public transport easier to use	87.5
The city provides information on traffic congestion through mobile phones	84.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	87.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	80.8
IT skills are taught well in schools	76.0
Online services provided by the city has made it easier to start a new business	73.3
The current internet speed and reliability meet connectivity needs	87.6

Governance

Online public access to city finances has reduced corruption	69.0
Online voting has increased participation	72.6
An online platform where residents can propose ideas has improved city life	79.8
Processing Identification Documents online has reduced waiting times	83.0

Chicago

SMART CITY RANKING

81

out of 148

79 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

2,655,000 – 8,489,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.932*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

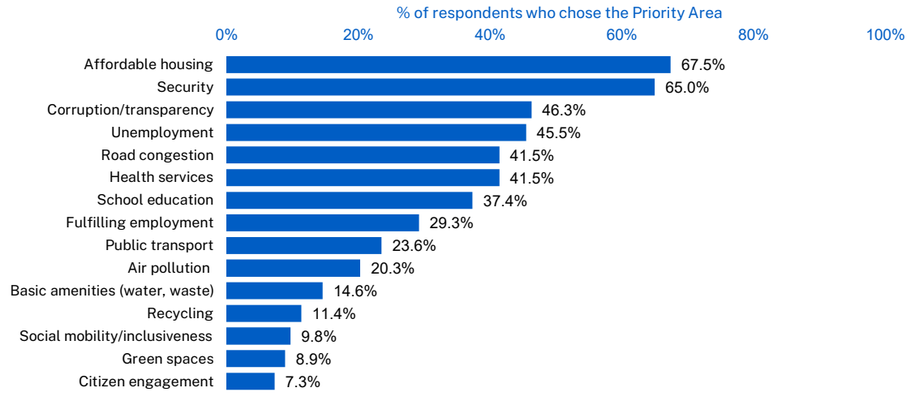
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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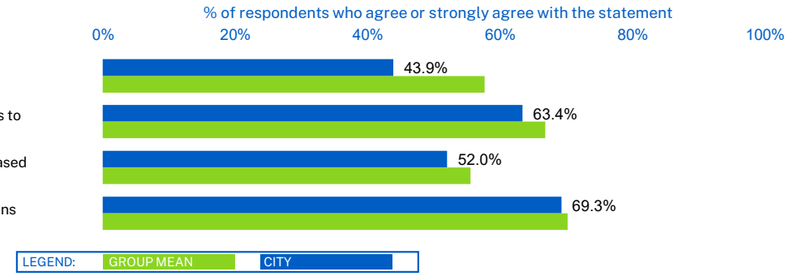


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 52.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	58.4
Recycling services are satisfactory	68.5
Public safety is not a problem	27.9
Air pollution is not a problem	35.9
Medical services provision is satisfactory	67.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	35.6

Mobility

Traffic congestion is not a problem	22.1
Public transport is satisfactory	54.9

Activities

Green spaces are satisfactory	64.3
Cultural activities (shows, bars, and museums) are satisfactory	81.4

Opportunities (Work & School)

Employment finding services are readily available	62.7
Most children have access to a good school	53.0
Lifelong learning opportunities are provided by local institutions	58.5
Businesses are creating new jobs	57.0
Minorities feel welcome	60.9

Governance

Information on local government decisions are easily accessible	61.4
Corruption of city officials is not an issue of concern	29.3
Residents contribute to decision making of local government	43.5
Residents provide feedback on local government projects	58.6

TECHNOLOGIES

Factor average: 53.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.9
A website or App allows residents to easily give away unwanted items	56.7
Free public wifi has improved access to city services	52.7
CCTV cameras has made residents feel safer	50.2
A website or App allows residents to effectively monitor air pollution	36.9
Arranging medical appointments online has improved access	66.2

Mobility

Car-sharing Apps have reduced congestion	46.0
Apps that direct you to an available parking space have reduced journey time	52.1
Bicycle hiring has reduced congestion	47.6
Online scheduling and ticket sales has made public transport easier to use	62.2
The city provides information on traffic congestion through mobile phones	62.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	64.5
IT skills are taught well in schools	47.3
Online services provided by the city has made it easier to start a new business	46.1
The current internet speed and reliability meet connectivity needs	67.2

Governance

Online public access to city finances has reduced corruption	37.0
Online voting has increased participation	55.2
An online platform where residents can propose ideas has improved city life	44.0
Processing Identification Documents online has reduced waiting times	54.8

Chongqing

SMART CITY RANKING

74

out of 148

69 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

16,361,000 – 32,054,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.795*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

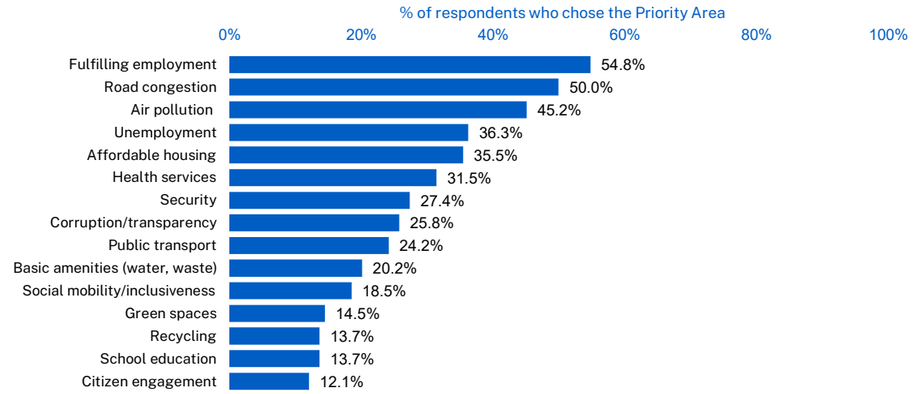
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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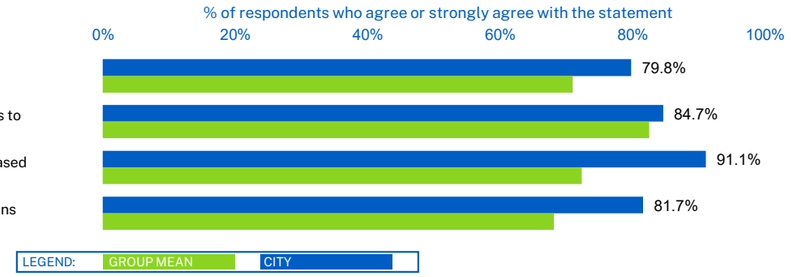


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.4

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	79.4
Recycling services are satisfactory	78.0
Public safety is not a problem	74.6
Air pollution is not a problem	59.5
Medical services provision is satisfactory	79.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	71.6

Mobility

	Score
Traffic congestion is not a problem	43.0
Public transport is satisfactory	72.0

Activities

	Score
Green spaces are satisfactory	82.9
Cultural activities (shows, bars, and museums) are satisfactory	83.5

Opportunities (Work & School)

	Score
Employment finding services are readily available	76.2
Most children have access to a good school	79.5
Lifelong learning opportunities are provided by local institutions	62.3
Businesses are creating new jobs	71.4
Minorities feel welcome	84.3

Governance

	Score
Information on local government decisions are easily accessible	79.2
Corruption of city officials is not an issue of concern	59.2
Residents contribute to decision making of local government	64.8
Residents provide feedback on local government projects	73.7

TECHNOLOGIES

Factor average: 79.1

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	81.1
A website or App allows residents to easily give away unwanted items	72.1
Free public wifi has improved access to city services	77.0
CCTV cameras has made residents feel safer	78.8
A website or App allows residents to effectively monitor air pollution	76.2
Arranging medical appointments online has improved access	89.4

Mobility

	Score
Car-sharing Apps have reduced congestion	69.6
Apps that direct you to an available parking space have reduced journey time	79.7
Bicycle hiring has reduced congestion	72.5
Online scheduling and ticket sales has made public transport easier to use	88.2
The city provides information on traffic congestion through mobile phones	85.9

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	87.7

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	81.6
IT skills are taught well in schools	77.4
Online services provided by the city has made it easier to start a new business	72.3
The current internet speed and reliability meet connectivity needs	85.3

Governance

	Score
Online public access to city finances has reduced corruption	72.8
Online voting has increased participation	70.7
An online platform where residents can propose ideas has improved city life	80.6
Processing Identification Documents online has reduced waiting times	83.3

Copenhagen

SMART CITY RANKING

5

out of 148

7 in 2025
out of 146

SMART CITY RATING

AA

AAA in 2025

FACTOR RATINGS

AAA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

649,000 – 1,390,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.970*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

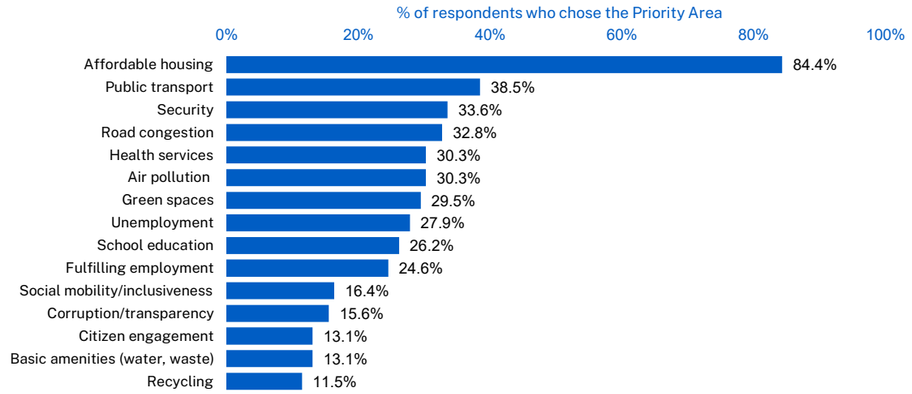
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Denmark	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.953	0.954	0.958	0.959	0.962	+0.003
Life expectancy at birth	81.4	81.5	81.4	81.3	81.9	+0.64
Expected years of schooling	18.6	18.6	18.8	18.7	18.7	+0.00
Mean years of schooling	12.9	13.0	13.0	13.0	13.0	+0.00
GNI per capita (PPP $)	67,926	67,366	72,638	74,966	76,008	+1,042

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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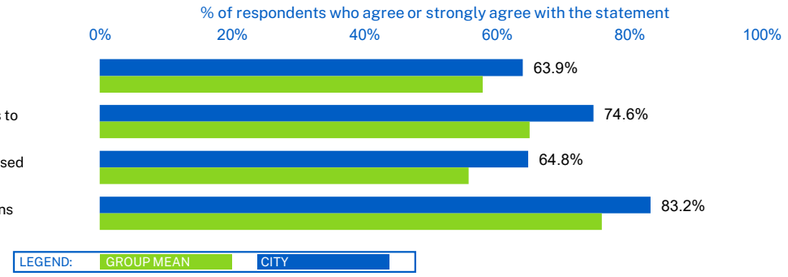


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 67.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	77.4
Recycling services are satisfactory	84.0
Public safety is not a problem	73.6
Air pollution is not a problem	57.5
Medical services provision is satisfactory	72.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.0

Mobility

Traffic congestion is not a problem	37.6
Public transport is satisfactory	68.8

Activities

Green spaces are satisfactory	76.7
Cultural activities (shows, bars, and museums) are satisfactory	84.9

Opportunities (Work & School)

Employment finding services are readily available	77.2
Most children have access to a good school	80.1
Lifelong learning opportunities are provided by local institutions	75.9
Businesses are creating new jobs	70.3
Minorities feel welcome	59.1

Governance

Information on local government decisions are easily accessible	71.4
Corruption of city officials is not an issue of concern	65.3
Residents contribute to decision making of local government	60.4
Residents provide feedback on local government projects	66.2

TECHNOLOGIES

Factor average: 58.8

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	53.6
A website or App allows residents to easily give away unwanted items	69.0
Free public wifi has improved access to city services	52.0
CCTV cameras has made residents feel safer	50.2
A website or App allows residents to effectively monitor air pollution	50.1
Arranging medical appointments online has improved access	72.5

Mobility

Car-sharing Apps have reduced congestion	44.9
Apps that direct you to an available parking space have reduced journey time	45.4
Bicycle hiring has reduced congestion	52.1
Online scheduling and ticket sales has made public transport easier to use	71.1
The city provides information on traffic congestion through mobile phones	48.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.4
IT skills are taught well in schools	64.9
Online services provided by the city has made it easier to start a new business	51.7
The current internet speed and reliability meet connectivity needs	74.6

Governance

Online public access to city finances has reduced corruption	52.3
Online voting has increased participation	52.4
An online platform where residents can propose ideas has improved city life	56.3
Processing Identification Documents online has reduced waiting times	60.7

Delhi

SMART CITY RANKING

110

out of 148

104 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

10,742,000 – 33,810,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.734*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

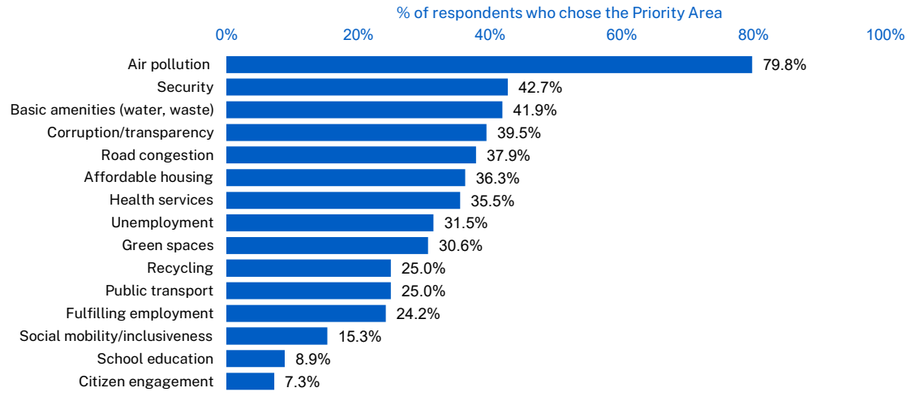
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

India	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.651	0.652	0.647	0.676	0.685	+0.009
Life expectancy at birth	70.7	70.2	67.3	71.7	72.0	+0.31
Expected years of schooling	11.8	12.1	12.4	13.0	13.0	-0.00
Mean years of schooling	6.3	6.5	6.5	6.6	6.9	+0.31
GNI per capita (PPP $)	7,895	7,332	7,993	8,476	9,047	+571

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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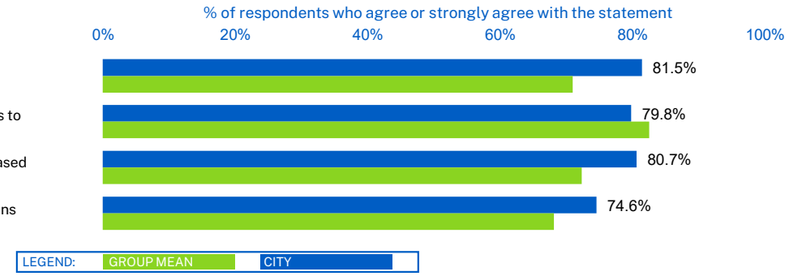


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	65.8
Recycling services are satisfactory	64.7
Public safety is not a problem	36.9
Air pollution is not a problem	17.6
Medical services provision is satisfactory	71.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	46.0

Mobility

Traffic congestion is not a problem	26.6
Public transport is satisfactory	70.9

Activities

Green spaces are satisfactory	64.1
Cultural activities (shows, bars, and museums) are satisfactory	75.0

Opportunities (Work & School)

Employment finding services are readily available	68.6
Most children have access to a good school	70.8
Lifelong learning opportunities are provided by local institutions	64.5
Businesses are creating new jobs	72.7
Minorities feel welcome	69.2

Governance

Information on local government decisions are easily accessible	71.0
Corruption of city officials is not an issue of concern	36.8
Residents contribute to decision making of local government	62.0
Residents provide feedback on local government projects	64.3

TECHNOLOGIES

Factor average: 70.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	64.4
A website or App allows residents to easily give away unwanted items	62.5
Free public wifi has improved access to city services	61.0
CCTV cameras has made residents feel safer	77.1
A website or App allows residents to effectively monitor air pollution	64.3
Arranging medical appointments online has improved access	77.5

Mobility

Car-sharing Apps have reduced congestion	65.3
Apps that direct you to an available parking space have reduced journey time	65.7
Bicycle hiring has reduced congestion	64.7
Online scheduling and ticket sales has made public transport easier to use	79.7
The city provides information on traffic congestion through mobile phones	70.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	77.1
IT skills are taught well in schools	71.1
Online services provided by the city has made it easier to start a new business	74.7
The current internet speed and reliability meet connectivity needs	79.7

Governance

Online public access to city finances has reduced corruption	63.2
Online voting has increased participation	68.4
An online platform where residents can propose ideas has improved city life	70.0
Processing Identification Documents online has reduced waiting times	76.7

Denver

SMART CITY RANKING

78

out of 148

68 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

707,000 – 2,691,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.952*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

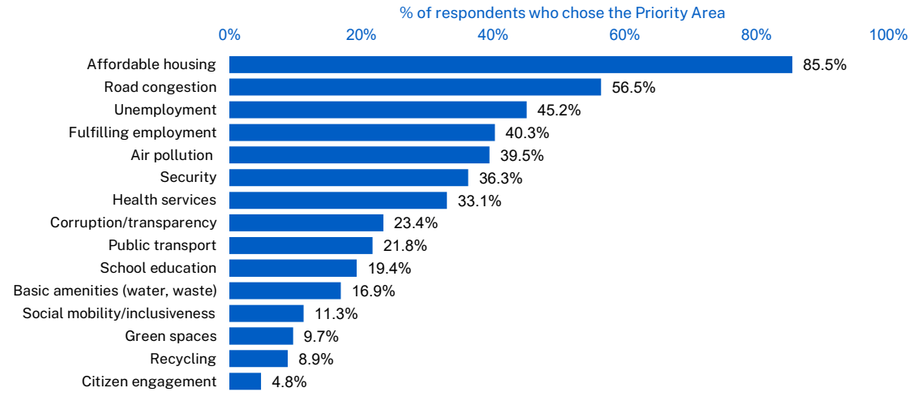
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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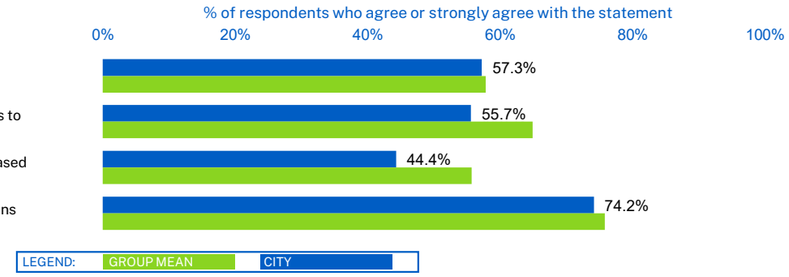


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 51.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	56.6
Recycling services are satisfactory	63.3
Public safety is not a problem	31.0
Air pollution is not a problem	29.7
Medical services provision is satisfactory	61.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	19.7

Mobility

Traffic congestion is not a problem	16.3
Public transport is satisfactory	48.7

Activities

Green spaces are satisfactory	63.0
Cultural activities (shows, bars, and museums) are satisfactory	77.0

Opportunities (Work & School)

Employment finding services are readily available	61.2
Most children have access to a good school	61.8
Lifelong learning opportunities are provided by local institutions	61.8
Businesses are creating new jobs	54.8
Minorities feel welcome	61.0

Governance

Information on local government decisions are easily accessible	59.8
Corruption of city officials is not an issue of concern	39.7
Residents contribute to decision making of local government	48.9
Residents provide feedback on local government projects	61.6

TECHNOLOGIES

Factor average: 49.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	39.0
A website or App allows residents to easily give away unwanted items	57.8
Free public wifi has improved access to city services	43.4
CCTV cameras has made residents feel safer	45.1
A website or App allows residents to effectively monitor air pollution	40.1
Arranging medical appointments online has improved access	63.0

Mobility

Car-sharing Apps have reduced congestion	39.4
Apps that direct you to an available parking space have reduced journey time	36.4
Bicycle hiring has reduced congestion	35.6
Online scheduling and ticket sales has made public transport easier to use	55.9
The city provides information on traffic congestion through mobile phones	53.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	72.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.3
IT skills are taught well in schools	44.2
Online services provided by the city has made it easier to start a new business	42.1
The current internet speed and reliability meet connectivity needs	68.8

Governance

Online public access to city finances has reduced corruption	36.8
Online voting has increased participation	50.9
An online platform where residents can propose ideas has improved city life	41.2
Processing Identification Documents online has reduced waiting times	56.8

Doha

SMART CITY RANKING

34

out of 148

33 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,186,000 – 1,950,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.875*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

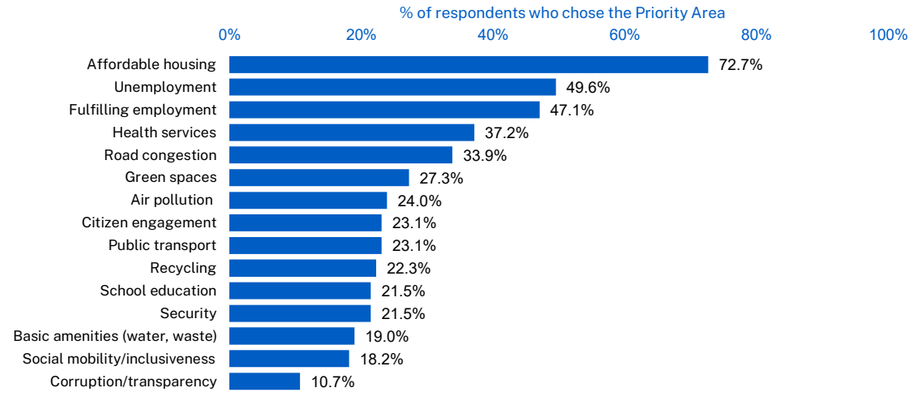
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Qatar	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.880	0.872	0.866	0.883	0.886	+0.003
Life expectancy at birth	82.9	80.4	81.1	81.9	82.4	+0.51
Expected years of schooling	13.2	13.3	12.2	13.1	13.1	+0.00
Mean years of schooling	10.1	10.4	10.6	10.8	10.8	+0.00
GNI per capita (PPP $)	108,957	105,292	107,192	106,502	105,353	-1,148

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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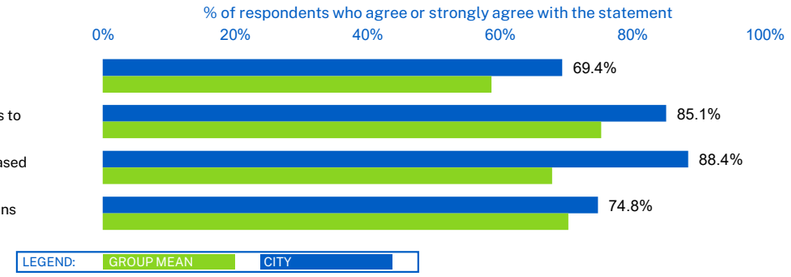


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	85.9
Recycling services are satisfactory	82.7
Public safety is not a problem	68.3
Air pollution is not a problem	52.5
Medical services provision is satisfactory	86.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	51.2

Mobility

Traffic congestion is not a problem	57.1
Public transport is satisfactory	86.4

Activities

Green spaces are satisfactory	82.6
Cultural activities (shows, bars, and museums) are satisfactory	85.3

Opportunities (Work & School)

Employment finding services are readily available	63.0
Most children have access to a good school	83.0
Lifelong learning opportunities are provided by local institutions	75.0
Businesses are creating new jobs	67.9
Minorities feel welcome	75.9

Governance

Information on local government decisions are easily accessible	82.1
Corruption of city officials is not an issue of concern	66.9
Residents contribute to decision making of local government	54.9
Residents provide feedback on local government projects	64.9

TECHNOLOGIES

Factor average: 73.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	76.8
A website or App allows residents to easily give away unwanted items	74.6
Free public wifi has improved access to city services	71.1
CCTV cameras has made residents feel safer	85.7
A website or App allows residents to effectively monitor air pollution	59.7
Arranging medical appointments online has improved access	81.9

Mobility

Car-sharing Apps have reduced congestion	69.7
Apps that direct you to an available parking space have reduced journey time	67.7
Bicycle hiring has reduced congestion	62.2
Online scheduling and ticket sales has made public transport easier to use	78.5
The city provides information on traffic congestion through mobile phones	71.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	87.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.8
IT skills are taught well in schools	74.8
Online services provided by the city has made it easier to start a new business	75.2
The current internet speed and reliability meet connectivity needs	85.9

Governance

Online public access to city finances has reduced corruption	67.9
Online voting has increased participation	64.4
An online platform where residents can propose ideas has improved city life	64.8
Processing Identification Documents online has reduced waiting times	81.5

Dubai

SMART CITY RANKING

6

out of 148

4 in 2025
out of 146

SMART CITY RATING

A

A in 2025

FACTOR RATINGS

A

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

3,261,000 – 3,790,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.937*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

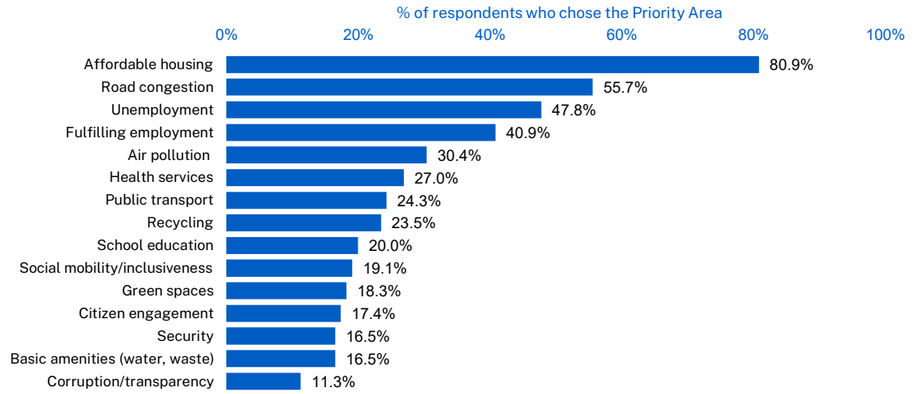
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Arab Emirates	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.915	0.909	0.903	0.921	0.940	+0.019
Life expectancy at birth	82.6	81.9	79.1	80.5	82.9	+2.42
Expected years of schooling	13.5	13.5	14.2	14.9	15.6	+0.69
Mean years of schooling	12.7	12.7	12.8	13.0	13.0	+0.00
GNI per capita (PPP $)	72,885	68,049	68,790	70,818	71,142	+324

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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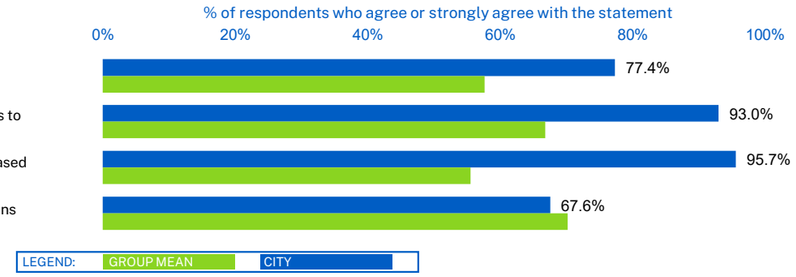


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	84.0
Recycling services are satisfactory	85.9
Public safety is not a problem	66.1
Air pollution is not a problem	47.3
Medical services provision is satisfactory	84.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	46.9

Mobility

Traffic congestion is not a problem	36.1
Public transport is satisfactory	82.2

Activities

Green spaces are satisfactory	84.4
Cultural activities (shows, bars, and museums) are satisfactory	87.8

Opportunities (Work & School)

Employment finding services are readily available	67.5
Most children have access to a good school	80.0
Lifelong learning opportunities are provided by local institutions	75.5
Businesses are creating new jobs	77.0
Minorities feel welcome	82.8

Governance

Information on local government decisions are easily accessible	87.8
Corruption of city officials is not an issue of concern	67.4
Residents contribute to decision making of local government	67.9
Residents provide feedback on local government projects	74.7

TECHNOLOGIES

Factor average: 80.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	80.9
A website or App allows residents to easily give away unwanted items	77.2
Free public wifi has improved access to city services	79.2
CCTV cameras has made residents feel safer	91.0
A website or App allows residents to effectively monitor air pollution	67.7
Arranging medical appointments online has improved access	85.9

Mobility

Car-sharing Apps have reduced congestion	71.6
Apps that direct you to an available parking space have reduced journey time	76.0
Bicycle hiring has reduced congestion	71.5
Online scheduling and ticket sales has made public transport easier to use	81.8
The city provides information on traffic congestion through mobile phones	83.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	89.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	79.7
IT skills are taught well in schools	80.6
Online services provided by the city has made it easier to start a new business	83.1
The current internet speed and reliability meet connectivity needs	89.3

Governance

Online public access to city finances has reduced corruption	76.4
Online voting has increased participation	70.9
An online platform where residents can propose ideas has improved city life	78.1
Processing Identification Documents online has reduced waiting times	87.1

Dublin

SMART CITY RANKING

49

out of 148

66 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

592,000 – 1,280,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.954*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

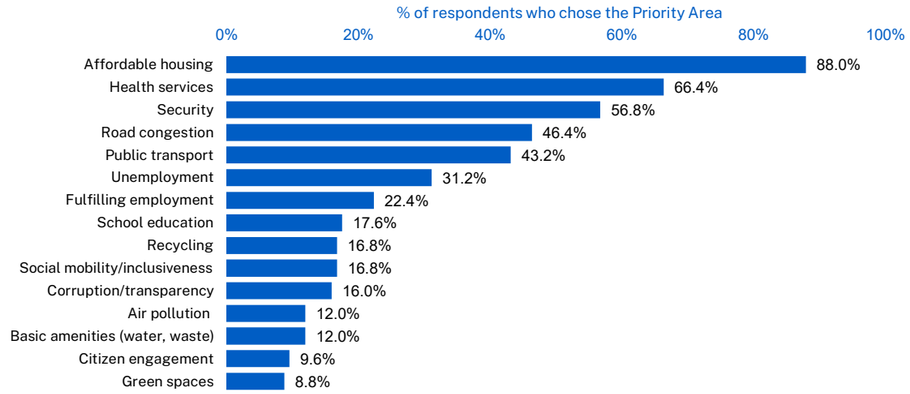
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Ireland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.948	0.946	0.947	0.949	+0.002
Life expectancy at birth	82.4	82.4	81.9	82.1	82.4	+0.36
Expected years of schooling	19.2	19.1	19.4	19.2	19.2	+0.00
Mean years of schooling	11.6	11.7	11.7	11.7	11.7	+0.00
GNI per capita (PPP $)	75,920	77,741	85,210	87,922	90,885	+2,963

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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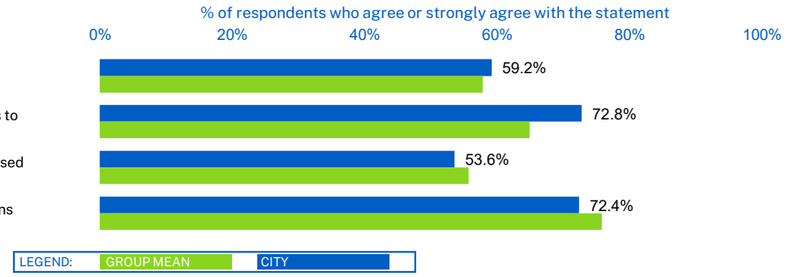


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 51.8

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	65.4
Recycling services are satisfactory	68.8
Public safety is not a problem	32.9
Air pollution is not a problem	45.7
Medical services provision is satisfactory	44.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	15.7

Mobility

Traffic congestion is not a problem	19.9
Public transport is satisfactory	44.4

Activities

Green spaces are satisfactory	63.7
Cultural activities (shows, bars, and museums) are satisfactory	70.7

Opportunities (Work & School)

Employment finding services are readily available	66.2
Most children have access to a good school	67.7
Lifelong learning opportunities are provided by local institutions	65.6
Businesses are creating new jobs	63.7
Minorities feel welcome	53.5

Governance

Information on local government decisions are easily accessible	56.5
Corruption of city officials is not an issue of concern	40.8
Residents contribute to decision making of local government	43.5
Residents provide feedback on local government projects	54.9

TECHNOLOGIES

Factor average: 54.1

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	41.5
A website or App allows residents to easily give away unwanted items	63.9
Free public wifi has improved access to city services	54.3
CCTV cameras has made residents feel safer	53.0
A website or App allows residents to effectively monitor air pollution	35.9
Arranging medical appointments online has improved access	52.1

Mobility

Car-sharing Apps have reduced congestion	38.4
Apps that direct you to an available parking space have reduced journey time	41.4
Bicycle hiring has reduced congestion	54.8
Online scheduling and ticket sales has made public transport easier to use	62.0
The city provides information on traffic congestion through mobile phones	52.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.3
IT skills are taught well in schools	55.8
Online services provided by the city has made it easier to start a new business	54.7
The current internet speed and reliability meet connectivity needs	74.2

Governance

Online public access to city finances has reduced corruption	42.8
Online voting has increased participation	41.6
An online platform where residents can propose ideas has improved city life	43.6
Processing Identification Documents online has reduced waiting times	67.5

Dusseldorf

SMART CITY RANKING

43

out of 148

45 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

A

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

631,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.946*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

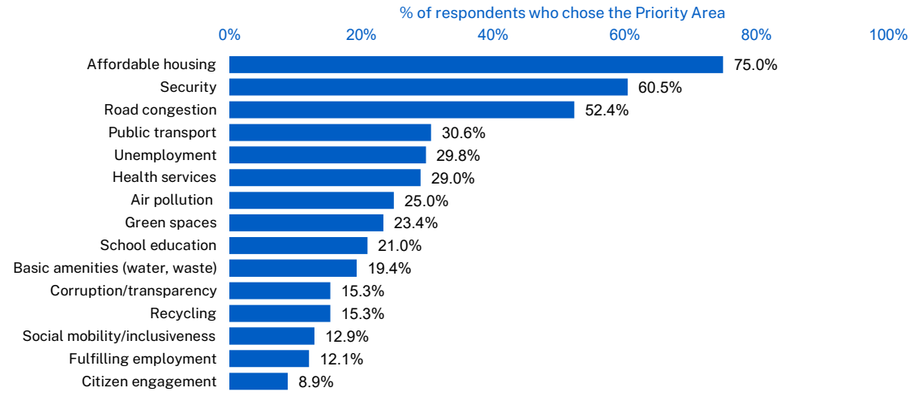
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Germany	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.957	0.955	0.958	0.955	0.959	+0.004
Life expectancy at birth	81.2	81.0	81.1	80.6	81.4	+0.80
Expected years of schooling	17.2	17.2	17.3	17.3	17.3	+0.00
Mean years of schooling	14.2	14.3	14.3	14.3	14.3	+0.00
GNI per capita (PPP $)	65,153	62,478	64,326	63,619	64,053	+435

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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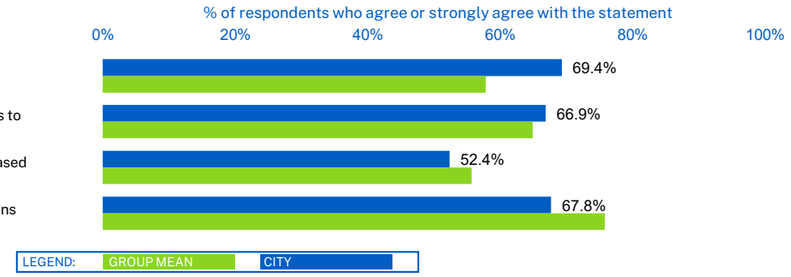


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 57.8

Score

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	71.4
Recycling services are satisfactory	74.1
Public safety is not a problem	49.1
Air pollution is not a problem	48.9
Medical services provision is satisfactory	70.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.8

Mobility

	Score
Traffic congestion is not a problem	37.8
Public transport is satisfactory	55.0

Activities

	Score
Green spaces are satisfactory	65.7
Cultural activities (shows, bars, and museums) are satisfactory	76.7

Opportunities (Work & School)

	Score
Employment finding services are readily available	61.5
Most children have access to a good school	63.5
Lifelong learning opportunities are provided by local institutions	59.7
Businesses are creating new jobs	60.4
Minorities feel welcome	56.1

Governance

	Score
Information on local government decisions are easily accessible	56.8
Corruption of city officials is not an issue of concern	54.3
Residents contribute to decision making of local government	53.1
Residents provide feedback on local government projects	56.2

TECHNOLOGIES

Factor average: 53.5

Score

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	49.9
A website or App allows residents to easily give away unwanted items	57.7
Free public wifi has improved access to city services	52.1
CCTV cameras has made residents feel safer	48.0
A website or App allows residents to effectively monitor air pollution	42.8
Arranging medical appointments online has improved access	58.8

Mobility

	Score
Car-sharing Apps have reduced congestion	43.5
Apps that direct you to an available parking space have reduced journey time	45.9
Bicycle hiring has reduced congestion	46.6
Online scheduling and ticket sales has made public transport easier to use	62.3
The city provides information on traffic congestion through mobile phones	53.6

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	73.2

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	63.6
IT skills are taught well in schools	50.5
Online services provided by the city has made it easier to start a new business	49.1
The current internet speed and reliability meet connectivity needs	62.2

Governance

	Score
Online public access to city finances has reduced corruption	43.8
Online voting has increased participation	59.3
An online platform where residents can propose ideas has improved city life	51.3
Processing Identification Documents online has reduced waiting times	55.7

Geneva

SMART CITY RANKING

3

out of 148

3 in 2025
out of 146

SMART CITY RATING

AA

AAA in 2025

FACTOR RATINGS

AAA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

204,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.973*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

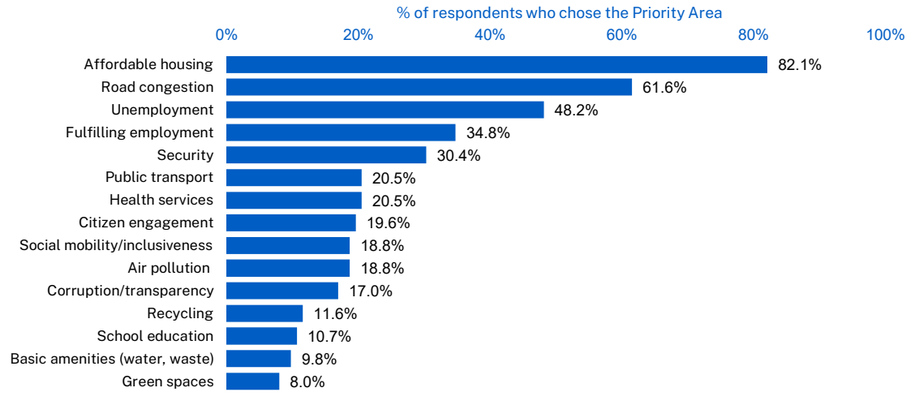
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Switzerland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.965	0.963	0.968	0.966	0.970	+0.004
Life expectancy at birth	83.8	83.1	83.6	83.2	84.0	+0.75
Expected years of schooling	16.3	16.4	16.6	16.7	16.7	+0.00
Mean years of schooling	13.9	13.9	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	78,234	74,518	80,308	82,400	81,949	-451

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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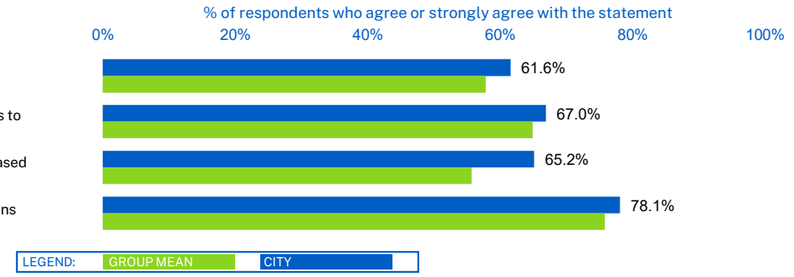


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 70.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	77.9
Recycling services are satisfactory	84.3
Public safety is not a problem	73.1
Air pollution is not a problem	64.7
Medical services provision is satisfactory	79.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.7

Mobility

Traffic congestion is not a problem	37.1
Public transport is satisfactory	76.1

Activities

Green spaces are satisfactory	84.6
Cultural activities (shows, bars, and museums) are satisfactory	82.6

Opportunities (Work & School)

Employment finding services are readily available	67.8
Most children have access to a good school	87.7
Lifelong learning opportunities are provided by local institutions	78.0
Businesses are creating new jobs	59.1
Minorities feel welcome	66.6

Governance

Information on local government decisions are easily accessible	73.6
Corruption of city officials is not an issue of concern	58.8
Residents contribute to decision making of local government	74.5
Residents provide feedback on local government projects	78.5

TECHNOLOGIES

Factor average: 59.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	52.0
A website or App allows residents to easily give away unwanted items	68.0
Free public wifi has improved access to city services	59.0
CCTV cameras has made residents feel safer	55.0
A website or App allows residents to effectively monitor air pollution	54.7
Arranging medical appointments online has improved access	72.4

Mobility

Car-sharing Apps have reduced congestion	40.8
Apps that direct you to an available parking space have reduced journey time	43.0
Bicycle hiring has reduced congestion	51.6
Online scheduling and ticket sales has made public transport easier to use	78.5
The city provides information on traffic congestion through mobile phones	53.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	64.3
IT skills are taught well in schools	63.4
Online services provided by the city has made it easier to start a new business	51.6
The current internet speed and reliability meet connectivity needs	81.1

Governance

Online public access to city finances has reduced corruption	46.4
Online voting has increased participation	52.1
An online platform where residents can propose ideas has improved city life	51.3
Processing Identification Documents online has reduced waiting times	71.2

Glasgow

SMART CITY RANKING

91

out of 148

95 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

625,000 – 1,710,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.933*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

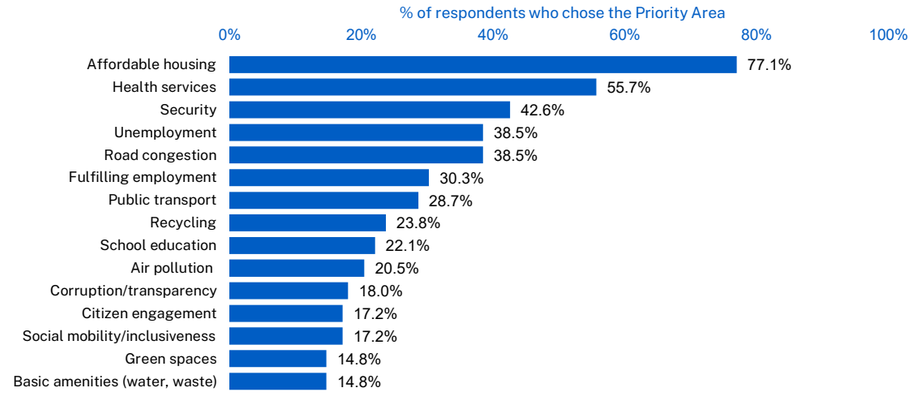
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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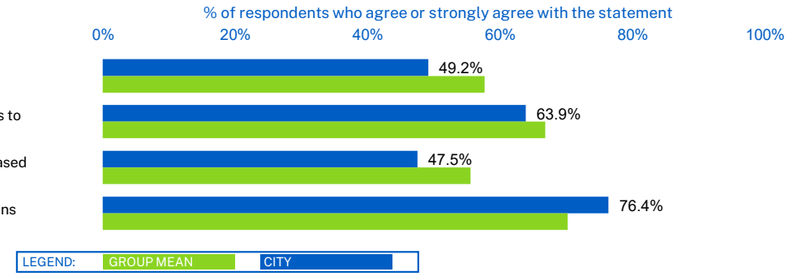


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 52.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	59.9
Recycling services are satisfactory	57.1
Public safety is not a problem	41.6
Air pollution is not a problem	42.2
Medical services provision is satisfactory	51.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.7

Mobility

Traffic congestion is not a problem	26.5
Public transport is satisfactory	54.7

Activities

Green spaces are satisfactory	66.3
Cultural activities (shows, bars, and museums) are satisfactory	76.7

Opportunities (Work & School)

Employment finding services are readily available	61.1
Most children have access to a good school	62.4
Lifelong learning opportunities are provided by local institutions	59.2
Businesses are creating new jobs	52.9
Minorities feel welcome	64.4

Governance

Information on local government decisions are easily accessible	55.0
Corruption of city officials is not an issue of concern	42.5
Residents contribute to decision making of local government	40.5
Residents provide feedback on local government projects	49.6

TECHNOLOGIES

Factor average: 50.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	42.4
A website or App allows residents to easily give away unwanted items	63.1
Free public wifi has improved access to city services	58.9
CCTV cameras has made residents feel safer	55.9
A website or App allows residents to effectively monitor air pollution	33.1
Arranging medical appointments online has improved access	45.4

Mobility

Car-sharing Apps have reduced congestion	38.1
Apps that direct you to an available parking space have reduced journey time	36.4
Bicycle hiring has reduced congestion	39.9
Online scheduling and ticket sales has made public transport easier to use	59.2
The city provides information on traffic congestion through mobile phones	48.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	64.0
IT skills are taught well in schools	59.7
Online services provided by the city has made it easier to start a new business	45.0
The current internet speed and reliability meet connectivity needs	65.8

Governance

Online public access to city finances has reduced corruption	38.3
Online voting has increased participation	51.9
An online platform where residents can propose ideas has improved city life	43.6
Processing Identification Documents online has reduced waiting times	51.5

Gothenburg

SMART CITY RANKING

44

out of 148

40 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

585,000 – 675,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.951*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

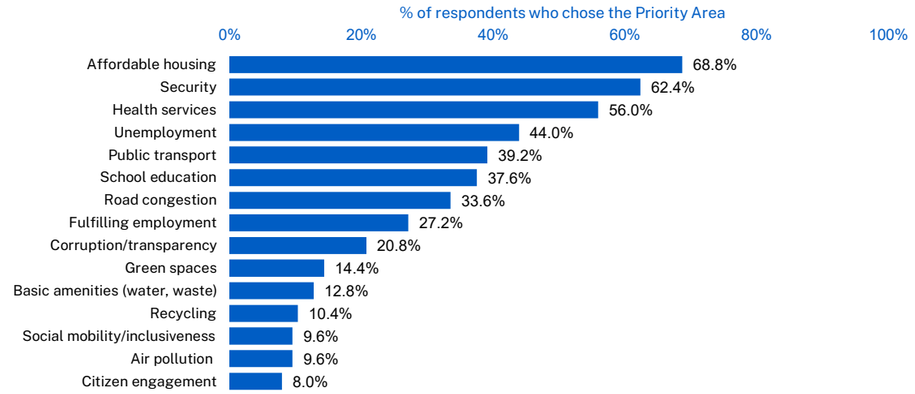
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Sweden	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.955	0.951	0.958	0.959	0.959	+0.000
Life expectancy at birth	83.1	82.4	83.0	83.0	83.3	+0.22
Expected years of schooling	18.5	18.7	19.0	19.0	19.0	+0.00
Mean years of schooling	12.6	12.7	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	63,447	62,092	66,040	67,099	66,102	-997

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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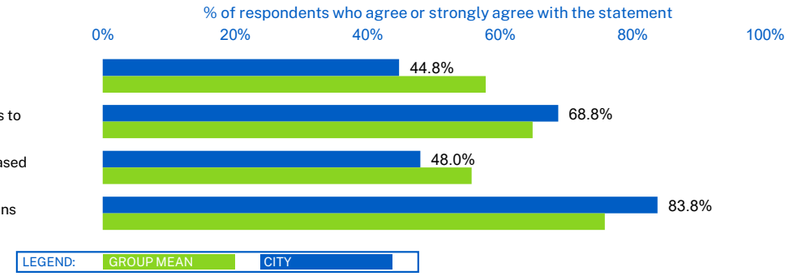


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.1

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	67.8
Recycling services are satisfactory	70.4
Public safety is not a problem	46.1
Air pollution is not a problem	54.1
Medical services provision is satisfactory	57.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	27.6

Mobility

	Score
Traffic congestion is not a problem	28.7
Public transport is satisfactory	49.4

Activities

	Score
Green spaces are satisfactory	77.0
Cultural activities (shows, bars, and museums) are satisfactory	75.0

Opportunities (Work & School)

	Score
Employment finding services are readily available	62.7
Most children have access to a good school	65.0
Lifelong learning opportunities are provided by local institutions	64.5
Businesses are creating new jobs	60.2
Minorities feel welcome	59.6

Governance

	Score
Information on local government decisions are easily accessible	59.1
Corruption of city officials is not an issue of concern	46.3
Residents contribute to decision making of local government	43.1
Residents provide feedback on local government projects	52.5

TECHNOLOGIES

Factor average: 52.7

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	49.0
A website or App allows residents to easily give away unwanted items	62.3
Free public wifi has improved access to city services	57.1
CCTV cameras has made residents feel safer	48.6
A website or App allows residents to effectively monitor air pollution	37.8
Arranging medical appointments online has improved access	58.9

Mobility

	Score
Car-sharing Apps have reduced congestion	30.8
Apps that direct you to an available parking space have reduced journey time	41.4
Bicycle hiring has reduced congestion	44.1
Online scheduling and ticket sales has made public transport easier to use	69.7
The city provides information on traffic congestion through mobile phones	54.5

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	77.4

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	61.5
IT skills are taught well in schools	56.7
Online services provided by the city has made it easier to start a new business	48.8
The current internet speed and reliability meet connectivity needs	68.7

Governance

	Score
Online public access to city finances has reduced corruption	40.0
Online voting has increased participation	46.9
An online platform where residents can propose ideas has improved city life	49.3
Processing Identification Documents online has reduced waiting times	50.3

Guangzhou

SMART CITY RANKING

51

out of 148

55 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

17,655,000 – 26,940,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.813*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

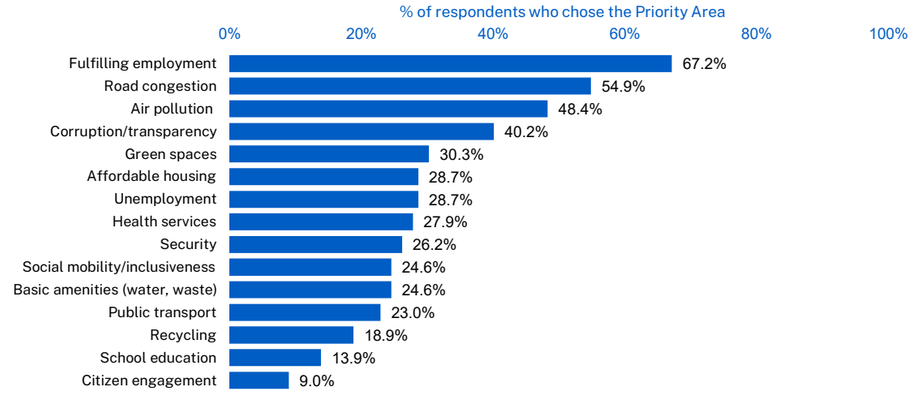
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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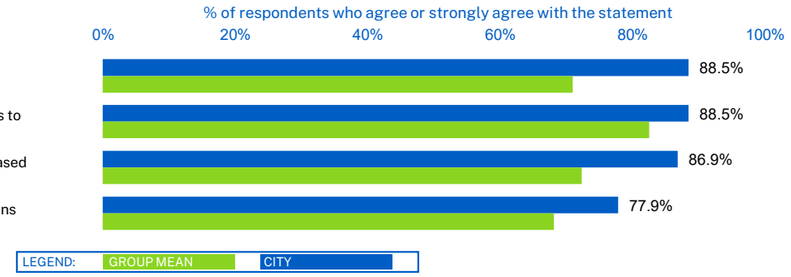


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 76.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	87.6
Recycling services are satisfactory	78.4
Public safety is not a problem	76.6
Air pollution is not a problem	66.0
Medical services provision is satisfactory	84.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	75.0

Mobility

Traffic congestion is not a problem	54.9
Public transport is satisfactory	73.0

Activities

Green spaces are satisfactory	84.9
Cultural activities (shows, bars, and museums) are satisfactory	84.3

Opportunities (Work & School)

Employment finding services are readily available	81.9
Most children have access to a good school	80.2
Lifelong learning opportunities are provided by local institutions	71.4
Businesses are creating new jobs	79.1
Minorities feel welcome	83.5

Governance

Information on local government decisions are easily accessible	82.2
Corruption of city officials is not an issue of concern	61.9
Residents contribute to decision making of local government	71.5
Residents provide feedback on local government projects	79.5

TECHNOLOGIES

Factor average: 81.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	81.9
A website or App allows residents to easily give away unwanted items	78.2
Free public wifi has improved access to city services	79.4
CCTV cameras has made residents feel safer	84.1
A website or App allows residents to effectively monitor air pollution	79.1
Arranging medical appointments online has improved access	85.4

Mobility

Car-sharing Apps have reduced congestion	71.6
Apps that direct you to an available parking space have reduced journey time	81.3
Bicycle hiring has reduced congestion	78.8
Online scheduling and ticket sales has made public transport easier to use	86.0
The city provides information on traffic congestion through mobile phones	86.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	88.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	81.5
IT skills are taught well in schools	79.7
Online services provided by the city has made it easier to start a new business	79.4
The current internet speed and reliability meet connectivity needs	87.8

Governance

Online public access to city finances has reduced corruption	72.2
Online voting has increased participation	77.1
An online platform where residents can propose ideas has improved city life	80.8
Processing Identification Documents online has reduced waiting times	88.5

Guatemala City

SMART CITY RANKING

147

out of 148

144 in 2025
out of 146

SMART CITY RATING

D

D in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,165,000 – 3,160,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.723*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

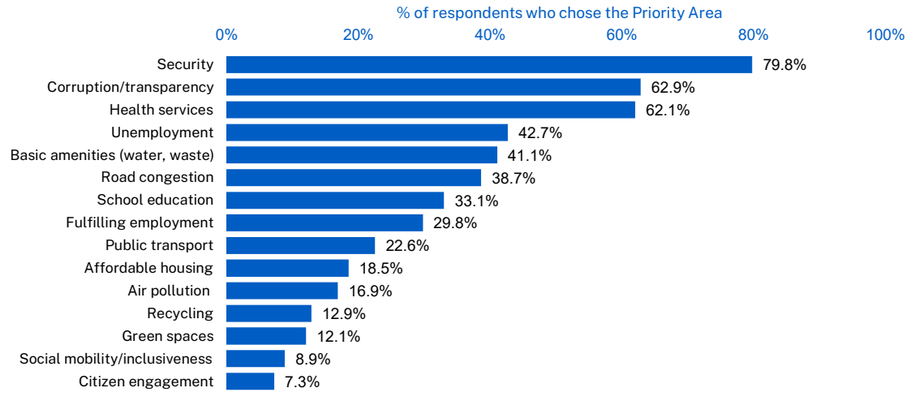
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Guatemala	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.653	0.645	0.639	0.655	0.662	+0.007
Life expectancy at birth	71.6	70.0	67.9	71.2	72.6	+1.40
Expected years of schooling	10.8	10.8	10.7	10.7	10.7	-0.03
Mean years of schooling	5.7	5.7	5.8	5.8	5.8	+0.00
GNI per capita (PPP $)	11,546	11,166	11,806	12,171	12,459	+288

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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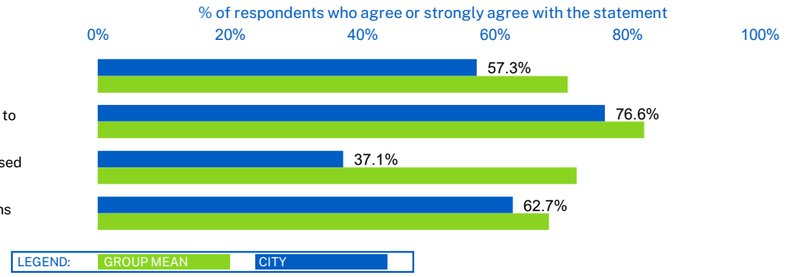


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 36.2

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	34.6
Recycling services are satisfactory	44.5
Public safety is not a problem	23.6
Air pollution is not a problem	30.1
Medical services provision is satisfactory	32.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	32.4

Mobility

Traffic congestion is not a problem	21.7
Public transport is satisfactory	29.6

Activities

Green spaces are satisfactory	63.4
Cultural activities (shows, bars, and museums) are satisfactory	62.0

Opportunities (Work & School)

Employment finding services are readily available	51.5
Most children have access to a good school	25.8
Lifelong learning opportunities are provided by local institutions	41.4
Businesses are creating new jobs	46.9
Minorities feel welcome	34.5

Governance

Information on local government decisions are easily accessible	38.6
Corruption of city officials is not an issue of concern	16.0
Residents contribute to decision making of local government	27.3
Residents provide feedback on local government projects	30.2

TECHNOLOGIES

Factor average: 44.2

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	35.6
A website or App allows residents to easily give away unwanted items	39.9
Free public wifi has improved access to city services	38.6
CCTV cameras has made residents feel safer	42.5
A website or App allows residents to effectively monitor air pollution	31.7
Arranging medical appointments online has improved access	53.7

Mobility

Car-sharing Apps have reduced congestion	34.3
Apps that direct you to an available parking space have reduced journey time	41.2
Bicycle hiring has reduced congestion	29.0
Online scheduling and ticket sales has made public transport easier to use	44.3
The city provides information on traffic congestion through mobile phones	53.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	68.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.6
IT skills are taught well in schools	44.6
Online services provided by the city has made it easier to start a new business	50.1
The current internet speed and reliability meet connectivity needs	59.6

Governance

Online public access to city finances has reduced corruption	25.0
Online voting has increased participation	32.3
An online platform where residents can propose ideas has improved city life	33.3
Processing Identification Documents online has reduced waiting times	63.6

Hafar Al Batin

SMART CITY RANKING

100

out of 148

not in 2025

SMART CITY RATING

CCC

not in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

410,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.862*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

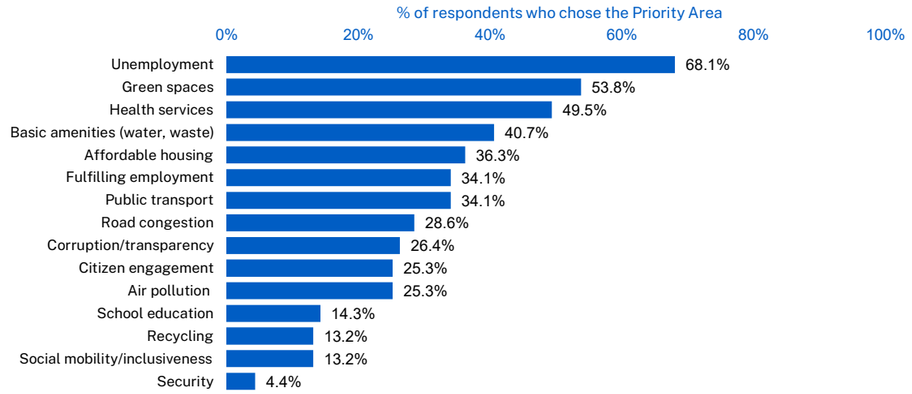
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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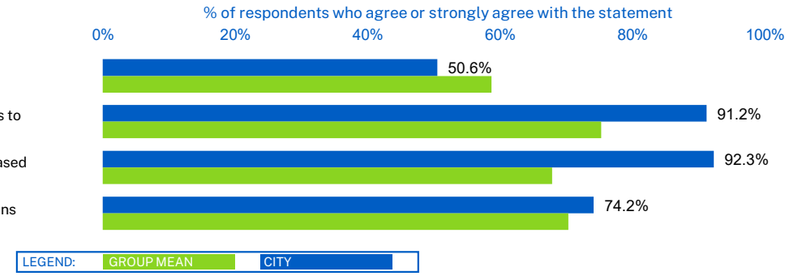


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 53.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.5
Recycling services are satisfactory	63.4
Public safety is not a problem	40.5
Air pollution is not a problem	28.9
Medical services provision is satisfactory	68.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	53.3

Mobility

Traffic congestion is not a problem	38.1
Public transport is satisfactory	47.6

Activities

Green spaces are satisfactory	48.4
Cultural activities (shows, bars, and museums) are satisfactory	52.8

Opportunities (Work & School)

Employment finding services are readily available	33.3
Most children have access to a good school	76.2
Lifelong learning opportunities are provided by local institutions	71.1
Businesses are creating new jobs	35.0
Minorities feel welcome	67.2

Governance

Information on local government decisions are easily accessible	73.4
Corruption of city officials is not an issue of concern	36.4
Residents contribute to decision making of local government	50.7
Residents provide feedback on local government projects	53.1

TECHNOLOGIES

Factor average: 63.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	72.9
A website or App allows residents to easily give away unwanted items	69.0
Free public wifi has improved access to city services	58.4
CCTV cameras has made residents feel safer	72.5
A website or App allows residents to effectively monitor air pollution	57.3
Arranging medical appointments online has improved access	84.6

Mobility

Car-sharing Apps have reduced congestion	62.1
Apps that direct you to an available parking space have reduced journey time	63.6
Bicycle hiring has reduced congestion	44.5
Online scheduling and ticket sales has made public transport easier to use	65.4
The city provides information on traffic congestion through mobile phones	50.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	55.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	56.2
IT skills are taught well in schools	65.9
Online services provided by the city has made it easier to start a new business	65.2
The current internet speed and reliability meet connectivity needs	65.7

Governance

Online public access to city finances has reduced corruption	59.5
Online voting has increased participation	66.3
An online platform where residents can propose ideas has improved city life	63.2
Processing Identification Documents online has reduced waiting times	77.5

Hail

SMART CITY RANKING

33

out of 148

not in 2025

SMART CITY RATING

BB

not in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

420,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.889*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

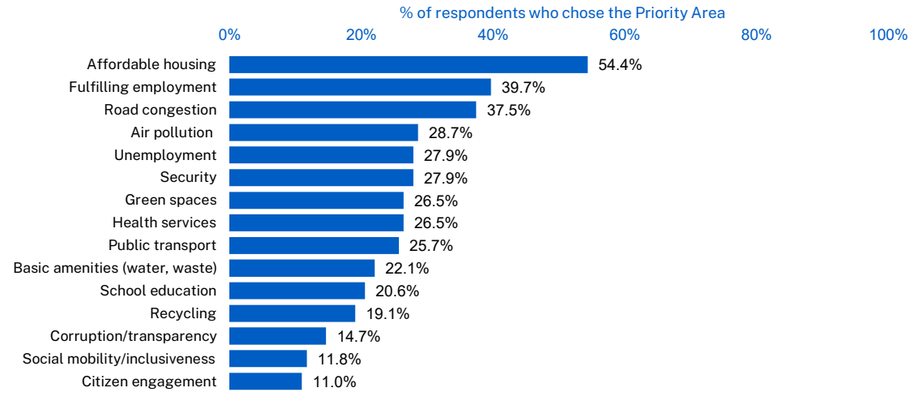
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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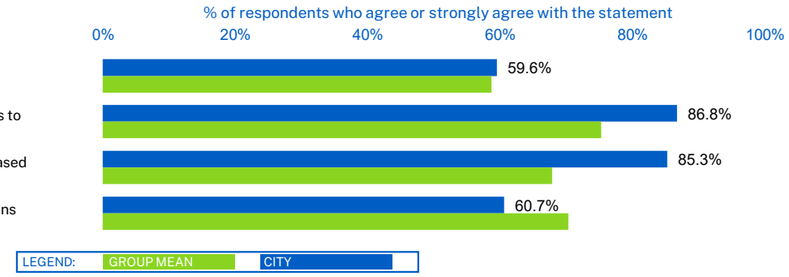

LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 68.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	77.2
Recycling services are satisfactory	72.9
Public safety is not a problem	49.6
Air pollution is not a problem	37.1
Medical services provision is satisfactory	78.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	59.6

Mobility

Traffic congestion is not a problem	42.8
Public transport is satisfactory	70.6

Activities

Green spaces are satisfactory	77.3
Cultural activities (shows, bars, and museums) are satisfactory	81.9

Opportunities (Work & School)

Employment finding services are readily available	58.4
Most children have access to a good school	84.6
Lifelong learning opportunities are provided by local institutions	75.6
Businesses are creating new jobs	67.4
Minorities feel welcome	78.8

Governance

Information on local government decisions are easily accessible	79.4
Corruption of city officials is not an issue of concern	65.6
Residents contribute to decision making of local government	65.9
Residents provide feedback on local government projects	70.0

TECHNOLOGIES

Factor average: 73.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	75.5
A website or App allows residents to easily give away unwanted items	69.9
Free public wifi has improved access to city services	65.0
CCTV cameras has made residents feel safer	77.7
A website or App allows residents to effectively monitor air pollution	58.0
Arranging medical appointments online has improved access	82.3

Mobility

Car-sharing Apps have reduced congestion	66.0
Apps that direct you to an available parking space have reduced journey time	67.9
Bicycle hiring has reduced congestion	58.2
Online scheduling and ticket sales has made public transport easier to use	77.0
The city provides information on traffic congestion through mobile phones	70.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	82.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	75.6
IT skills are taught well in schools	75.2
Online services provided by the city has made it easier to start a new business	78.5
The current internet speed and reliability meet connectivity needs	77.2

Governance

Online public access to city finances has reduced corruption	75.3
Online voting has increased participation	75.1
An online platform where residents can propose ideas has improved city life	74.6
Processing Identification Documents online has reduced waiting times	81.5

Hamburg

SMART CITY RANKING

15

out of 148

20 in 2025
out of 146

SMART CITY RATING

BBB

AA in 2025

FACTOR RATINGS

A

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,867,000 – 2,497,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.975*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

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

Country

Germany	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.957	0.955	0.958	0.955	0.959	+0.004
Life expectancy at birth	81.2	81.0	81.1	80.6	81.4	+0.80
Expected years of schooling	17.2	17.2	17.3	17.3	17.3	+0.00
Mean years of schooling	14.2	14.3	14.3	14.3	14.3	+0.00
GNI per capita (PPP $)	65,153	62,478	64,326	63,619	64,053	+435

PRIORITY AREAS

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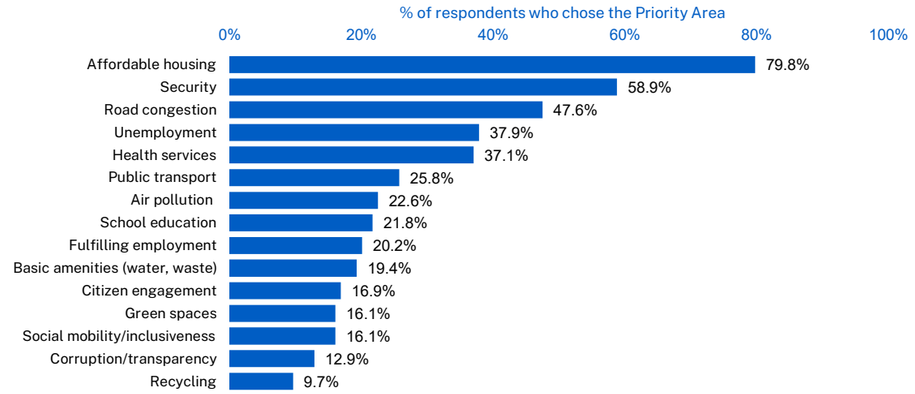

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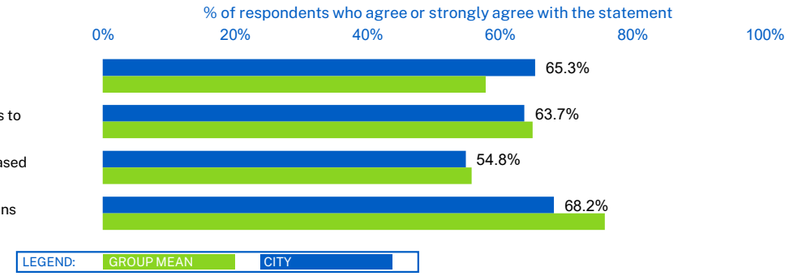


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.8

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.7
Recycling services are satisfactory	74.4
Public safety is not a problem	48.3
Air pollution is not a problem	47.7
Medical services provision is satisfactory	65.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.1

Mobility

Traffic congestion is not a problem	30.0
Public transport is satisfactory	62.7

Activities

Green spaces are satisfactory	71.2
Cultural activities (shows, bars, and museums) are satisfactory	83.7

Opportunities (Work & School)

Employment finding services are readily available	63.4
Most children have access to a good school	66.3
Lifelong learning opportunities are provided by local institutions	63.2
Businesses are creating new jobs	62.4
Minorities feel welcome	60.9

Governance

Information on local government decisions are easily accessible	58.8
Corruption of city officials is not an issue of concern	56.5
Residents contribute to decision making of local government	54.4
Residents provide feedback on local government projects	56.7

TECHNOLOGIES

Factor average: 51.8

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	46.1
A website or App allows residents to easily give away unwanted items	59.1
Free public wifi has improved access to city services	56.3
CCTV cameras has made residents feel safer	42.8
A website or App allows residents to effectively monitor air pollution	43.2
Arranging medical appointments online has improved access	52.6

Mobility

Car-sharing Apps have reduced congestion	40.8
Apps that direct you to an available parking space have reduced journey time	40.9
Bicycle hiring has reduced congestion	47.7
Online scheduling and ticket sales has made public transport easier to use	65.2
The city provides information on traffic congestion through mobile phones	55.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.9
IT skills are taught well in schools	47.3
Online services provided by the city has made it easier to start a new business	45.3
The current internet speed and reliability meet connectivity needs	63.3

Governance

Online public access to city finances has reduced corruption	38.8
Online voting has increased participation	49.6
An online platform where residents can propose ideas has improved city life	45.1
Processing Identification Documents online has reduced waiting times	53.4

Hangzhou

SMART CITY RANKING

62

out of 148

54 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

9,247,000 – 11,936,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.814*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

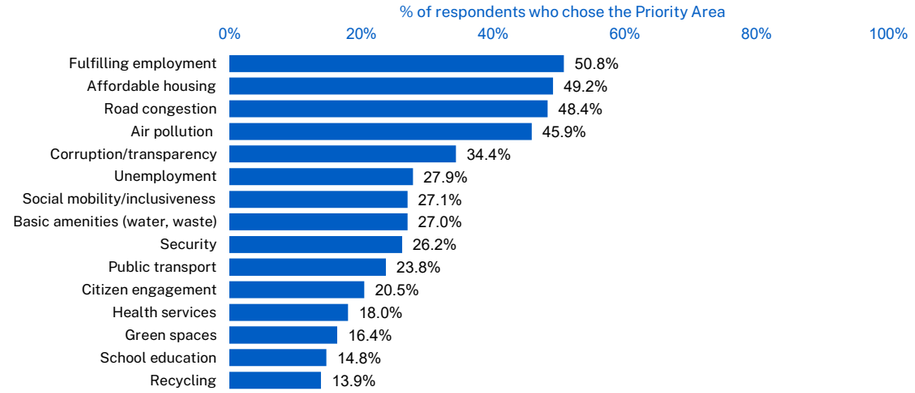
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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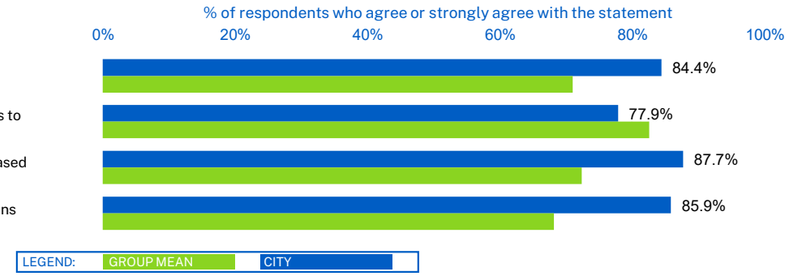


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 75.2

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	87.4
Recycling services are satisfactory	79.1
Public safety is not a problem	80.1
Air pollution is not a problem	65.0
Medical services provision is satisfactory	82.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	67.1

Mobility

Traffic congestion is not a problem	46.9
Public transport is satisfactory	70.9

Activities

Green spaces are satisfactory	86.8
Cultural activities (shows, bars, and museums) are satisfactory	85.6

Opportunities (Work & School)

Employment finding services are readily available	82.5
Most children have access to a good school	81.1
Lifelong learning opportunities are provided by local institutions	72.8
Businesses are creating new jobs	78.3
Minorities feel welcome	79.9

Governance

Information on local government decisions are easily accessible	80.0
Corruption of city officials is not an issue of concern	57.1
Residents contribute to decision making of local government	70.0
Residents provide feedback on local government projects	76.5

TECHNOLOGIES

Factor average: 80.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	83.8
A website or App allows residents to easily give away unwanted items	77.2
Free public wifi has improved access to city services	80.6
CCTV cameras has made residents feel safer	80.3
A website or App allows residents to effectively monitor air pollution	75.7
Arranging medical appointments online has improved access	87.2

Mobility

Car-sharing Apps have reduced congestion	67.2
Apps that direct you to an available parking space have reduced journey time	81.4
Bicycle hiring has reduced congestion	80.6
Online scheduling and ticket sales has made public transport easier to use	87.1
The city provides information on traffic congestion through mobile phones	83.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	90.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	82.4
IT skills are taught well in schools	78.0
Online services provided by the city has made it easier to start a new business	79.5
The current internet speed and reliability meet connectivity needs	88.3

Governance

Online public access to city finances has reduced corruption	70.1
Online voting has increased participation	75.1
An online platform where residents can propose ideas has improved city life	80.3
Processing Identification Documents online has reduced waiting times	86.1

Hanoi

SMART CITY RANKING

97

out of 148

88 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

7,583,000 – 8,587,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.768*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

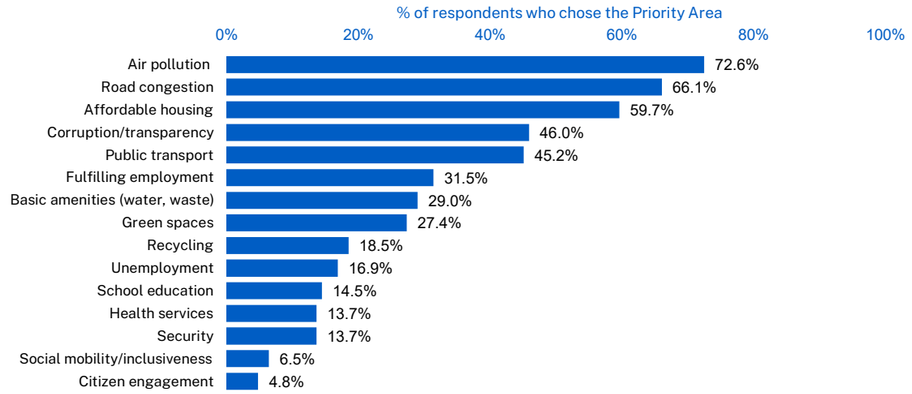
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Viet Nam	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.744	0.755	0.754	0.764	0.766	+0.002
Life expectancy at birth	74.2	75.4	74.1	74.5	74.6	+0.09
Expected years of schooling	14.8	15.0	15.2	15.5	15.5	+0.00
Mean years of schooling	8.4	8.6	8.8	9.0	9.0	+0.00
GNI per capita (PPP $)	11,203	11,516	11,605	12,490	13,033	+543

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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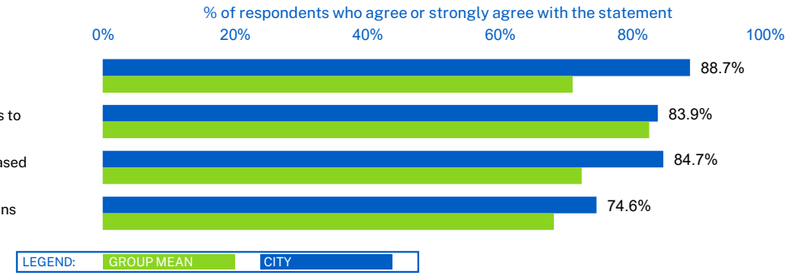


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 66.0

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	71.4
Recycling services are satisfactory	64.6
Public safety is not a problem	79.1
Air pollution is not a problem	28.9
Medical services provision is satisfactory	77.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	51.4

Mobility

Traffic congestion is not a problem	26.1
Public transport is satisfactory	54.8

Activities

Green spaces are satisfactory	67.7
Cultural activities (shows, bars, and museums) are satisfactory	79.4

Opportunities (Work & School)

Employment finding services are readily available	78.9
Most children have access to a good school	81.8
Lifelong learning opportunities are provided by local institutions	75.3
Businesses are creating new jobs	77.0
Minorities feel welcome	74.7

Governance

Information on local government decisions are easily accessible	80.7
Corruption of city officials is not an issue of concern	39.3
Residents contribute to decision making of local government	71.6
Residents provide feedback on local government projects	73.8

TECHNOLOGIES

Factor average: 74.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	71.2
A website or App allows residents to easily give away unwanted items	66.9
Free public wifi has improved access to city services	71.5
CCTV cameras has made residents feel safer	80.3
A website or App allows residents to effectively monitor air pollution	70.8
Arranging medical appointments online has improved access	81.6

Mobility

Car-sharing Apps have reduced congestion	67.1
Apps that direct you to an available parking space have reduced journey time	73.7
Bicycle hiring has reduced congestion	63.1
Online scheduling and ticket sales has made public transport easier to use	75.6
The city provides information on traffic congestion through mobile phones	67.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	85.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	83.3
IT skills are taught well in schools	77.6
Online services provided by the city has made it easier to start a new business	78.1
The current internet speed and reliability meet connectivity needs	85.5

Governance

Online public access to city finances has reduced corruption	65.5
Online voting has increased participation	68.9
An online platform where residents can propose ideas has improved city life	75.1
Processing Identification Documents online has reduced waiting times	82.0

Hanover

SMART CITY RANKING

66

out of 148

59 in 2025
out of 146

SMART CITY RATING

BB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

543,000 – 5,160,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.936*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

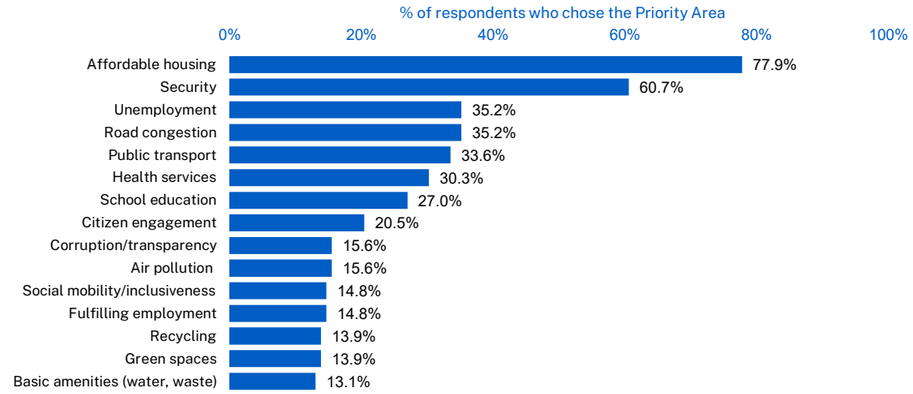
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Germany	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.957	0.955	0.958	0.955	0.959	+0.004
Life expectancy at birth	81.2	81.0	81.1	80.6	81.4	+0.80
Expected years of schooling	17.2	17.2	17.3	17.3	17.3	+0.00
Mean years of schooling	14.2	14.3	14.3	14.3	14.3	+0.00
GNI per capita (PPP $)	65,153	62,478	64,326	63,619	64,053	+435

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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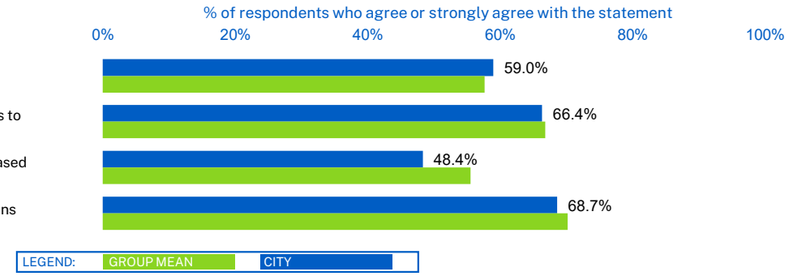


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 59.8

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	71.2
Recycling services are satisfactory	76.3
Public safety is not a problem	49.8
Air pollution is not a problem	57.6
Medical services provision is satisfactory	70.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	31.5

Mobility

Traffic congestion is not a problem	43.8
Public transport is satisfactory	64.1

Activities

Green spaces are satisfactory	75.4
Cultural activities (shows, bars, and museums) are satisfactory	78.4

Opportunities (Work & School)

Employment finding services are readily available	61.3
Most children have access to a good school	64.4
Lifelong learning opportunities are provided by local institutions	59.7
Businesses are creating new jobs	54.6
Minorities feel welcome	56.0

Governance

Information on local government decisions are easily accessible	58.5
Corruption of city officials is not an issue of concern	55.3
Residents contribute to decision making of local government	52.3
Residents provide feedback on local government projects	55.3

TECHNOLOGIES

Factor average: 50.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	47.3
A website or App allows residents to easily give away unwanted items	54.1
Free public wifi has improved access to city services	50.4
CCTV cameras has made residents feel safer	42.5
A website or App allows residents to effectively monitor air pollution	38.1
Arranging medical appointments online has improved access	55.9

Mobility

Car-sharing Apps have reduced congestion	42.1
Apps that direct you to an available parking space have reduced journey time	41.8
Bicycle hiring has reduced congestion	46.5
Online scheduling and ticket sales has made public transport easier to use	65.5
The city provides information on traffic congestion through mobile phones	52.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.8
IT skills are taught well in schools	47.4
Online services provided by the city has made it easier to start a new business	44.0
The current internet speed and reliability meet connectivity needs	65.9

Governance

Online public access to city finances has reduced corruption	39.2
Online voting has increased participation	49.1
An online platform where residents can propose ideas has improved city life	45.0
Processing Identification Documents online has reduced waiting times	51.8

Helsinki

SMART CITY RANKING

11

out of 148

11 in 2025
out of 146

SMART CITY RATING

AA

AA in 2025

FACTOR RATINGS

AA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

682,000 – 1,360,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.961*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

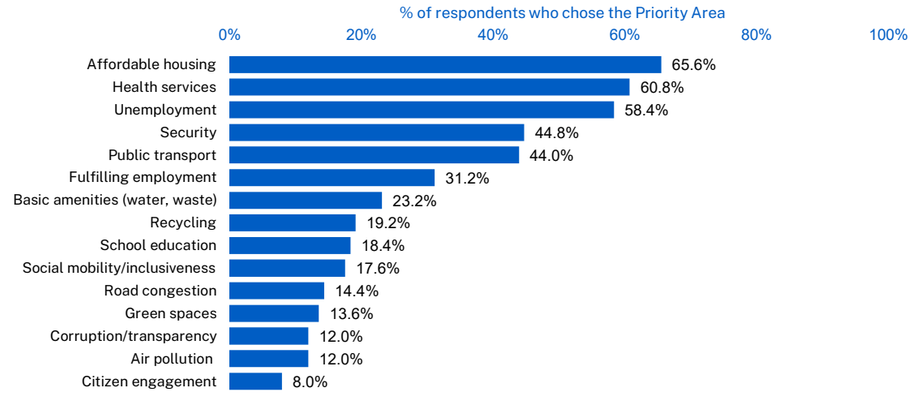
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Finland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.947	0.949	0.946	0.948	+0.002
Life expectancy at birth	81.9	81.8	81.8	81.2	81.9	+0.67
Expected years of schooling	19.0	19.0	19.2	19.5	19.5	+0.00
Mean years of schooling	12.9	12.9	13.0	13.0	13.0	+0.00
GNI per capita (PPP $)	57,745	57,261	58,692	58,412	57,068	-1,344

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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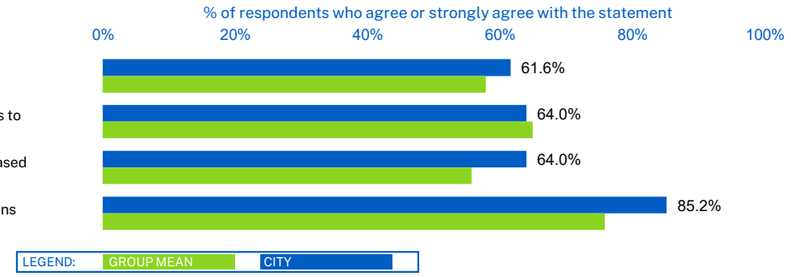


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 66.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	70.3
Recycling services are satisfactory	79.3
Public safety is not a problem	57.4
Air pollution is not a problem	68.8
Medical services provision is satisfactory	62.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	37.0

Mobility

Traffic congestion is not a problem	55.9
Public transport is satisfactory	78.1

Activities

Green spaces are satisfactory	82.2
Cultural activities (shows, bars, and museums) are satisfactory	83.8

Opportunities (Work & School)

Employment finding services are readily available	64.0
Most children have access to a good school	80.4
Lifelong learning opportunities are provided by local institutions	76.9
Businesses are creating new jobs	53.9
Minorities feel welcome	57.2

Governance

Information on local government decisions are easily accessible	66.1
Corruption of city officials is not an issue of concern	57.8
Residents contribute to decision making of local government	53.4
Residents provide feedback on local government projects	70.3

TECHNOLOGIES

Factor average: 60.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	59.1
A website or App allows residents to easily give away unwanted items	69.6
Free public wifi has improved access to city services	57.6
CCTV cameras has made residents feel safer	53.1
A website or App allows residents to effectively monitor air pollution	53.4
Arranging medical appointments online has improved access	59.3

Mobility

Car-sharing Apps have reduced congestion	44.2
Apps that direct you to an available parking space have reduced journey time	46.3
Bicycle hiring has reduced congestion	58.4
Online scheduling and ticket sales has made public transport easier to use	78.4
The city provides information on traffic congestion through mobile phones	54.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.2
IT skills are taught well in schools	66.7
Online services provided by the city has made it easier to start a new business	55.5
The current internet speed and reliability meet connectivity needs	79.5

Governance

Online public access to city finances has reduced corruption	51.7
Online voting has increased participation	51.1
An online platform where residents can propose ideas has improved city life	57.8
Processing Identification Documents online has reduced waiting times	65.5

Ho Chi Minh City

SMART CITY RANKING

105

out of 148

101 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

9,418,000 – 15,136,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.737*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

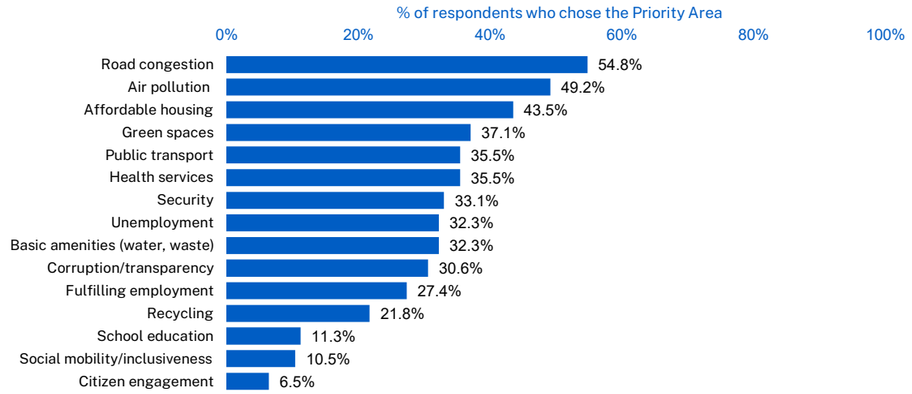
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Viet Nam	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.744	0.755	0.754	0.764	0.766	+0.002
Life expectancy at birth	74.2	75.4	74.1	74.5	74.6	+0.09
Expected years of schooling	14.8	15.0	15.2	15.5	15.5	+0.00
Mean years of schooling	8.4	8.6	8.8	9.0	9.0	+0.00
GNI per capita (PPP $)	11,203	11,516	11,605	12,490	13,033	+543

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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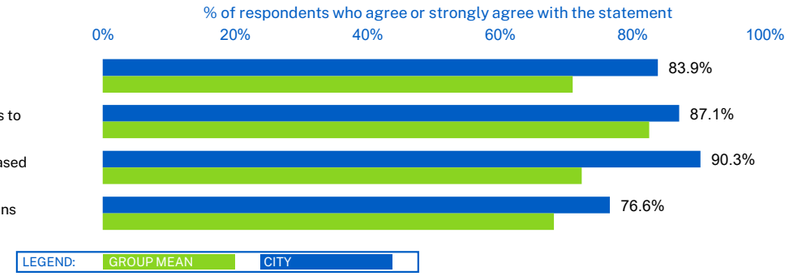


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 65.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	72.3
Recycling services are satisfactory	65.9
Public safety is not a problem	77.5
Air pollution is not a problem	37.0
Medical services provision is satisfactory	76.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	52.6

Mobility

Traffic congestion is not a problem	29.8
Public transport is satisfactory	55.9

Activities

Green spaces are satisfactory	68.0
Cultural activities (shows, bars, and museums) are satisfactory	80.3

Opportunities (Work & School)

Employment finding services are readily available	80.9
Most children have access to a good school	80.8
Lifelong learning opportunities are provided by local institutions	69.6
Businesses are creating new jobs	75.3
Minorities feel welcome	75.5

Governance

Information on local government decisions are easily accessible	75.9
Corruption of city officials is not an issue of concern	40.3
Residents contribute to decision making of local government	65.9
Residents provide feedback on local government projects	71.5

TECHNOLOGIES

Factor average: 72.6

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	74.0
A website or App allows residents to easily give away unwanted items	63.3
Free public wifi has improved access to city services	68.8
CCTV cameras has made residents feel safer	78.2
A website or App allows residents to effectively monitor air pollution	59.6
Arranging medical appointments online has improved access	80.9

Mobility

Car-sharing Apps have reduced congestion	70.1
Apps that direct you to an available parking space have reduced journey time	70.2
Bicycle hiring has reduced congestion	55.3
Online scheduling and ticket sales has made public transport easier to use	76.3
The city provides information on traffic congestion through mobile phones	65.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	85.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	83.5
IT skills are taught well in schools	79.2
Online services provided by the city has made it easier to start a new business	76.8
The current internet speed and reliability meet connectivity needs	84.2

Governance

Online public access to city finances has reduced corruption	62.4
Online voting has increased participation	66.8
An online platform where residents can propose ideas has improved city life	71.5
Processing Identification Documents online has reduced waiting times	80.5

Hong Kong

SMART CITY RANKING

21

out of 148

19 in 2025
out of 146

SMART CITY RATING

A

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

AA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

7,560,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.956*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

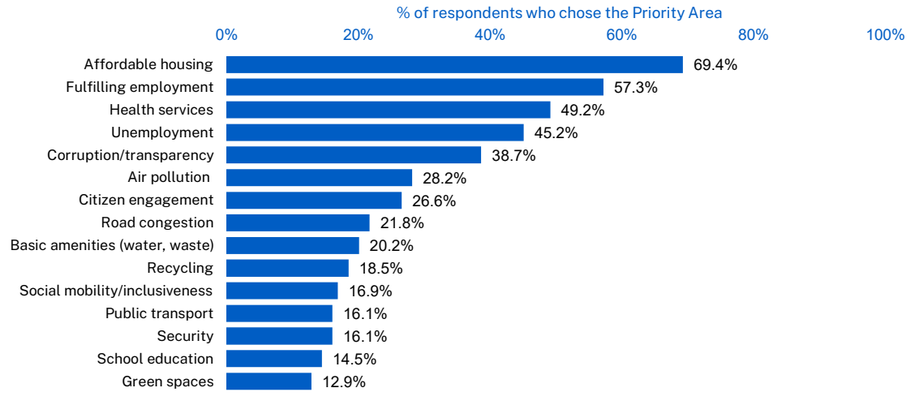
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Hong Kong, China (SAR)	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.952	0.950	0.961	0.950	0.955	+0.005
Life expectancy at birth	85.3	84.7	85.1	83.5	85.5	+2.03
Expected years of schooling	16.9	17.1	17.5	17.3	16.9	-0.36
Mean years of schooling	12.2	12.3	12.3	12.4	12.4	+0.00
GNI per capita (PPP $)	67,818	64,125	70,450	67,927	69,436	+1,508

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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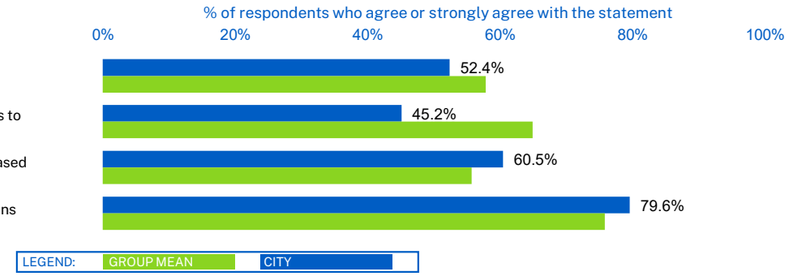


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.4

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.9
Recycling services are satisfactory	57.5
Public safety is not a problem	61.5
Air pollution is not a problem	38.5
Medical services provision is satisfactory	56.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.7

Mobility

Traffic congestion is not a problem	31.8
Public transport is satisfactory	68.8

Activities

Green spaces are satisfactory	54.0
Cultural activities (shows, bars, and museums) are satisfactory	61.9

Opportunities (Work & School)

Employment finding services are readily available	64.8
Most children have access to a good school	65.8
Lifelong learning opportunities are provided by local institutions	64.8
Businesses are creating new jobs	56.4
Minorities feel welcome	53.6

Governance

Information on local government decisions are easily accessible	59.7
Corruption of city officials is not an issue of concern	42.1
Residents contribute to decision making of local government	42.2
Residents provide feedback on local government projects	52.4

TECHNOLOGIES

Factor average: 63.0

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	59.3
A website or App allows residents to easily give away unwanted items	61.1
Free public wifi has improved access to city services	66.6
CCTV cameras has made residents feel safer	60.3
A website or App allows residents to effectively monitor air pollution	66.3
Arranging medical appointments online has improved access	70.1

Mobility

Car-sharing Apps have reduced congestion	50.1
Apps that direct you to an available parking space have reduced journey time	58.1
Bicycle hiring has reduced congestion	42.7
Online scheduling and ticket sales has made public transport easier to use	68.0
The city provides information on traffic congestion through mobile phones	75.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.7
IT skills are taught well in schools	66.5
Online services provided by the city has made it easier to start a new business	64.2
The current internet speed and reliability meet connectivity needs	82.9

Governance

Online public access to city finances has reduced corruption	52.2
Online voting has increased participation	43.6
An online platform where residents can propose ideas has improved city life	52.5
Processing Identification Documents online has reduced waiting times	70.9

Hyderabad

SMART CITY RANKING

114

out of 148

109 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

8,859,000 – 11,070,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.660*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

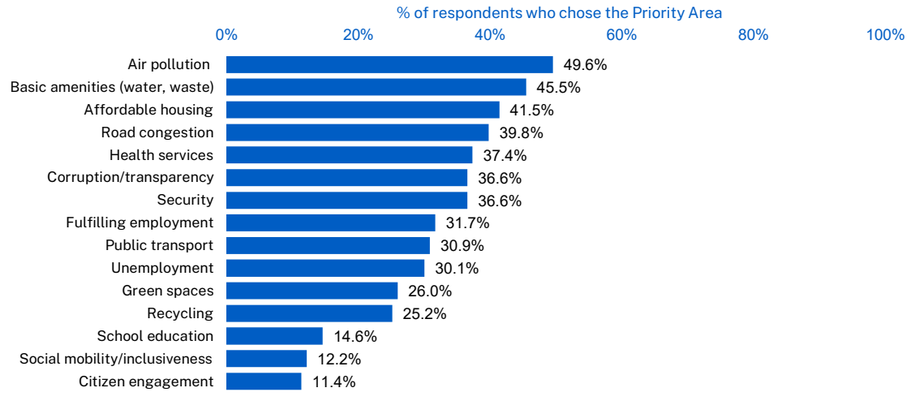
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

India	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.651	0.652	0.647	0.676	0.685	+0.009
Life expectancy at birth	70.7	70.2	67.3	71.7	72.0	+0.31
Expected years of schooling	11.8	12.1	12.4	13.0	13.0	-0.00
Mean years of schooling	6.3	6.5	6.5	6.6	6.9	+0.31
GNI per capita (PPP $)	7,895	7,332	7,993	8,476	9,047	+571

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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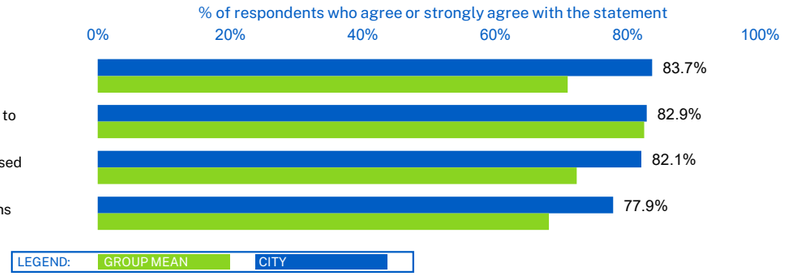


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 65.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	72.1
Recycling services are satisfactory	69.5
Public safety is not a problem	48.1
Air pollution is not a problem	31.9
Medical services provision is satisfactory	73.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	55.4

Mobility

Traffic congestion is not a problem	34.4
Public transport is satisfactory	70.9

Activities

Green spaces are satisfactory	77.0
Cultural activities (shows, bars, and museums) are satisfactory	77.9

Opportunities (Work & School)

Employment finding services are readily available	77.9
Most children have access to a good school	78.0
Lifelong learning opportunities are provided by local institutions	73.5
Businesses are creating new jobs	77.8
Minorities feel welcome	75.6

Governance

Information on local government decisions are easily accessible	76.3
Corruption of city officials is not an issue of concern	44.4
Residents contribute to decision making of local government	64.2
Residents provide feedback on local government projects	69.9

TECHNOLOGIES

Factor average: 72.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	70.9
A website or App allows residents to easily give away unwanted items	63.7
Free public wifi has improved access to city services	63.0
CCTV cameras has made residents feel safer	81.8
A website or App allows residents to effectively monitor air pollution	62.2
Arranging medical appointments online has improved access	80.0

Mobility

Car-sharing Apps have reduced congestion	69.4
Apps that direct you to an available parking space have reduced journey time	64.1
Bicycle hiring has reduced congestion	60.4
Online scheduling and ticket sales has made public transport easier to use	81.1
The city provides information on traffic congestion through mobile phones	74.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	78.6
IT skills are taught well in schools	68.0
Online services provided by the city has made it easier to start a new business	79.5
The current internet speed and reliability meet connectivity needs	82.9

Governance

Online public access to city finances has reduced corruption	62.8
Online voting has increased participation	65.2
An online platform where residents can propose ideas has improved city life	72.7
Processing Identification Documents online has reduced waiting times	82.1

Islamabad

SMART CITY RANKING

119

out of 148

116 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,079,000 – 1,270,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.654*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

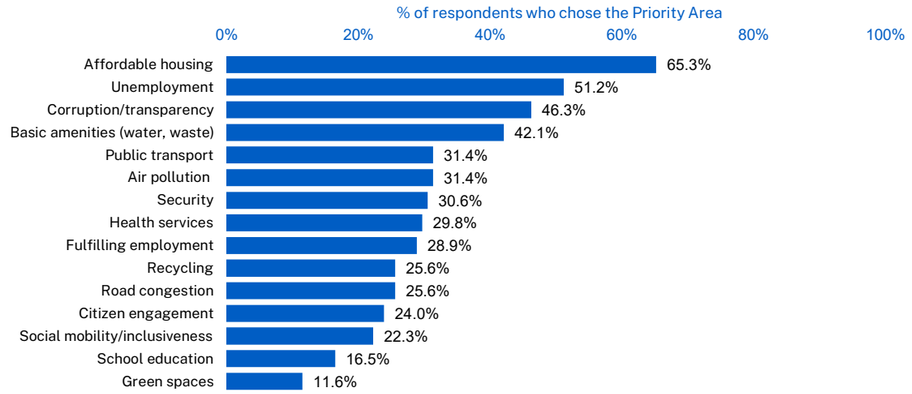
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Pakistan	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.540	0.536	0.537	0.544	0.544	+0.000
Life expectancy at birth	66.7	65.7	65.8	67.4	67.6	+0.23
Expected years of schooling	7.6	7.9	7.9	7.9	7.9	+0.00
Mean years of schooling	4.5	4.4	4.3	4.3	4.3	+0.00
GNI per capita (PPP $)	5,379	5,215	5,484	5,631	5,501	-130

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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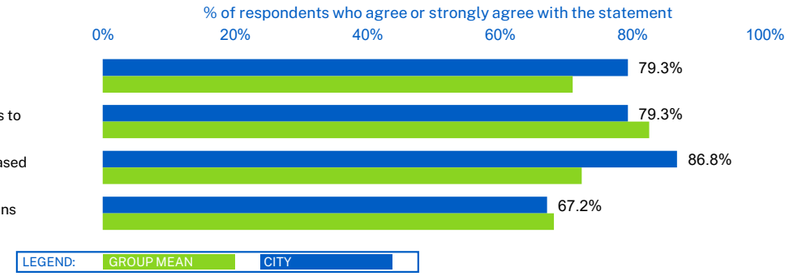


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 63.5

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	64.2
Recycling services are satisfactory	66.4
Public safety is not a problem	52.3
Air pollution is not a problem	46.5
Medical services provision is satisfactory	71.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	44.2

Mobility

Traffic congestion is not a problem	49.3
Public transport is satisfactory	74.2

Activities

Green spaces are satisfactory	81.2
Cultural activities (shows, bars, and museums) are satisfactory	78.0

Opportunities (Work & School)

Employment finding services are readily available	64.1
Most children have access to a good school	74.7
Lifelong learning opportunities are provided by local institutions	67.6
Businesses are creating new jobs	73.2
Minorities feel welcome	76.0

Governance

Information on local government decisions are easily accessible	69.1
Corruption of city officials is not an issue of concern	40.6
Residents contribute to decision making of local government	53.7
Residents provide feedback on local government projects	59.2

TECHNOLOGIES

Factor average: 67.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	66.1
A website or App allows residents to easily give away unwanted items	53.0
Free public wifi has improved access to city services	53.7
CCTV cameras has made residents feel safer	75.8
A website or App allows residents to effectively monitor air pollution	54.8
Arranging medical appointments online has improved access	76.6

Mobility

Car-sharing Apps have reduced congestion	67.2
Apps that direct you to an available parking space have reduced journey time	65.1
Bicycle hiring has reduced congestion	59.3
Online scheduling and ticket sales has made public transport easier to use	76.0
The city provides information on traffic congestion through mobile phones	68.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	77.0
IT skills are taught well in schools	75.8
Online services provided by the city has made it easier to start a new business	72.0
The current internet speed and reliability meet connectivity needs	70.8

Governance

Online public access to city finances has reduced corruption	56.7
Online voting has increased participation	61.2
An online platform where residents can propose ideas has improved city life	67.4
Processing Identification Documents online has reduced waiting times	76.1

Istanbul

SMART CITY RANKING

116

out of 148

111 in 2025
out of 146

SMART CITY RATING

CC

C in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

15,737,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.888*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

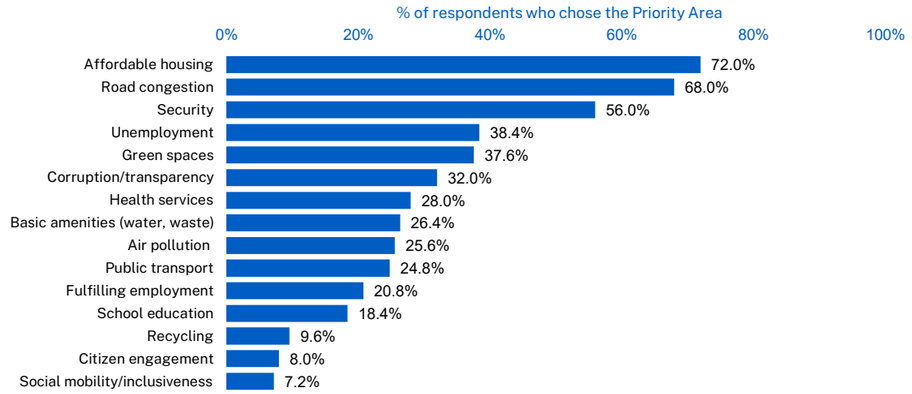
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Türkiye	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.841	0.838	0.841	0.853	0.853	+0.000
Life expectancy at birth	77.7	76.5	75.7	77.6	77.2	-0.43
Expected years of schooling	19.2	19.3	19.7	19.8	19.8	+0.00
Mean years of schooling	8.6	8.8	9.0	9.0	9.0	+0.00
GNI per capita (PPP $)	27,865	28,245	31,225	32,924	34,507	+1,583

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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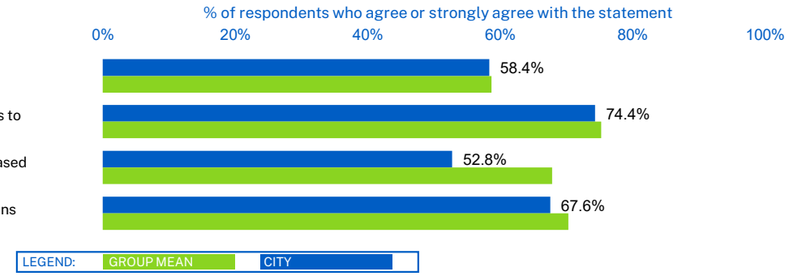


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 43.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	64.8
Recycling services are satisfactory	47.7
Public safety is not a problem	40.0
Air pollution is not a problem	29.2
Medical services provision is satisfactory	48.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.6

Mobility

Traffic congestion is not a problem	14.2
Public transport is satisfactory	34.4

Activities

Green spaces are satisfactory	32.6
Cultural activities (shows, bars, and museums) are satisfactory	61.0

Opportunities (Work & School)

Employment finding services are readily available	59.7
Most children have access to a good school	38.7
Lifelong learning opportunities are provided by local institutions	52.1
Businesses are creating new jobs	51.9
Minorities feel welcome	51.5

Governance

Information on local government decisions are easily accessible	57.2
Corruption of city officials is not an issue of concern	28.7
Residents contribute to decision making of local government	43.0
Residents provide feedback on local government projects	50.3

TECHNOLOGIES

Factor average: 56.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.5
A website or App allows residents to easily give away unwanted items	59.3
Free public wifi has improved access to city services	58.2
CCTV cameras has made residents feel safer	59.1
A website or App allows residents to effectively monitor air pollution	54.0
Arranging medical appointments online has improved access	65.2

Mobility

Car-sharing Apps have reduced congestion	43.4
Apps that direct you to an available parking space have reduced journey time	46.4
Bicycle hiring has reduced congestion	44.5
Online scheduling and ticket sales has made public transport easier to use	61.8
The city provides information on traffic congestion through mobile phones	76.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.7
IT skills are taught well in schools	51.5
Online services provided by the city has made it easier to start a new business	56.1
The current internet speed and reliability meet connectivity needs	58.2

Governance

Online public access to city finances has reduced corruption	42.8
Online voting has increased participation	39.4
An online platform where residents can propose ideas has improved city life	52.8
Processing Identification Documents online has reduced waiting times	68.6

Jakarta

SMART CITY RANKING

106

out of 148

103 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

10,562,000 – 33,756,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.767*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

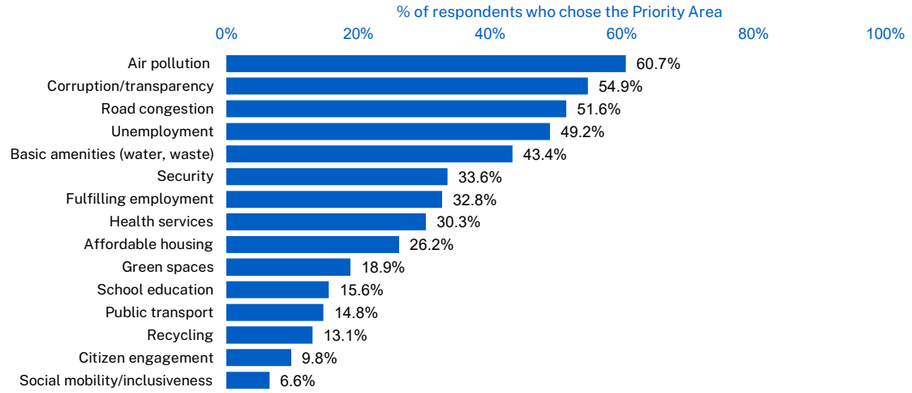
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Indonesia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.714	0.710	0.707	0.726	0.728	+0.002
Life expectancy at birth	70.3	68.8	67.5	70.9	71.1	+0.22
Expected years of schooling	13.2	13.3	13.4	13.4	13.3	-0.08
Mean years of schooling	8.4	8.6	8.7	8.7	8.7	+0.00
GNI per capita (PPP $)	12,511	12,192	12,547	13,107	13,700	+594

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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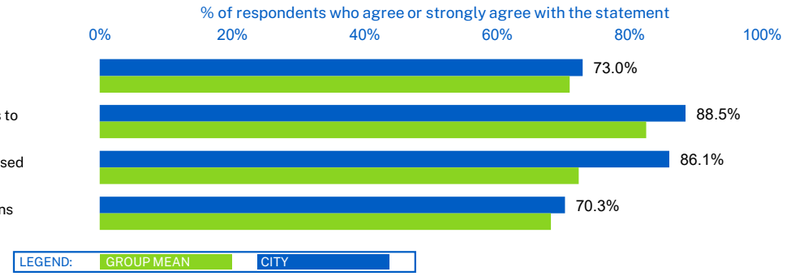


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 57.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	62.2
Recycling services are satisfactory	61.1
Public safety is not a problem	48.4
Air pollution is not a problem	23.0
Medical services provision is satisfactory	68.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	52.9

Mobility

Traffic congestion is not a problem	19.8
Public transport is satisfactory	68.2

Activities

Green spaces are satisfactory	63.9
Cultural activities (shows, bars, and museums) are satisfactory	74.5

Opportunities (Work & School)

Employment finding services are readily available	59.8
Most children have access to a good school	64.0
Lifelong learning opportunities are provided by local institutions	60.6
Businesses are creating new jobs	76.1
Minorities feel welcome	72.3

Governance

Information on local government decisions are easily accessible	70.1
Corruption of city officials is not an issue of concern	23.4
Residents contribute to decision making of local government	63.3
Residents provide feedback on local government projects	64.8

TECHNOLOGIES

Factor average: 73.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	66.9
A website or App allows residents to easily give away unwanted items	67.4
Free public wifi has improved access to city services	73.3
CCTV cameras has made residents feel safer	79.8
A website or App allows residents to effectively monitor air pollution	74.3
Arranging medical appointments online has improved access	80.4

Mobility

Car-sharing Apps have reduced congestion	66.2
Apps that direct you to an available parking space have reduced journey time	68.0
Bicycle hiring has reduced congestion	68.2
Online scheduling and ticket sales has made public transport easier to use	83.2
The city provides information on traffic congestion through mobile phones	76.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	86.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	79.4
IT skills are taught well in schools	72.6
Online services provided by the city has made it easier to start a new business	78.0
The current internet speed and reliability meet connectivity needs	73.8

Governance

Online public access to city finances has reduced corruption	58.4
Online voting has increased participation	69.9
An online platform where residents can propose ideas has improved city life	75.0
Processing Identification Documents online has reduced waiting times	78.2

Jeddah

SMART CITY RANKING

55

out of 148

47 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

4,778,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.871*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

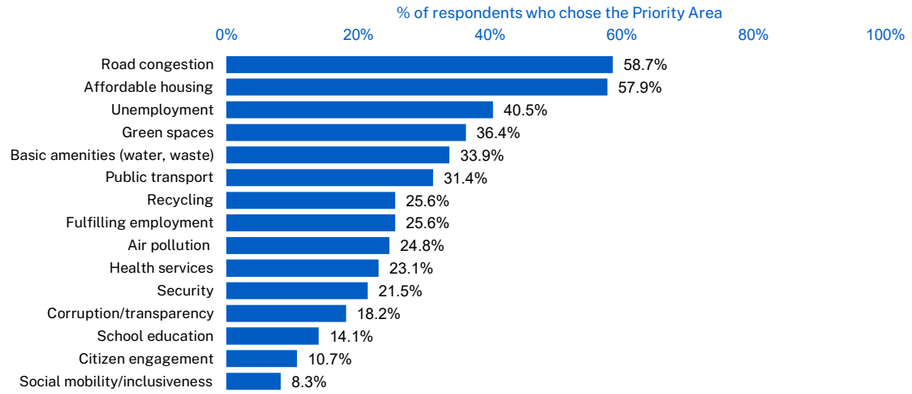
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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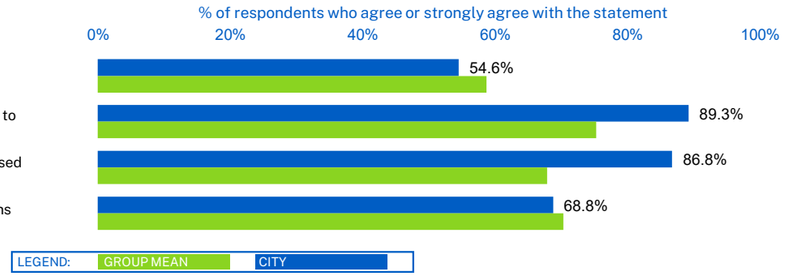


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 63.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	83.4
Recycling services are satisfactory	71.2
Public safety is not a problem	53.5
Air pollution is not a problem	35.0
Medical services provision is satisfactory	81.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	51.0

Mobility

Traffic congestion is not a problem	25.3
Public transport is satisfactory	64.5

Activities

Green spaces are satisfactory	64.3
Cultural activities (shows, bars, and museums) are satisfactory	80.4

Opportunities (Work & School)

Employment finding services are readily available	54.7
Most children have access to a good school	79.4
Lifelong learning opportunities are provided by local institutions	71.8
Businesses are creating new jobs	64.4
Minorities feel welcome	72.9

Governance

Information on local government decisions are easily accessible	80.9
Corruption of city officials is not an issue of concern	48.5
Residents contribute to decision making of local government	57.7
Residents provide feedback on local government projects	63.3

TECHNOLOGIES

Factor average: 72.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	77.0
A website or App allows residents to easily give away unwanted items	70.0
Free public wifi has improved access to city services	64.8
CCTV cameras has made residents feel safer	78.1
A website or App allows residents to effectively monitor air pollution	60.1
Arranging medical appointments online has improved access	85.1

Mobility

Car-sharing Apps have reduced congestion	60.5
Apps that direct you to an available parking space have reduced journey time	68.5
Bicycle hiring has reduced congestion	56.6
Online scheduling and ticket sales has made public transport easier to use	75.5
The city provides information on traffic congestion through mobile phones	74.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	86.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.1
IT skills are taught well in schools	73.7
Online services provided by the city has made it easier to start a new business	75.5
The current internet speed and reliability meet connectivity needs	79.6

Governance

Online public access to city finances has reduced corruption	73.3
Online voting has increased participation	68.1
An online platform where residents can propose ideas has improved city life	71.2
Processing Identification Documents online has reduced waiting times	82.5

Kiel

SMART CITY RANKING

88

out of 148

▼

74 in 2025
out of 146

SMART CITY RATING

B

BBB in 2025

FACTOR RATINGS

BB

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

249,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.929*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

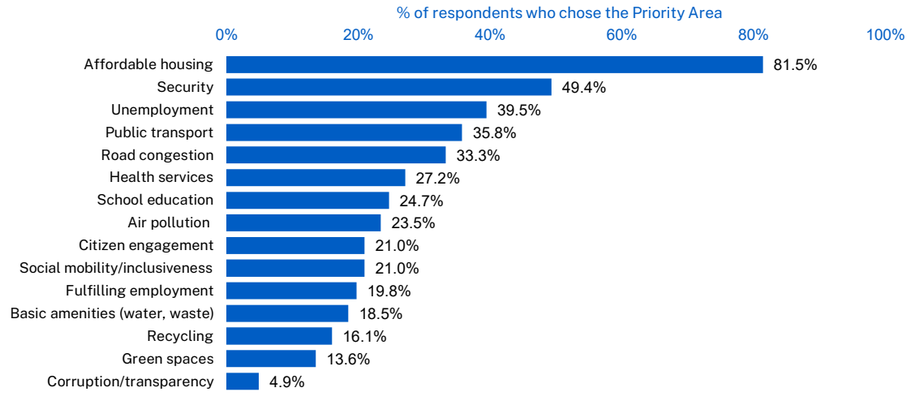
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Germany	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.957	0.955	0.958	0.955	0.959	+0.004
Life expectancy at birth	81.2	81.0	81.1	80.6	81.4	+0.80
Expected years of schooling	17.2	17.2	17.3	17.3	17.3	+0.00
Mean years of schooling	14.2	14.3	14.3	14.3	14.3	+0.00
GNI per capita (PPP $)	65,153	62,478	64,326	63,619	64,053	+435

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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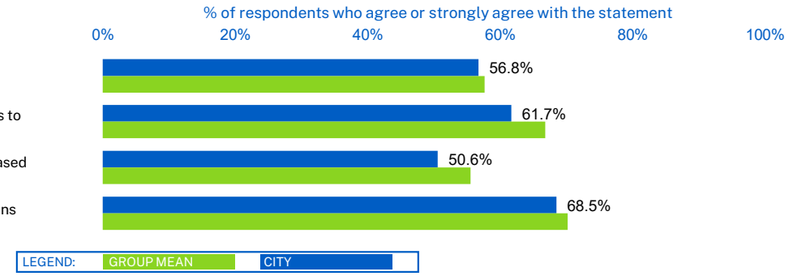


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 57.8

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	68.0
Recycling services are satisfactory	73.4
Public safety is not a problem	49.5
Air pollution is not a problem	56.2
Medical services provision is satisfactory	73.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.1

Mobility

Traffic congestion is not a problem	40.4
Public transport is satisfactory	61.9

Activities

Green spaces are satisfactory	68.2
Cultural activities (shows, bars, and museums) are satisfactory	70.0

Opportunities (Work & School)

Employment finding services are readily available	60.8
Most children have access to a good school	65.2
Lifelong learning opportunities are provided by local institutions	55.9
Businesses are creating new jobs	51.8
Minorities feel welcome	59.4

Governance

Information on local government decisions are easily accessible	54.7
Corruption of city officials is not an issue of concern	61.3
Residents contribute to decision making of local government	51.8
Residents provide feedback on local government projects	53.4

TECHNOLOGIES

Factor average: 47.3

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	42.7
A website or App allows residents to easily give away unwanted items	54.1
Free public wifi has improved access to city services	54.7
CCTV cameras has made residents feel safer	34.4
A website or App allows residents to effectively monitor air pollution	34.1
Arranging medical appointments online has improved access	54.5

Mobility

Car-sharing Apps have reduced congestion	34.7
Apps that direct you to an available parking space have reduced journey time	34.7
Bicycle hiring has reduced congestion	46.6
Online scheduling and ticket sales has made public transport easier to use	66.7
The city provides information on traffic congestion through mobile phones	45.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	69.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.5
IT skills are taught well in schools	38.7
Online services provided by the city has made it easier to start a new business	36.5
The current internet speed and reliability meet connectivity needs	64.2

Governance

Online public access to city finances has reduced corruption	33.8
Online voting has increased participation	44.3
An online platform where residents can propose ideas has improved city life	38.0
Processing Identification Documents online has reduced waiting times	51.0

Krakow

SMART CITY RANKING

70

out of 148

70 in 2025
out of 146

SMART CITY RATING

CCC

B in 2025

FACTOR RATINGS

B

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

793,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.891*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

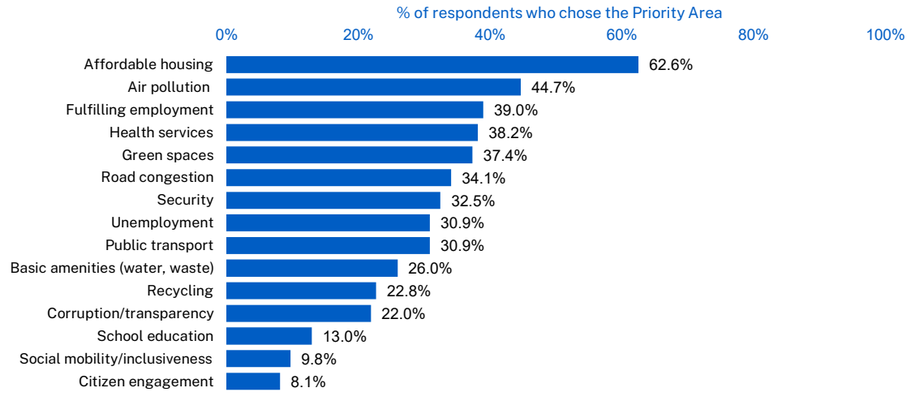
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Poland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.887	0.880	0.884	0.902	0.906	+0.004
Life expectancy at birth	77.9	76.6	75.6	77.9	78.6	+0.71
Expected years of schooling	15.9	15.8	16.4	16.7	16.7	+0.00
Mean years of schooling	13.1	13.2	13.2	13.2	13.2	+0.00
GNI per capita (PPP $)	36,800	36,245	38,629	42,129	42,218	+88

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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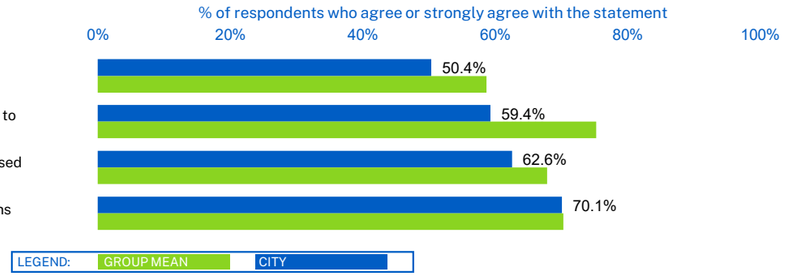


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 61.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.7
Recycling services are satisfactory	70.7
Public safety is not a problem	64.7
Air pollution is not a problem	32.9
Medical services provision is satisfactory	55.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	31.5

Mobility

Traffic congestion is not a problem	36.5
Public transport is satisfactory	65.4

Activities

Green spaces are satisfactory	72.8
Cultural activities (shows, bars, and museums) are satisfactory	83.7

Opportunities (Work & School)

Employment finding services are readily available	62.7
Most children have access to a good school	72.1
Lifelong learning opportunities are provided by local institutions	73.0
Businesses are creating new jobs	66.5
Minorities feel welcome	62.0

Governance

Information on local government decisions are easily accessible	67.8
Corruption of city officials is not an issue of concern	46.9
Residents contribute to decision making of local government	61.3
Residents provide feedback on local government projects	70.7

TECHNOLOGIES

Factor average: 62.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	52.9
A website or App allows residents to easily give away unwanted items	61.5
Free public wifi has improved access to city services	58.7
CCTV cameras has made residents feel safer	61.5
A website or App allows residents to effectively monitor air pollution	70.6
Arranging medical appointments online has improved access	65.0

Mobility

Car-sharing Apps have reduced congestion	47.2
Apps that direct you to an available parking space have reduced journey time	53.9
Bicycle hiring has reduced congestion	56.8
Online scheduling and ticket sales has made public transport easier to use	73.0
The city provides information on traffic congestion through mobile phones	53.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.5
IT skills are taught well in schools	59.8
Online services provided by the city has made it easier to start a new business	64.0
The current internet speed and reliability meet connectivity needs	75.3

Governance

Online public access to city finances has reduced corruption	49.0
Online voting has increased participation	57.4
An online platform where residents can propose ideas has improved city life	63.4
Processing Identification Documents online has reduced waiting times	69.1

Kuala Lumpur

SMART CITY RANKING

65

out of 148

65 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,982,000 – 8,911,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.863*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

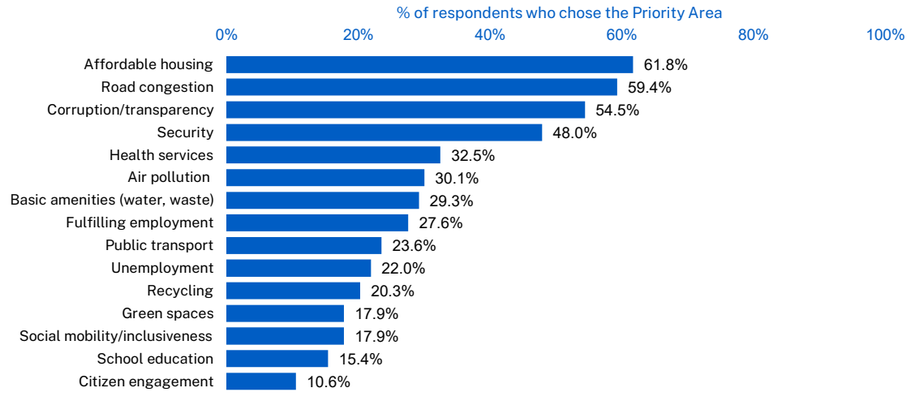
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Malaysia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.812	0.810	0.802	0.810	0.819	+0.009
Life expectancy at birth	75.9	76.1	73.9	75.4	76.7	+1.21
Expected years of schooling	13.1	13.0	12.9	12.5	12.7	+0.16
Mean years of schooling	10.6	10.8	10.9	11.1	11.1	+0.00
GNI per capita (PPP $)	31,009	29,117	29,627	31,629	32,553	+924

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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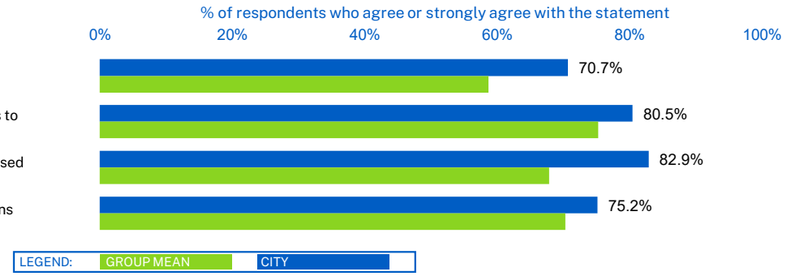


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 65.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	73.7
Recycling services are satisfactory	67.7
Public safety is not a problem	61.9
Air pollution is not a problem	49.8
Medical services provision is satisfactory	79.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	49.7

Mobility

Traffic congestion is not a problem	26.9
Public transport is satisfactory	68.4

Activities

Green spaces are satisfactory	69.7
Cultural activities (shows, bars, and museums) are satisfactory	75.2

Opportunities (Work & School)

Employment finding services are readily available	74.5
Most children have access to a good school	80.3
Lifelong learning opportunities are provided by local institutions	77.1
Businesses are creating new jobs	79.8
Minorities feel welcome	70.9

Governance

Information on local government decisions are easily accessible	76.5
Corruption of city officials is not an issue of concern	34.3
Residents contribute to decision making of local government	60.8
Residents provide feedback on local government projects	69.3

TECHNOLOGIES

Factor average: 71.1

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	67.8
A website or App allows residents to easily give away unwanted items	62.1
Free public wifi has improved access to city services	68.4
CCTV cameras has made residents feel safer	74.9
A website or App allows residents to effectively monitor air pollution	62.8
Arranging medical appointments online has improved access	80.4

Mobility

Car-sharing Apps have reduced congestion	65.0
Apps that direct you to an available parking space have reduced journey time	62.8
Bicycle hiring has reduced congestion	57.6
Online scheduling and ticket sales has made public transport easier to use	81.0
The city provides information on traffic congestion through mobile phones	73.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	84.1
IT skills are taught well in schools	70.4
Online services provided by the city has made it easier to start a new business	78.2
The current internet speed and reliability meet connectivity needs	80.6

Governance

Online public access to city finances has reduced corruption	56.1
Online voting has increased participation	64.2
An online platform where residents can propose ideas has improved city life	67.6
Processing Identification Documents online has reduced waiting times	79.8

Kuwait City

SMART CITY RANKING

95

out of 148

90 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

2,267,000 – 3,350,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.856*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

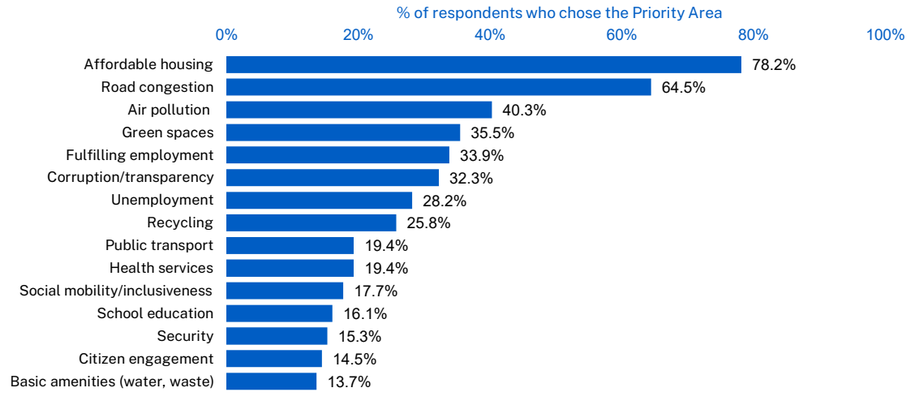
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Kuwait	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.843	0.837	0.839	0.845	0.852	+0.007
Life expectancy at birth	80.0	78.2	77.6	78.8	80.4	+1.62
Expected years of schooling	15.5	15.7	15.9	15.9	15.9	+0.00
Mean years of schooling	7.3	7.4	7.6	7.6	7.6	+0.00
GNI per capita (PPP $)	58,621	56,330	58,124	58,463	56,612	-1,851

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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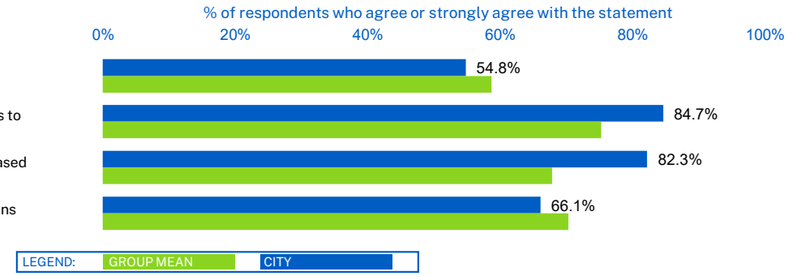


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	76.2
Recycling services are satisfactory	64.4
Public safety is not a problem	60.1
Air pollution is not a problem	34.5
Medical services provision is satisfactory	77.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	42.5

Mobility

Traffic congestion is not a problem	20.7
Public transport is satisfactory	63.0

Activities

Green spaces are satisfactory	57.5
Cultural activities (shows, bars, and museums) are satisfactory	68.8

Opportunities (Work & School)

Employment finding services are readily available	54.0
Most children have access to a good school	74.7
Lifelong learning opportunities are provided by local institutions	63.6
Businesses are creating new jobs	62.4
Minorities feel welcome	59.4

Governance

Information on local government decisions are easily accessible	77.9
Corruption of city officials is not an issue of concern	41.1
Residents contribute to decision making of local government	50.9
Residents provide feedback on local government projects	56.5

TECHNOLOGIES

Factor average: 62.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	63.8
A website or App allows residents to easily give away unwanted items	58.3
Free public wifi has improved access to city services	51.4
CCTV cameras has made residents feel safer	74.0
A website or App allows residents to effectively monitor air pollution	49.6
Arranging medical appointments online has improved access	80.5

Mobility

Car-sharing Apps have reduced congestion	48.6
Apps that direct you to an available parking space have reduced journey time	56.7
Bicycle hiring has reduced congestion	45.1
Online scheduling and ticket sales has made public transport easier to use	66.6
The city provides information on traffic congestion through mobile phones	63.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	69.2
IT skills are taught well in schools	63.1
Online services provided by the city has made it easier to start a new business	63.4
The current internet speed and reliability meet connectivity needs	73.9

Governance

Online public access to city finances has reduced corruption	55.4
Online voting has increased participation	54.7
An online platform where residents can propose ideas has improved city life	58.2
Processing Identification Documents online has reduced waiting times	77.2

Lagos

SMART CITY RANKING

138

out of 148

135 in 2025
out of 146

SMART CITY RATING

D

C in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

16,192,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.721*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

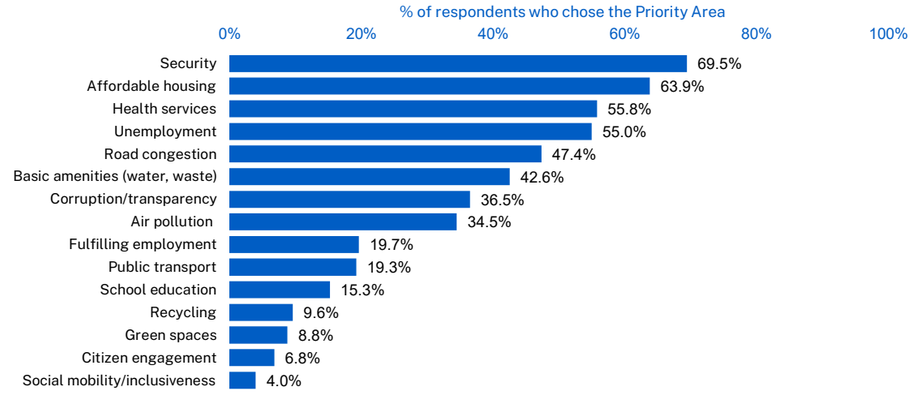
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Nigeria	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.544	0.547	0.554	0.557	0.560	+0.003
Life expectancy at birth	53.0	53.1	53.5	54.1	54.5	+0.38
Expected years of schooling	10.1	10.3	10.5	10.5	10.5	+0.00
Mean years of schooling	7.2	7.4	7.6	7.6	7.6	+0.00
GNI per capita (PPP $)	5,621	5,480	5,514	5,538	5,569	+32

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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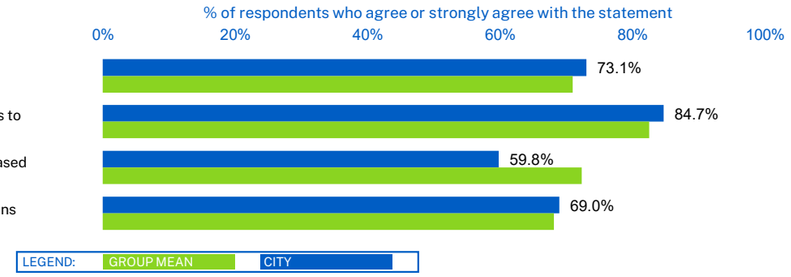


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 44.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	55.2
Recycling services are satisfactory	62.6
Public safety is not a problem	39.2
Air pollution is not a problem	21.7
Medical services provision is satisfactory	51.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.1

Mobility

Traffic congestion is not a problem	15.1
Public transport is satisfactory	39.2

Activities

Green spaces are satisfactory	53.7
Cultural activities (shows, bars, and museums) are satisfactory	75.8

Opportunities (Work & School)

Employment finding services are readily available	44.2
Most children have access to a good school	47.7
Lifelong learning opportunities are provided by local institutions	45.8
Businesses are creating new jobs	68.4
Minorities feel welcome	52.2

Governance

Information on local government decisions are easily accessible	48.8
Corruption of city officials is not an issue of concern	16.3
Residents contribute to decision making of local government	32.5
Residents provide feedback on local government projects	45.7

TECHNOLOGIES

Factor average: 51.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.5
A website or App allows residents to easily give away unwanted items	45.7
Free public wifi has improved access to city services	37.3
CCTV cameras has made residents feel safer	53.2
A website or App allows residents to effectively monitor air pollution	30.0
Arranging medical appointments online has improved access	59.6

Mobility

Car-sharing Apps have reduced congestion	50.9
Apps that direct you to an available parking space have reduced journey time	44.9
Bicycle hiring has reduced congestion	34.2
Online scheduling and ticket sales has made public transport easier to use	62.5
The city provides information on traffic congestion through mobile phones	51.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.3
IT skills are taught well in schools	55.3
Online services provided by the city has made it easier to start a new business	60.4
The current internet speed and reliability meet connectivity needs	63.3

Governance

Online public access to city finances has reduced corruption	32.5
Online voting has increased participation	36.6
An online platform where residents can propose ideas has improved city life	46.7
Processing Identification Documents online has reduced waiting times	68.7

Lausanne

SMART CITY RANKING

7

out of 148

10 in 2025
out of 146

SMART CITY RATING

A

AAA in 2025

FACTOR RATINGS

AA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

142,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.973*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

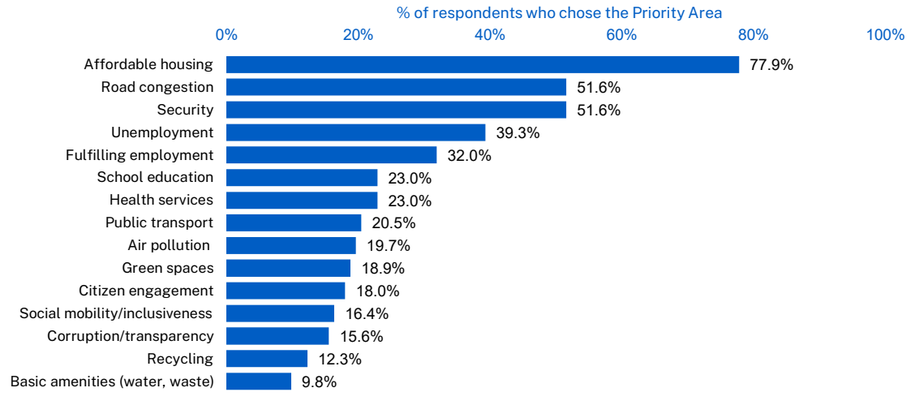
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Switzerland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.965	0.963	0.968	0.966	0.970	+0.004
Life expectancy at birth	83.8	83.1	83.6	83.2	84.0	+0.75
Expected years of schooling	16.3	16.4	16.6	16.7	16.7	+0.00
Mean years of schooling	13.9	13.9	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	78,234	74,518	80,308	82,400	81,949	-451

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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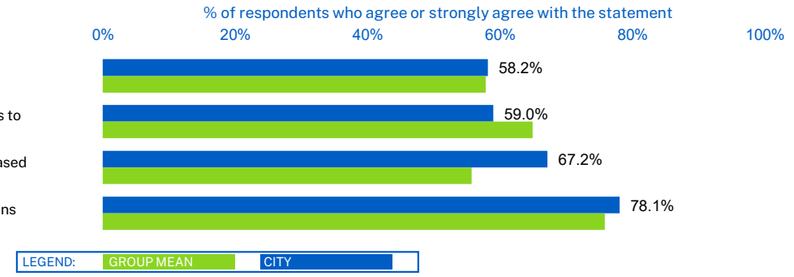


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 65.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	71.3
Recycling services are satisfactory	80.0
Public safety is not a problem	61.3
Air pollution is not a problem	56.5
Medical services provision is satisfactory	76.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	28.9

Mobility

Traffic congestion is not a problem	38.0
Public transport is satisfactory	73.3

Activities

Green spaces are satisfactory	80.6
Cultural activities (shows, bars, and museums) are satisfactory	81.1

Opportunities (Work & School)

Employment finding services are readily available	64.8
Most children have access to a good school	81.9
Lifelong learning opportunities are provided by local institutions	72.9
Businesses are creating new jobs	56.7
Minorities feel welcome	60.1

Governance

Information on local government decisions are easily accessible	66.8
Corruption of city officials is not an issue of concern	56.5
Residents contribute to decision making of local government	65.0
Residents provide feedback on local government projects	66.0

TECHNOLOGIES

Factor average: 58.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	56.1
A website or App allows residents to easily give away unwanted items	59.7
Free public wifi has improved access to city services	50.5
CCTV cameras has made residents feel safer	52.2
A website or App allows residents to effectively monitor air pollution	47.4
Arranging medical appointments online has improved access	70.6

Mobility

Car-sharing Apps have reduced congestion	41.1
Apps that direct you to an available parking space have reduced journey time	45.5
Bicycle hiring has reduced congestion	51.5
Online scheduling and ticket sales has made public transport easier to use	79.4
The city provides information on traffic congestion through mobile phones	56.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.5
IT skills are taught well in schools	64.9
Online services provided by the city has made it easier to start a new business	51.8
The current internet speed and reliability meet connectivity needs	76.1

Governance

Online public access to city finances has reduced corruption	42.6
Online voting has increased participation	53.9
An online platform where residents can propose ideas has improved city life	50.8
Processing Identification Documents online has reduced waiting times	66.0

Leeds

SMART CITY RANKING

76

out of 148

72 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

517,000 – 815,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: 0.920

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

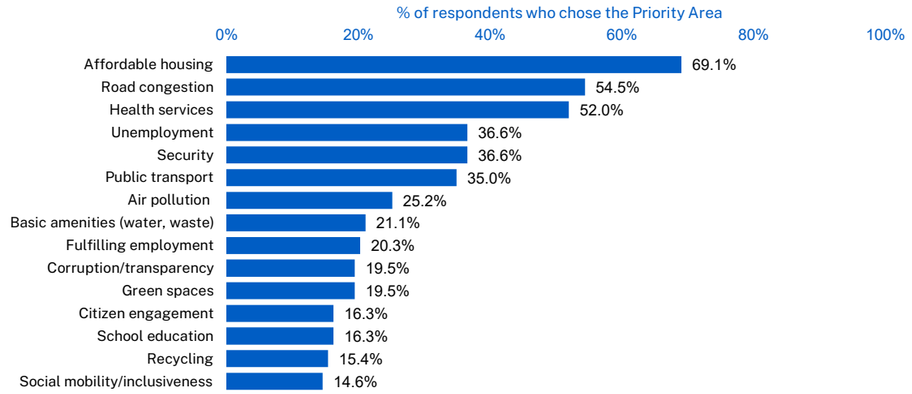
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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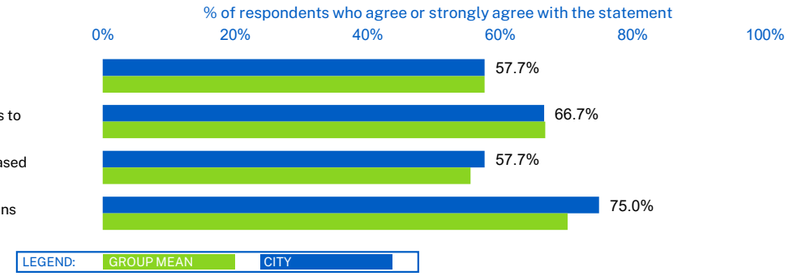


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 57.6

Score

Health & Safety

Basic sanitation meets the needs of the poorest areas	71.7
Recycling services are satisfactory	69.8
Public safety is not a problem	46.8
Air pollution is not a problem	45.4
Medical services provision is satisfactory	60.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	39.4

Mobility

Traffic congestion is not a problem	26.7
Public transport is satisfactory	54.3

Activities

Green spaces are satisfactory	69.6
Cultural activities (shows, bars, and museums) are satisfactory	75.5

Opportunities (Work & School)

Employment finding services are readily available	64.3
Most children have access to a good school	66.5
Lifelong learning opportunities are provided by local institutions	63.8
Businesses are creating new jobs	60.4
Minorities feel welcome	65.3

Governance

Information on local government decisions are easily accessible	60.5
Corruption of city officials is not an issue of concern	49.8
Residents contribute to decision making of local government	48.1
Residents provide feedback on local government projects	56.0

TECHNOLOGIES

Factor average: 54.0

Score

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	48.5
A website or App allows residents to easily give away unwanted items	64.8
Free public wifi has improved access to city services	62.4
CCTV cameras has made residents feel safer	62.8
A website or App allows residents to effectively monitor air pollution	38.0
Arranging medical appointments online has improved access	52.6

Mobility

Car-sharing Apps have reduced congestion	38.9
Apps that direct you to an available parking space have reduced journey time	42.5
Bicycle hiring has reduced congestion	36.3
Online scheduling and ticket sales has made public transport easier to use	57.7
The city provides information on traffic congestion through mobile phones	51.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.4
IT skills are taught well in schools	64.2
Online services provided by the city has made it easier to start a new business	50.8
The current internet speed and reliability meet connectivity needs	73.2

Governance

Online public access to city finances has reduced corruption	39.4
Online voting has increased participation	57.8
An online platform where residents can propose ideas has improved city life	44.2
Processing Identification Documents online has reduced waiting times	54.2

Lille

SMART CITY RANKING

107

out of 148

93 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

236,000 – 1,090,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.888*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

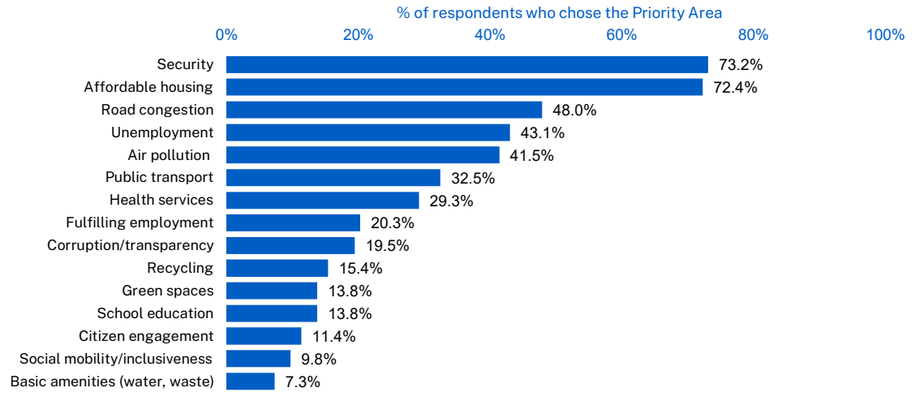
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

France	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.914	0.909	0.915	0.916	0.920	+0.004
Life expectancy at birth	82.7	82.2	82.3	82.5	83.3	+0.85
Expected years of schooling	15.9	16.0	16.0	16.1	16.1	+0.00
Mean years of schooling	11.6	11.7	11.8	11.8	11.8	+0.00
GNI per capita (PPP $)	56,066	51,178	55,020	55,176	55,060	-116

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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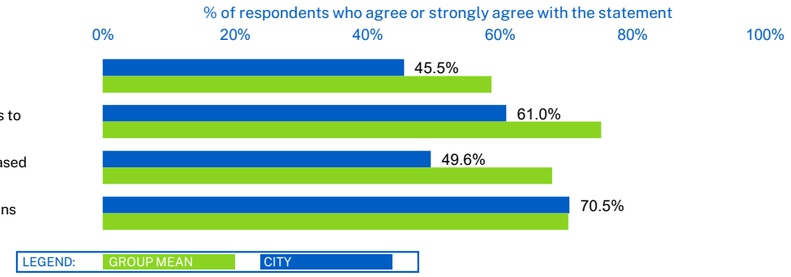


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 52.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	60.1
Recycling services are satisfactory	65.3
Public safety is not a problem	41.0
Air pollution is not a problem	27.2
Medical services provision is satisfactory	58.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.2

Mobility

Traffic congestion is not a problem	24.5
Public transport is satisfactory	55.5

Activities

Green spaces are satisfactory	69.9
Cultural activities (shows, bars, and museums) are satisfactory	81.9

Opportunities (Work & School)

Employment finding services are readily available	58.7
Most children have access to a good school	62.9
Lifelong learning opportunities are provided by local institutions	61.3
Businesses are creating new jobs	46.5
Minorities feel welcome	53.4

Governance

Information on local government decisions are easily accessible	57.6
Corruption of city officials is not an issue of concern	48.9
Residents contribute to decision making of local government	45.3
Residents provide feedback on local government projects	48.6

TECHNOLOGIES

Factor average: 53.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	44.3
A website or App allows residents to easily give away unwanted items	59.3
Free public wifi has improved access to city services	50.1
CCTV cameras has made residents feel safer	54.1
A website or App allows residents to effectively monitor air pollution	46.0
Arranging medical appointments online has improved access	66.7

Mobility

Car-sharing Apps have reduced congestion	42.5
Apps that direct you to an available parking space have reduced journey time	44.9
Bicycle hiring has reduced congestion	55.8
Online scheduling and ticket sales has made public transport easier to use	63.3
The city provides information on traffic congestion through mobile phones	49.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	52.6
IT skills are taught well in schools	59.4
Online services provided by the city has made it easier to start a new business	48.5
The current internet speed and reliability meet connectivity needs	68.3

Governance

Online public access to city finances has reduced corruption	39.1
Online voting has increased participation	45.6
An online platform where residents can propose ideas has improved city life	49.6
Processing Identification Documents online has reduced waiting times	61.6

Lima

SMART CITY RANKING

144

out of 148

138 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

C

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

9,987,000 – 11,360,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.820*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

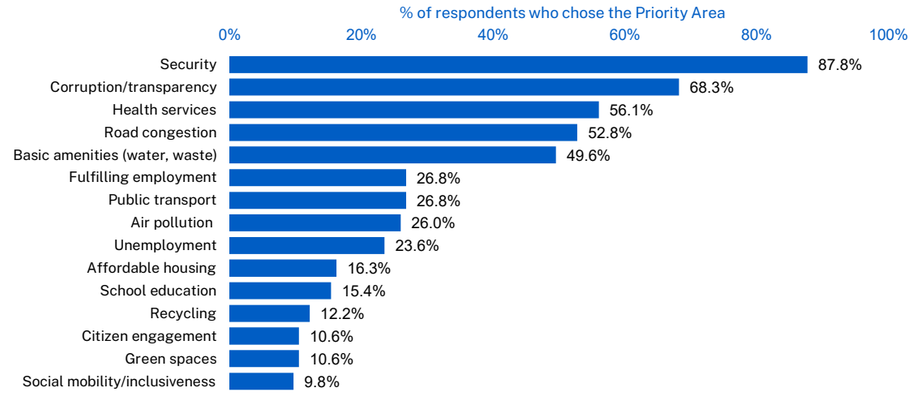
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Peru	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.784	0.769	0.764	0.790	0.794	+0.004
Life expectancy at birth	76.3	73.8	71.6	76.8	77.7	+0.91
Expected years of schooling	14.7	14.8	14.9	14.9	14.9	+0.00
Mean years of schooling	9.9	10.0	10.2	10.2	10.2	+0.00
GNI per capita (PPP $)	14,807	13,126	13,867	14,288	14,339	+50

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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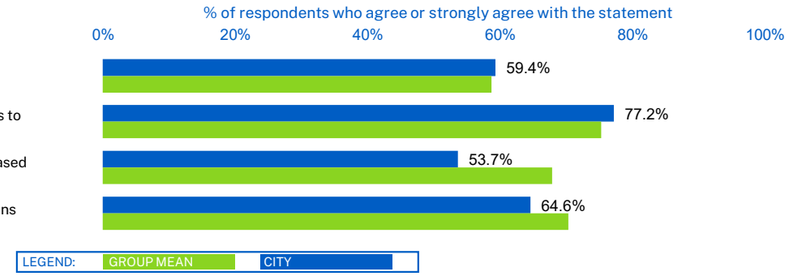


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 34.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	36.0
Recycling services are satisfactory	44.5
Public safety is not a problem	17.3
Air pollution is not a problem	18.4
Medical services provision is satisfactory	32.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.5

Mobility

Traffic congestion is not a problem	15.0
Public transport is satisfactory	23.0

Activities

Green spaces are satisfactory	56.8
Cultural activities (shows, bars, and museums) are satisfactory	62.0

Opportunities (Work & School)

Employment finding services are readily available	52.7
Most children have access to a good school	22.8
Lifelong learning opportunities are provided by local institutions	37.2
Businesses are creating new jobs	46.3
Minorities feel welcome	34.0

Governance

Information on local government decisions are easily accessible	36.9
Corruption of city officials is not an issue of concern	16.9
Residents contribute to decision making of local government	26.8
Residents provide feedback on local government projects	35.4

TECHNOLOGIES

Factor average: 49.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	40.5
A website or App allows residents to easily give away unwanted items	46.0
Free public wifi has improved access to city services	49.6
CCTV cameras has made residents feel safer	48.4
A website or App allows residents to effectively monitor air pollution	34.3
Arranging medical appointments online has improved access	53.7

Mobility

Car-sharing Apps have reduced congestion	39.4
Apps that direct you to an available parking space have reduced journey time	44.4
Bicycle hiring has reduced congestion	43.3
Online scheduling and ticket sales has made public transport easier to use	49.5
The city provides information on traffic congestion through mobile phones	51.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	62.8
IT skills are taught well in schools	45.4
Online services provided by the city has made it easier to start a new business	54.9
The current internet speed and reliability meet connectivity needs	66.6

Governance

Online public access to city finances has reduced corruption	29.0
Online voting has increased participation	41.7
An online platform where residents can propose ideas has improved city life	41.8
Processing Identification Documents online has reduced waiting times	62.4

Lisbon

SMART CITY RANKING

117

out of 148

115 in 2025
out of 146

SMART CITY RATING

C

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

546,000 – 3,010,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.907*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

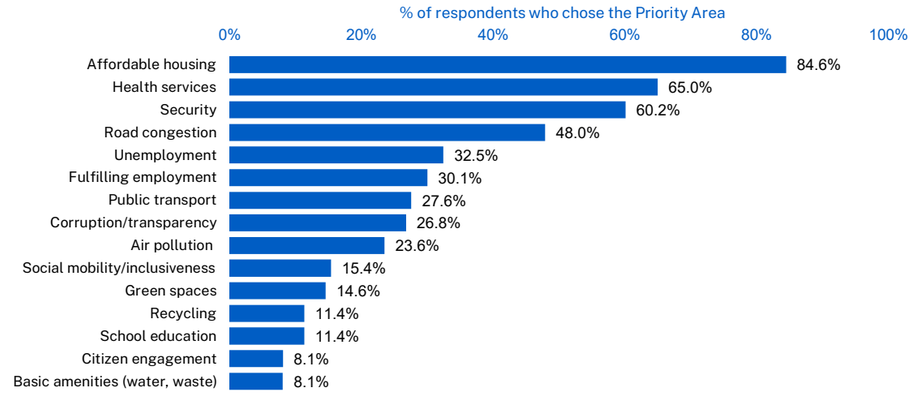
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Portugal	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.872	0.870	0.876	0.883	0.890	+0.007
Life expectancy at birth	82.0	81.4	81.4	81.2	82.4	+1.17
Expected years of schooling	16.6	16.7	16.8	17.5	17.5	+0.00
Mean years of schooling	9.3	9.6	9.7	9.7	9.7	+0.00
GNI per capita (PPP $)	39,190	36,539	38,395	39,868	41,064	+1,196

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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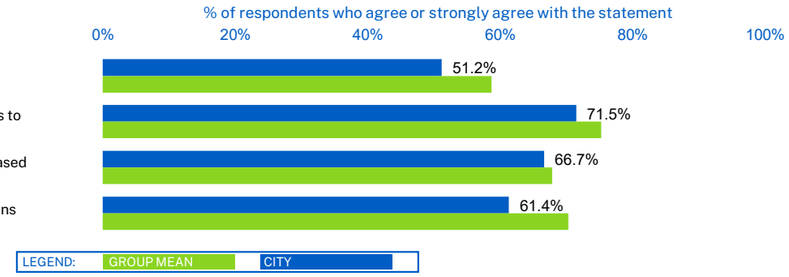


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 43.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	60.9
Recycling services are satisfactory	63.3
Public safety is not a problem	42.3
Air pollution is not a problem	35.0
Medical services provision is satisfactory	31.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	11.6

Mobility

Traffic congestion is not a problem	16.3
Public transport is satisfactory	40.8

Activities

Green spaces are satisfactory	62.1
Cultural activities (shows, bars, and museums) are satisfactory	76.7

Opportunities (Work & School)

Employment finding services are readily available	41.1
Most children have access to a good school	49.3
Lifelong learning opportunities are provided by local institutions	47.7
Businesses are creating new jobs	49.1
Minorities feel welcome	48.3

Governance

Information on local government decisions are easily accessible	47.9
Corruption of city officials is not an issue of concern	22.1
Residents contribute to decision making of local government	34.9
Residents provide feedback on local government projects	37.9

TECHNOLOGIES

Factor average: 53.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	42.7
A website or App allows residents to easily give away unwanted items	53.5
Free public wifi has improved access to city services	56.2
CCTV cameras has made residents feel safer	56.1
A website or App allows residents to effectively monitor air pollution	39.0
Arranging medical appointments online has improved access	54.8

Mobility

Car-sharing Apps have reduced congestion	36.5
Apps that direct you to an available parking space have reduced journey time	44.7
Bicycle hiring has reduced congestion	45.1
Online scheduling and ticket sales has made public transport easier to use	65.9
The city provides information on traffic congestion through mobile phones	50.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	69.4
IT skills are taught well in schools	52.9
Online services provided by the city has made it easier to start a new business	56.2
The current internet speed and reliability meet connectivity needs	69.1

Governance

Online public access to city finances has reduced corruption	34.5
Online voting has increased participation	47.9
An online platform where residents can propose ideas has improved city life	47.9
Processing Identification Documents online has reduced waiting times	64.6

Ljubljana

SMART CITY RANKING

18

out of 148

16 in 2025
out of 146

SMART CITY RATING

BBB

AA in 2025

FACTOR RATINGS

BBB

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

288,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.970*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

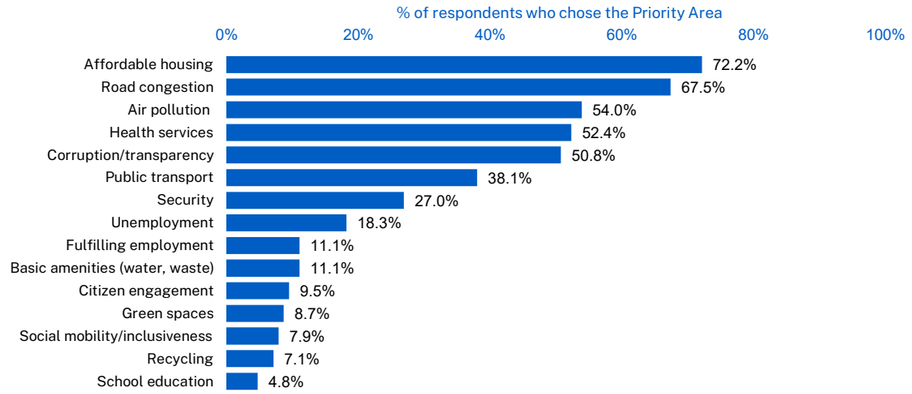
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Slovenia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.923	0.918	0.924	0.926	0.931	+0.005
Life expectancy at birth	81.0	80.4	80.4	80.8	81.6	+0.81
Expected years of schooling	17.3	17.3	17.4	17.5	17.5	+0.00
Mean years of schooling	12.8	12.9	13.0	13.0	13.0	+0.00
GNI per capita (PPP $)	45,192	43,555	45,942	45,470	46,361	+891

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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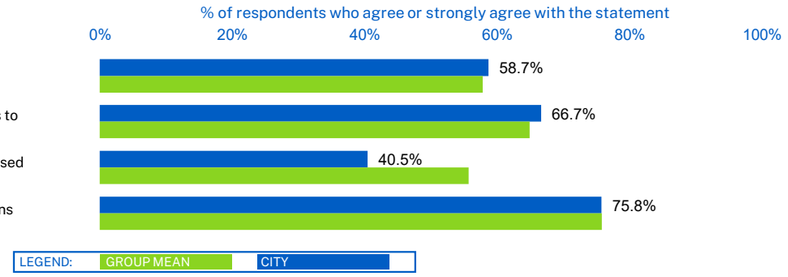


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.4

Score

Health & Safety

- Basic sanitation meets the needs of the poorest areas 73.9
- Recycling services are satisfactory 75.8
- Public safety is not a problem 65.6
- Air pollution is not a problem 42.8
- Medical services provision is satisfactory 52.3
- Finding housing with rent equal to 30% or less of a monthly salary is not a problem 22.1

Mobility

- Traffic congestion is not a problem 23.1
- Public transport is satisfactory 54.8

Activities

- Green spaces are satisfactory 77.0
- Cultural activities (shows, bars, and museums) are satisfactory 79.3

Opportunities (Work & School)

- Employment finding services are readily available 62.1
- Most children have access to a good school 76.0
- Lifelong learning opportunities are provided by local institutions 69.9
- Businesses are creating new jobs 59.3
- Minorities feel welcome 61.1

Governance

- Information on local government decisions are easily accessible 54.9
- Corruption of city officials is not an issue of concern 34.0
- Residents contribute to decision making of local government 40.3
- Residents provide feedback on local government projects 47.6

TECHNOLOGIES

Factor average: 55.4

Score

Health & Safety

- Online reporting of city maintenance problems provides a speedy solution 49.0
- A website or App allows residents to easily give away unwanted items 54.6
- Free public wifi has improved access to city services 57.4
- CCTV cameras has made residents feel safer 42.7
- A website or App allows residents to effectively monitor air pollution 55.2
- Arranging medical appointments online has improved access 62.9

Mobility

- Car-sharing Apps have reduced congestion 41.0
- Apps that direct you to an available parking space have reduced journey time 45.8
- Bicycle hiring has reduced congestion 60.9
- Online scheduling and ticket sales has made public transport easier to use 62.2
- The city provides information on traffic congestion through mobile phones 48.4

Activities

- Online purchasing of tickets to shows and museums has made it easier to attend 77.6

Opportunities (Work & School)

- Online access to job listings has made it easier to find work 75.3
- IT skills are taught well in schools 59.3
- Online services provided by the city has made it easier to start a new business 54.3
- The current internet speed and reliability meet connectivity needs 74.8

Governance

- Online public access to city finances has reduced corruption 38.1
- Online voting has increased participation 40.8
- An online platform where residents can propose ideas has improved city life 46.7
- Processing Identification Documents online has reduced waiting times 60.6

London

SMART CITY RANKING

4

out of 148

6 in 2025
out of 146

SMART CITY RATING

A

AA in 2025

FACTOR RATINGS

BBB

STRUCTURES

AA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

8,892,000 – 11,262,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.984*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

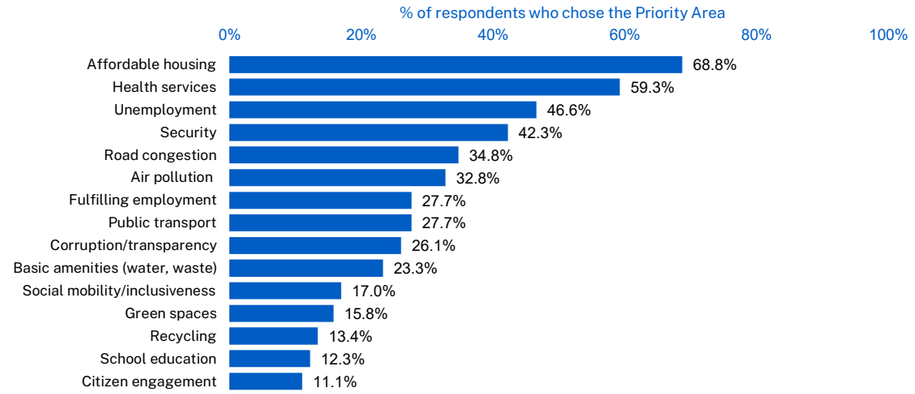
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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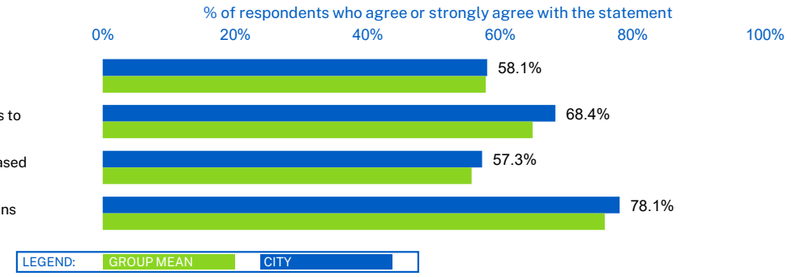


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.5
Recycling services are satisfactory	69.4
Public safety is not a problem	41.4
Air pollution is not a problem	33.6
Medical services provision is satisfactory	56.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.0

Mobility

Traffic congestion is not a problem	28.4
Public transport is satisfactory	66.0

Activities

Green spaces are satisfactory	73.0
Cultural activities (shows, bars, and museums) are satisfactory	76.4

Opportunities (Work & School)

Employment finding services are readily available	66.4
Most children have access to a good school	65.4
Lifelong learning opportunities are provided by local institutions	63.9
Businesses are creating new jobs	59.2
Minorities feel welcome	63.1

Governance

Information on local government decisions are easily accessible	62.9
Corruption of city officials is not an issue of concern	38.6
Residents contribute to decision making of local government	49.8
Residents provide feedback on local government projects	57.3

TECHNOLOGIES

Factor average: 60.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	52.1
A website or App allows residents to easily give away unwanted items	68.2
Free public wifi has improved access to city services	65.5
CCTV cameras has made residents feel safer	62.1
A website or App allows residents to effectively monitor air pollution	47.1
Arranging medical appointments online has improved access	60.7

Mobility

Car-sharing Apps have reduced congestion	47.2
Apps that direct you to an available parking space have reduced journey time	52.7
Bicycle hiring has reduced congestion	55.8
Online scheduling and ticket sales has made public transport easier to use	66.0
The city provides information on traffic congestion through mobile phones	68.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.9
IT skills are taught well in schools	59.8
Online services provided by the city has made it easier to start a new business	56.9
The current internet speed and reliability meet connectivity needs	73.9

Governance

Online public access to city finances has reduced corruption	47.6
Online voting has increased participation	60.5
An online platform where residents can propose ideas has improved city life	51.5
Processing Identification Documents online has reduced waiting times	65.2

Los Angeles

SMART CITY RANKING

73

out of 148

91 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

3,816,000 – 11,886,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.935*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

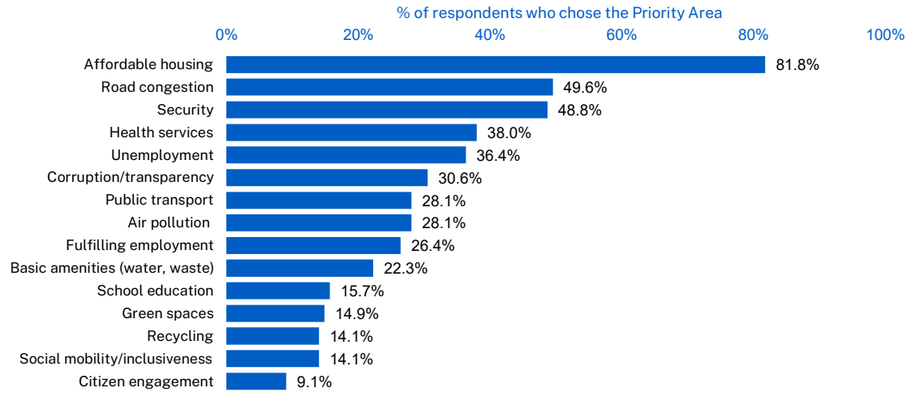
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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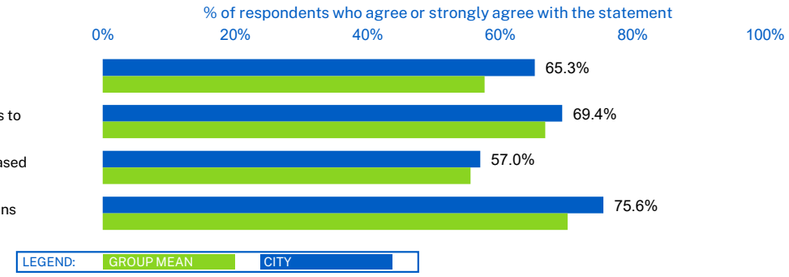


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 51.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	53.5
Recycling services are satisfactory	66.4
Public safety is not a problem	36.1
Air pollution is not a problem	34.5
Medical services provision is satisfactory	59.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.7

Mobility

Traffic congestion is not a problem	22.4
Public transport is satisfactory	48.9

Activities

Green spaces are satisfactory	56.0
Cultural activities (shows, bars, and museums) are satisfactory	73.6

Opportunities (Work & School)

Employment finding services are readily available	58.8
Most children have access to a good school	57.7
Lifelong learning opportunities are provided by local institutions	61.3
Businesses are creating new jobs	57.5
Minorities feel welcome	59.3

Governance

Information on local government decisions are easily accessible	59.8
Corruption of city officials is not an issue of concern	36.8
Residents contribute to decision making of local government	48.1
Residents provide feedback on local government projects	58.8

TECHNOLOGIES

Factor average: 56.0

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	49.9
A website or App allows residents to easily give away unwanted items	58.9
Free public wifi has improved access to city services	52.4
CCTV cameras has made residents feel safer	51.7
A website or App allows residents to effectively monitor air pollution	48.8
Arranging medical appointments online has improved access	65.9

Mobility

Car-sharing Apps have reduced congestion	48.5
Apps that direct you to an available parking space have reduced journey time	47.4
Bicycle hiring has reduced congestion	39.8
Online scheduling and ticket sales has made public transport easier to use	59.8
The city provides information on traffic congestion through mobile phones	63.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.4
IT skills are taught well in schools	51.4
Online services provided by the city has made it easier to start a new business	53.5
The current internet speed and reliability meet connectivity needs	67.9

Governance

Online public access to city finances has reduced corruption	45.0
Online voting has increased participation	59.6
An online platform where residents can propose ideas has improved city life	49.8
Processing Identification Documents online has reduced waiting times	61.8

Luxembourg

SMART CITY RANKING

42

out of 148

▼

31 in 2025
out of 146

SMART CITY RATING

BB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

132,000 – 651,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.927*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

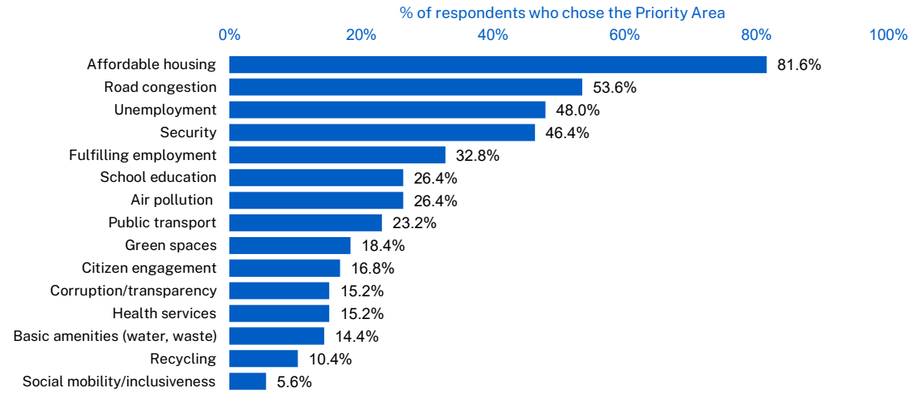
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Luxembourg	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.916	0.916	0.918	0.922	0.922	+0.000
Life expectancy at birth	81.6	81.4	81.8	82.2	82.2	+0.03
Expected years of schooling	14.2	14.2	14.2	14.4	14.4	+0.00
Mean years of schooling	12.5	12.6	12.6	12.6	12.6	+0.00
GNI per capita (PPP $)	87,900	89,602	94,503	91,144	85,461	-5,683

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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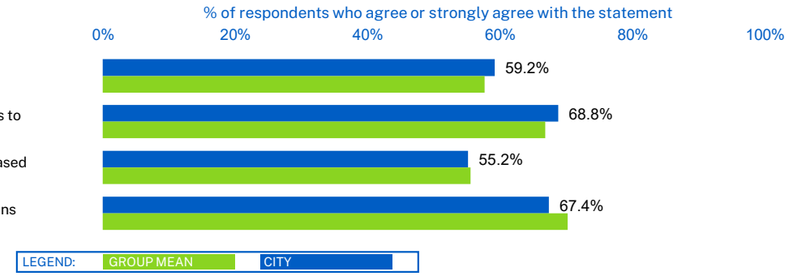


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 64.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.8
Recycling services are satisfactory	84.5
Public safety is not a problem	62.7
Air pollution is not a problem	56.8
Medical services provision is satisfactory	79.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	18.4

Mobility

Traffic congestion is not a problem	33.7
Public transport is satisfactory	75.4

Activities

Green spaces are satisfactory	76.3
Cultural activities (shows, bars, and museums) are satisfactory	75.4

Opportunities (Work & School)

Employment finding services are readily available	62.7
Most children have access to a good school	83.4
Lifelong learning opportunities are provided by local institutions	75.1
Businesses are creating new jobs	57.9
Minorities feel welcome	66.3

Governance

Information on local government decisions are easily accessible	66.2
Corruption of city officials is not an issue of concern	57.2
Residents contribute to decision making of local government	60.1
Residents provide feedback on local government projects	54.4

TECHNOLOGIES

Factor average: 55.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	54.1
A website or App allows residents to easily give away unwanted items	55.6
Free public wifi has improved access to city services	62.6
CCTV cameras has made residents feel safer	46.5
A website or App allows residents to effectively monitor air pollution	34.9
Arranging medical appointments online has improved access	72.2

Mobility

Car-sharing Apps have reduced congestion	35.0
Apps that direct you to an available parking space have reduced journey time	47.5
Bicycle hiring has reduced congestion	50.2
Online scheduling and ticket sales has made public transport easier to use	58.7
The city provides information on traffic congestion through mobile phones	61.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.6
IT skills are taught well in schools	55.6
Online services provided by the city has made it easier to start a new business	49.4
The current internet speed and reliability meet connectivity needs	70.5

Governance

Online public access to city finances has reduced corruption	42.4
Online voting has increased participation	50.1
An online platform where residents can propose ideas has improved city life	47.8
Processing Identification Documents online has reduced waiting times	64.8

Lyon

SMART CITY RANKING

92

out of 148

▼

73 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

521,000 – 1,770,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.923*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

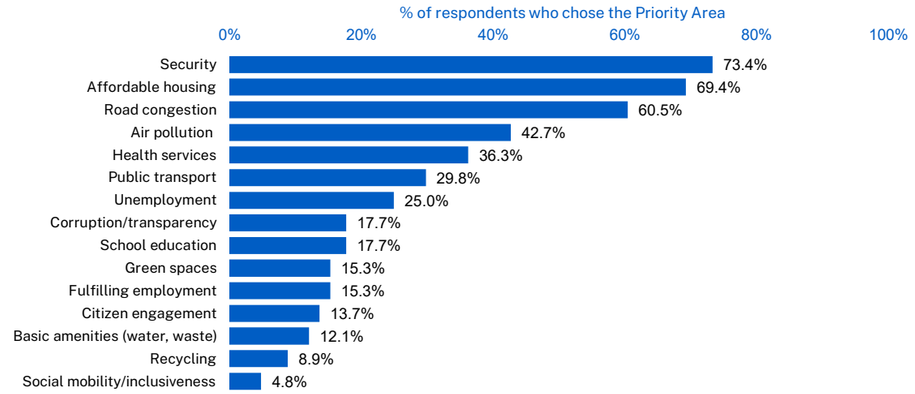
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

France	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.914	0.909	0.915	0.916	0.920	+0.004
Life expectancy at birth	82.7	82.2	82.3	82.5	83.3	+0.85
Expected years of schooling	15.9	16.0	16.0	16.1	16.1	+0.00
Mean years of schooling	11.6	11.7	11.8	11.8	11.8	+0.00
GNI per capita (PPP $)	56,066	51,178	55,020	55,176	55,060	-116

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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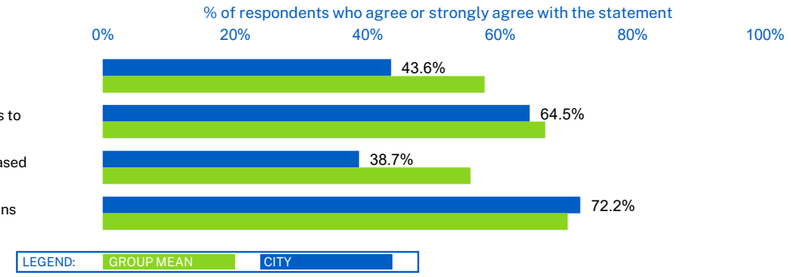


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 49.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	57.9
Recycling services are satisfactory	64.8
Public safety is not a problem	32.6
Air pollution is not a problem	21.8
Medical services provision is satisfactory	53.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.6

Mobility

Traffic congestion is not a problem	17.8
Public transport is satisfactory	57.8

Activities

Green spaces are satisfactory	73.2
Cultural activities (shows, bars, and museums) are satisfactory	80.6

Opportunities (Work & School)

Employment finding services are readily available	61.6
Most children have access to a good school	62.1
Lifelong learning opportunities are provided by local institutions	60.5
Businesses are creating new jobs	49.9
Minorities feel welcome	49.3

Governance

Information on local government decisions are easily accessible	49.1
Corruption of city officials is not an issue of concern	44.3
Residents contribute to decision making of local government	37.0
Residents provide feedback on local government projects	44.5

TECHNOLOGIES

Factor average: 55.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	42.5
A website or App allows residents to easily give away unwanted items	59.8
Free public wifi has improved access to city services	51.5
CCTV cameras has made residents feel safer	49.5
A website or App allows residents to effectively monitor air pollution	60.5
Arranging medical appointments online has improved access	71.6

Mobility

Car-sharing Apps have reduced congestion	41.7
Apps that direct you to an available parking space have reduced journey time	44.3
Bicycle hiring has reduced congestion	54.9
Online scheduling and ticket sales has made public transport easier to use	63.4
The city provides information on traffic congestion through mobile phones	57.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	56.8
IT skills are taught well in schools	57.9
Online services provided by the city has made it easier to start a new business	47.7
The current internet speed and reliability meet connectivity needs	71.8

Governance

Online public access to city finances has reduced corruption	37.9
Online voting has increased participation	46.9
An online platform where residents can propose ideas has improved city life	46.1
Processing Identification Documents online has reduced waiting times	63.1

Madrid

SMART CITY RANKING

37

out of 148

38 in 2025 out of 146

SMART CITY RATING

A

BB in 2025

FACTOR RATINGS

BBB

STRUCTURES

AA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

3,319,000 – 6,780,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.942*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

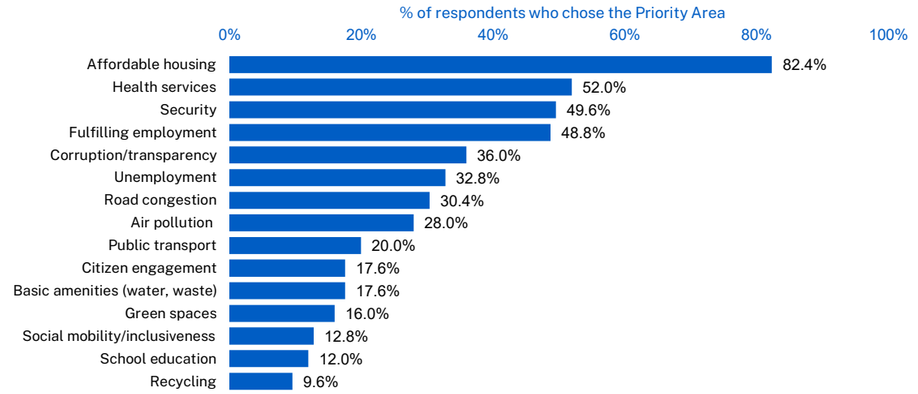
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Spain	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.910	0.901	0.912	0.911	0.918	+0.007
Life expectancy at birth	83.5	82.2	83.0	82.4	83.7	+1.30
Expected years of schooling	17.5	17.5	17.8	17.8	17.8	+0.00
Mean years of schooling	10.4	10.6	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	46,306	41,220	43,960	44,887	46,008	+1,121

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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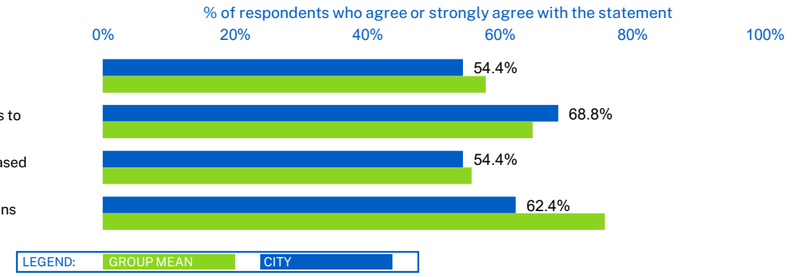


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.4

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.9
Recycling services are satisfactory	67.8
Public safety is not a problem	53.2
Air pollution is not a problem	29.9
Medical services provision is satisfactory	52.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	20.1

Mobility

Traffic congestion is not a problem	21.2
Public transport is satisfactory	65.1

Activities

Green spaces are satisfactory	72.6
Cultural activities (shows, bars, and museums) are satisfactory	82.6

Opportunities (Work & School)

Employment finding services are readily available	72.3
Most children have access to a good school	64.8
Lifelong learning opportunities are provided by local institutions	68.9
Businesses are creating new jobs	59.6
Minorities feel welcome	57.3

Governance

Information on local government decisions are easily accessible	56.7
Corruption of city officials is not an issue of concern	33.9
Residents contribute to decision making of local government	41.5
Residents provide feedback on local government projects	47.4

TECHNOLOGIES

Factor average: 61.1

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	56.5
A website or App allows residents to easily give away unwanted items	62.7
Free public wifi has improved access to city services	56.7
CCTV cameras has made residents feel safer	56.3
A website or App allows residents to effectively monitor air pollution	54.4
Arranging medical appointments online has improved access	67.2

Mobility

Car-sharing Apps have reduced congestion	51.7
Apps that direct you to an available parking space have reduced journey time	57.4
Bicycle hiring has reduced congestion	53.0
Online scheduling and ticket sales has made public transport easier to use	70.6
The city provides information on traffic congestion through mobile phones	66.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	84.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	70.7
IT skills are taught well in schools	60.9
Online services provided by the city has made it easier to start a new business	59.7
The current internet speed and reliability meet connectivity needs	78.9

Governance

Online public access to city finances has reduced corruption	42.4
Online voting has increased participation	52.4
An online platform where residents can propose ideas has improved city life	56.6
Processing Identification Documents online has reduced waiting times	63.8

Makassar

SMART CITY RANKING

112

out of 148

114 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,339,000 – 1,700,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.707*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

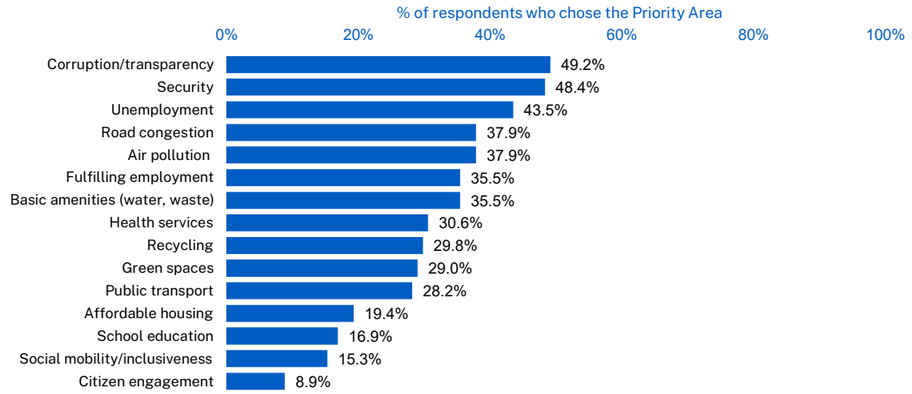
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Indonesia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.714	0.710	0.707	0.726	0.728	+0.002
Life expectancy at birth	70.3	68.8	67.5	70.9	71.1	+0.22
Expected years of schooling	13.2	13.3	13.4	13.4	13.3	-0.08
Mean years of schooling	8.4	8.6	8.7	8.7	8.7	+0.00
GNI per capita (PPP $)	12,511	12,192	12,547	13,107	13,700	+594

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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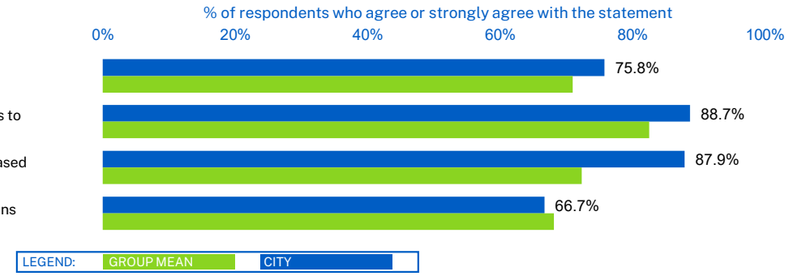


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 62.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	63.7
Recycling services are satisfactory	58.9
Public safety is not a problem	52.6
Air pollution is not a problem	42.3
Medical services provision is satisfactory	73.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	65.0

Mobility

Traffic congestion is not a problem	37.7
Public transport is satisfactory	67.6

Activities

Green spaces are satisfactory	70.1
Cultural activities (shows, bars, and museums) are satisfactory	74.6

Opportunities (Work & School)

Employment finding services are readily available	63.2
Most children have access to a good school	73.6
Lifelong learning opportunities are provided by local institutions	63.7
Businesses are creating new jobs	79.0
Minorities feel welcome	78.9

Governance

Information on local government decisions are easily accessible	68.9
Corruption of city officials is not an issue of concern	31.7
Residents contribute to decision making of local government	63.5
Residents provide feedback on local government projects	61.4

TECHNOLOGIES

Factor average: 69.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	64.7
A website or App allows residents to easily give away unwanted items	61.9
Free public wifi has improved access to city services	62.9
CCTV cameras has made residents feel safer	79.2
A website or App allows residents to effectively monitor air pollution	64.6
Arranging medical appointments online has improved access	81.4

Mobility

Car-sharing Apps have reduced congestion	65.8
Apps that direct you to an available parking space have reduced journey time	58.7
Bicycle hiring has reduced congestion	60.0
Online scheduling and ticket sales has made public transport easier to use	78.9
The city provides information on traffic congestion through mobile phones	68.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	78.7
IT skills are taught well in schools	72.4
Online services provided by the city has made it easier to start a new business	75.8
The current internet speed and reliability meet connectivity needs	75.6

Governance

Online public access to city finances has reduced corruption	54.8
Online voting has increased participation	64.1
An online platform where residents can propose ideas has improved city life	67.8
Processing Identification Documents online has reduced waiting times	77.1

Manama

SMART CITY RANKING

53

out of 148

36 in 2025
out of 146

SMART CITY RATING

B

BB in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

154,000 – 740,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.888*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

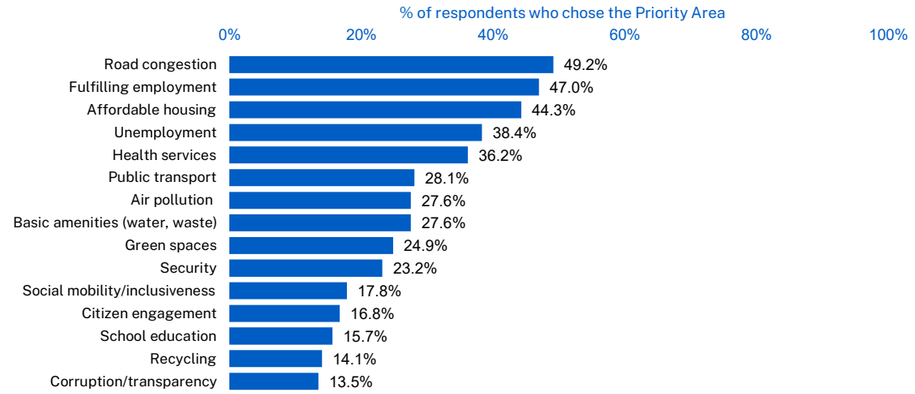
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Bahrain	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.894	0.885	0.885	0.902	0.899	-0.003
Life expectancy at birth	80.5	78.7	78.1	81.0	81.3	+0.29
Expected years of schooling	16.4	16.4	16.3	16.3	15.9	-0.37
Mean years of schooling	10.8	11.0	11.1	11.1	11.1	-0.02
GNI per capita (PPP $)	51,005	48,745	50,855	53,494	52,819	-675

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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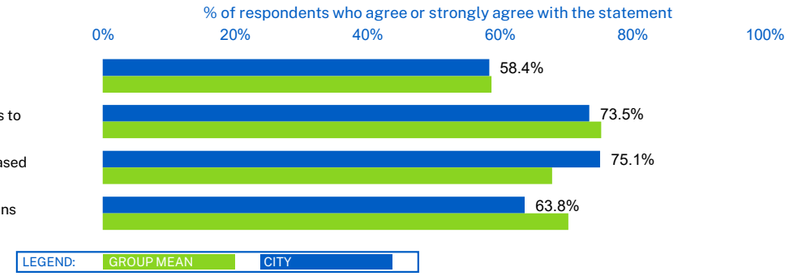


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 63.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.9
Recycling services are satisfactory	72.0
Public safety is not a problem	60.1
Air pollution is not a problem	41.2
Medical services provision is satisfactory	73.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	51.3

Mobility

Traffic congestion is not a problem	35.8
Public transport is satisfactory	69.0

Activities

Green spaces are satisfactory	60.0
Cultural activities (shows, bars, and museums) are satisfactory	73.7

Opportunities (Work & School)

Employment finding services are readily available	55.0
Most children have access to a good school	75.5
Lifelong learning opportunities are provided by local institutions	69.5
Businesses are creating new jobs	62.5
Minorities feel welcome	71.2

Governance

Information on local government decisions are easily accessible	75.9
Corruption of city officials is not an issue of concern	59.8
Residents contribute to decision making of local government	60.3
Residents provide feedback on local government projects	63.5

TECHNOLOGIES

Factor average: 66.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	72.6
A website or App allows residents to easily give away unwanted items	64.9
Free public wifi has improved access to city services	56.5
CCTV cameras has made residents feel safer	75.9
A website or App allows residents to effectively monitor air pollution	54.6
Arranging medical appointments online has improved access	80.7

Mobility

Car-sharing Apps have reduced congestion	54.5
Apps that direct you to an available parking space have reduced journey time	59.6
Bicycle hiring has reduced congestion	49.1
Online scheduling and ticket sales has made public transport easier to use	71.6
The city provides information on traffic congestion through mobile phones	67.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.3
IT skills are taught well in schools	70.6
Online services provided by the city has made it easier to start a new business	69.0
The current internet speed and reliability meet connectivity needs	77.7

Governance

Online public access to city finances has reduced corruption	61.6
Online voting has increased participation	61.2
An online platform where residents can propose ideas has improved city life	65.6
Processing Identification Documents online has reduced waiting times	76.6

Manchester

SMART CITY RANKING

46

out of 148

64 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BBB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

553,000 – 2,810,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.927*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

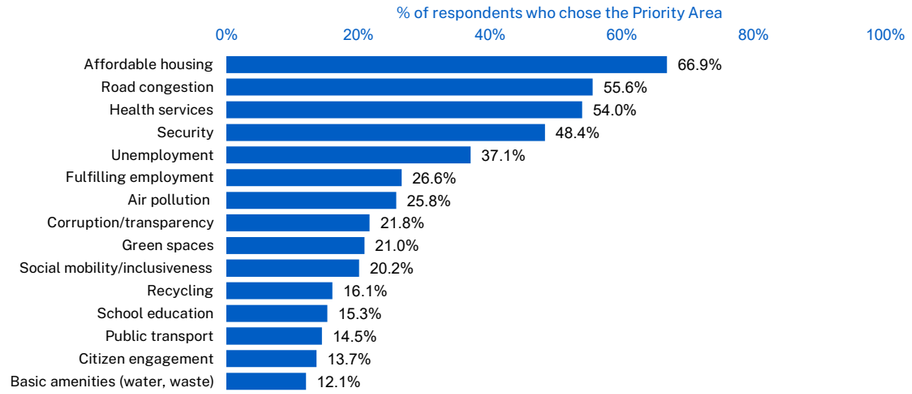
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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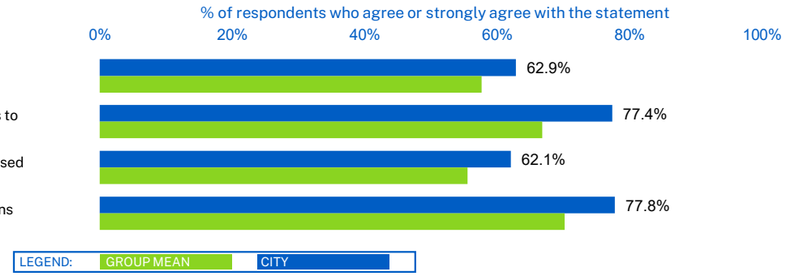


Manila

SMART CITY RANKING

132

out of 148

125 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

D

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

1,849,000 – 24,922,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.743*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

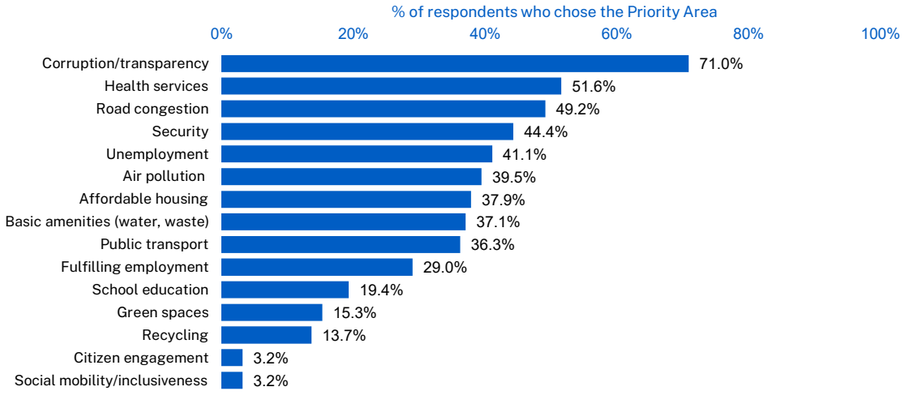
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Philippines	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.708	0.699	0.690	0.714	0.720	+0.006
Life expectancy at birth	69.7	70.1	66.7	69.5	69.8	+0.36
Expected years of schooling	13.0	12.8	12.8	12.8	12.8	+0.00
Mean years of schooling	9.0	8.9	9.4	10.0	10.0	+0.00
GNI per capita (PPP $)	10,438	9,092	9,110	9,865	10,731	+866

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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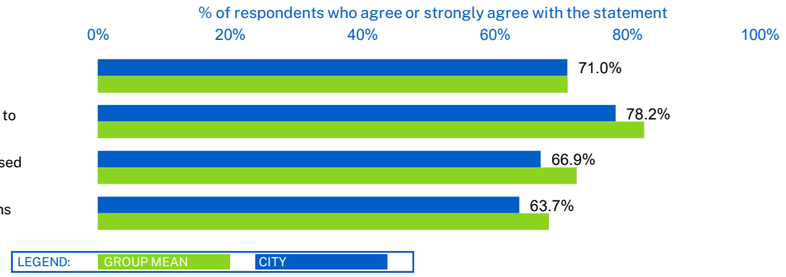


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 43.3

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	49.7
Recycling services are satisfactory	47.4
Public safety is not a problem	30.6
Air pollution is not a problem	15.3
Medical services provision is satisfactory	44.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.1

Mobility

Traffic congestion is not a problem	11.7
Public transport is satisfactory	33.2

Activities

Green spaces are satisfactory	47.3
Cultural activities (shows, bars, and museums) are satisfactory	66.9

Opportunities (Work & School)

Employment finding services are readily available	54.7
Most children have access to a good school	47.6
Lifelong learning opportunities are provided by local institutions	51.5
Businesses are creating new jobs	69.2
Minorities feel welcome	51.5

Governance

Information on local government decisions are easily accessible	57.0
Corruption of city officials is not an issue of concern	14.9
Residents contribute to decision making of local government	41.8
Residents provide feedback on local government projects	54.8

TECHNOLOGIES

Factor average: 57.4

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	49.5
A website or App allows residents to easily give away unwanted items	45.6
Free public wifi has improved access to city services	49.9
CCTV cameras has made residents feel safer	65.8
A website or App allows residents to effectively monitor air pollution	42.5
Arranging medical appointments online has improved access	67.0

Mobility

Car-sharing Apps have reduced congestion	49.9
Apps that direct you to an available parking space have reduced journey time	46.3
Bicycle hiring has reduced congestion	52.6
Online scheduling and ticket sales has made public transport easier to use	61.9
The city provides information on traffic congestion through mobile phones	61.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	76.6
IT skills are taught well in schools	63.2
Online services provided by the city has made it easier to start a new business	67.0
The current internet speed and reliability meet connectivity needs	55.8

Governance

Online public access to city finances has reduced corruption	40.5
Online voting has increased participation	53.6
An online platform where residents can propose ideas has improved city life	50.8
Processing Identification Documents online has reduced waiting times	68.5

Marseille

SMART CITY RANKING

111

out of 148

107 in 2025
out of 146

SMART CITY RATING

B

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

870,000 – 1,640,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.912*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

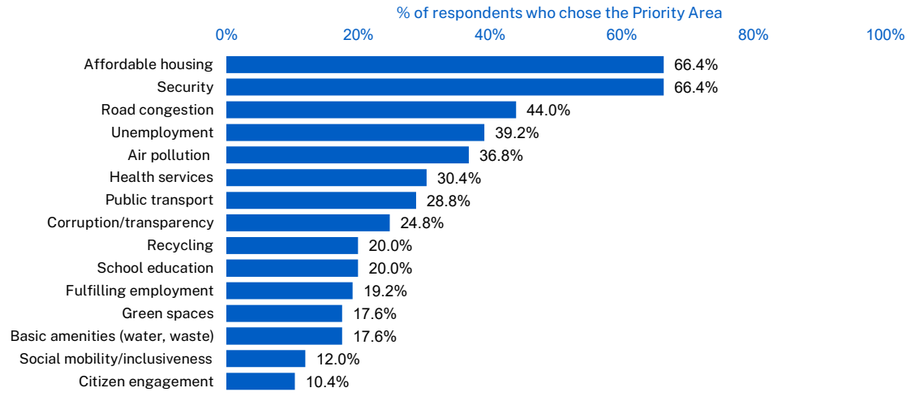
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

France	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.914	0.909	0.915	0.916	0.920	+0.004
Life expectancy at birth	82.7	82.2	82.3	82.5	83.3	+0.85
Expected years of schooling	15.9	16.0	16.0	16.1	16.1	+0.00
Mean years of schooling	11.6	11.7	11.8	11.8	11.8	+0.00
GNI per capita (PPP $)	56,066	51,178	55,020	55,176	55,060	-116

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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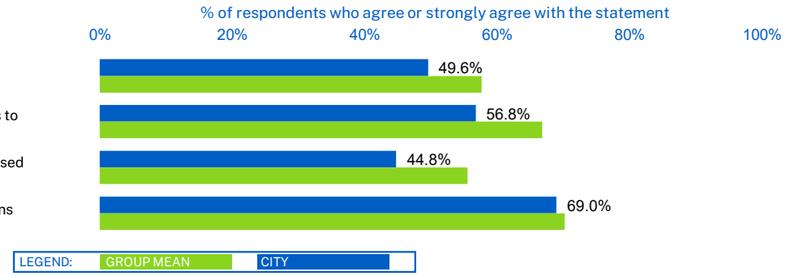


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 45.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	48.8
Recycling services are satisfactory	43.8
Public safety is not a problem	29.1
Air pollution is not a problem	23.7
Medical services provision is satisfactory	57.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.0

Mobility

Traffic congestion is not a problem	26.1
Public transport is satisfactory	54.1

Activities

Green spaces are satisfactory	59.3
Cultural activities (shows, bars, and museums) are satisfactory	70.2

Opportunities (Work & School)

Employment finding services are readily available	57.4
Most children have access to a good school	49.0
Lifelong learning opportunities are provided by local institutions	53.7
Businesses are creating new jobs	43.8
Minorities feel welcome	49.5

Governance

Information on local government decisions are easily accessible	50.4
Corruption of city officials is not an issue of concern	35.0
Residents contribute to decision making of local government	38.6
Residents provide feedback on local government projects	43.7

TECHNOLOGIES

Factor average: 52.6

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	43.2
A website or App allows residents to easily give away unwanted items	65.4
Free public wifi has improved access to city services	53.7
CCTV cameras has made residents feel safer	47.1
A website or App allows residents to effectively monitor air pollution	49.1
Arranging medical appointments online has improved access	67.1

Mobility

Car-sharing Apps have reduced congestion	39.5
Apps that direct you to an available parking space have reduced journey time	43.6
Bicycle hiring has reduced congestion	50.4
Online scheduling and ticket sales has made public transport easier to use	59.2
The city provides information on traffic congestion through mobile phones	55.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	50.9
IT skills are taught well in schools	53.4
Online services provided by the city has made it easier to start a new business	46.8
The current internet speed and reliability meet connectivity needs	65.0

Governance

Online public access to city finances has reduced corruption	35.2
Online voting has increased participation	47.4
An online platform where residents can propose ideas has improved city life	44.3
Processing Identification Documents online has reduced waiting times	59.5

Mecca

SMART CITY RANKING

50

out of 148

39 in 2025
out of 146

SMART CITY RATING

B

BB in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,814,000 – 2,428,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.871*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

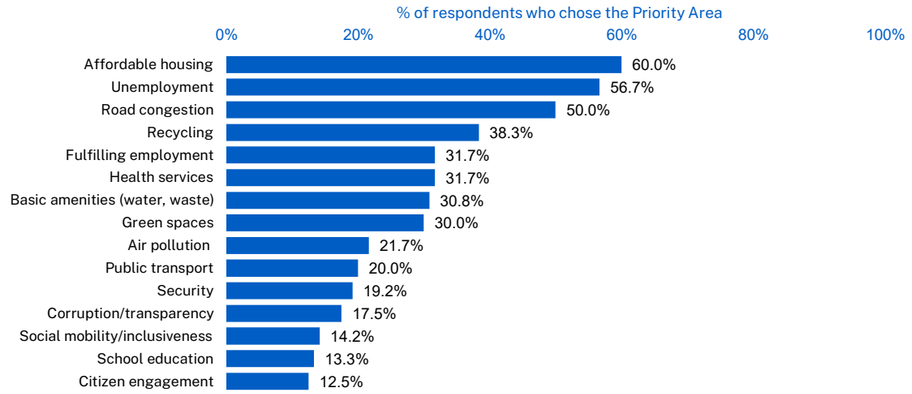
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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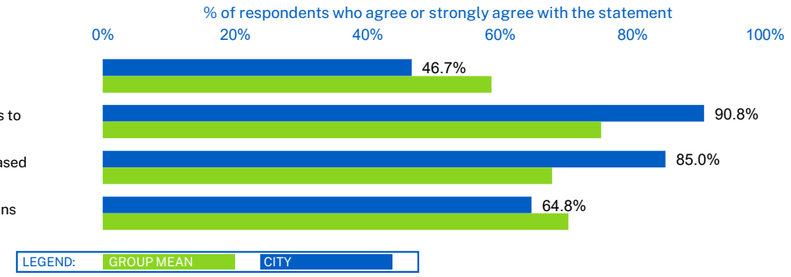


Medan

SMART CITY RANKING

118

out of 148

113 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

2,491,000 – 3,632,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.719*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

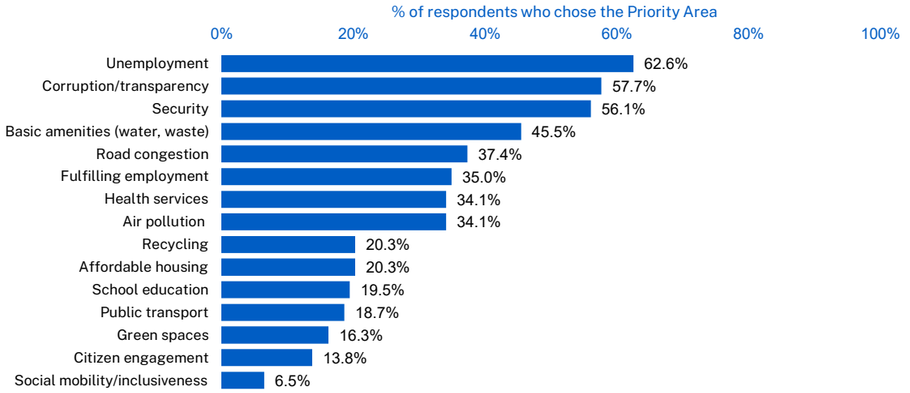
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Indonesia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.714	0.710	0.707	0.726	0.728	+0.002
Life expectancy at birth	70.3	68.8	67.5	70.9	71.1	+0.22
Expected years of schooling	13.2	13.3	13.4	13.4	13.3	-0.08
Mean years of schooling	8.4	8.6	8.7	8.7	8.7	+0.00
GNI per capita (PPP $)	12,511	12,192	12,547	13,107	13,700	+594

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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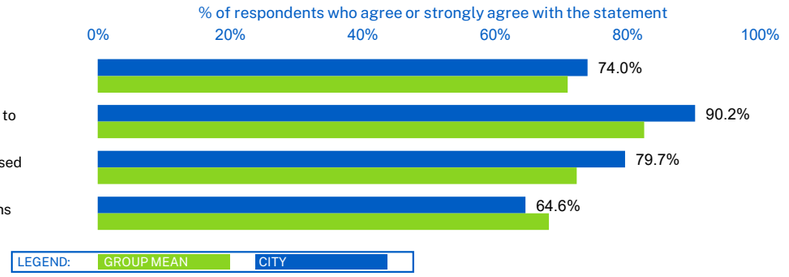


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.5

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	63.8
Recycling services are satisfactory	54.4
Public safety is not a problem	49.8
Air pollution is not a problem	41.1
Medical services provision is satisfactory	67.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	58.9

Mobility

Traffic congestion is not a problem	33.5
Public transport is satisfactory	65.3

Activities

Green spaces are satisfactory	63.7
Cultural activities (shows, bars, and museums) are satisfactory	72.5

Opportunities (Work & School)

Employment finding services are readily available	58.7
Most children have access to a good school	68.9
Lifelong learning opportunities are provided by local institutions	56.3
Businesses are creating new jobs	75.3
Minorities feel welcome	76.0

Governance

Information on local government decisions are easily accessible	64.9
Corruption of city officials is not an issue of concern	25.7
Residents contribute to decision making of local government	59.6
Residents provide feedback on local government projects	54.7

TECHNOLOGIES

Factor average: 66.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	58.5
A website or App allows residents to easily give away unwanted items	60.9
Free public wifi has improved access to city services	59.2
CCTV cameras has made residents feel safer	70.5
A website or App allows residents to effectively monitor air pollution	59.6
Arranging medical appointments online has improved access	75.2

Mobility

Car-sharing Apps have reduced congestion	59.8
Apps that direct you to an available parking space have reduced journey time	59.6
Bicycle hiring has reduced congestion	55.1
Online scheduling and ticket sales has made public transport easier to use	80.4
The city provides information on traffic congestion through mobile phones	62.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	77.8
IT skills are taught well in schools	69.6
Online services provided by the city has made it easier to start a new business	72.2
The current internet speed and reliability meet connectivity needs	74.8

Governance

Online public access to city finances has reduced corruption	49.6
Online voting has increased participation	58.1
An online platform where residents can propose ideas has improved city life	64.6
Processing Identification Documents online has reduced waiting times	74.7

Medellin

SMART CITY RANKING

121

out of 148

118 in 2025
out of 146

SMART CITY RATING

C

CC in 2025

FACTOR RATINGS

C

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

2,560,000 – 4,140,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.763*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

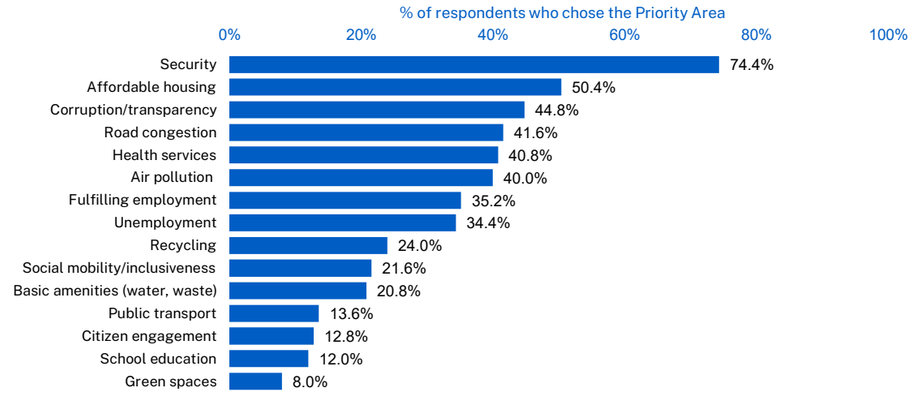
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Colombia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.777	0.764	0.762	0.782	0.788	+0.006
Life expectancy at birth	76.8	74.8	72.7	76.5	77.7	+1.22
Expected years of schooling	14.5	14.3	14.4	14.3	14.3	+0.00
Mean years of schooling	8.6	8.9	9.0	9.0	9.0	+0.00
GNI per capita (PPP $)	17,170	15,911	17,310	18,321	18,666	+344

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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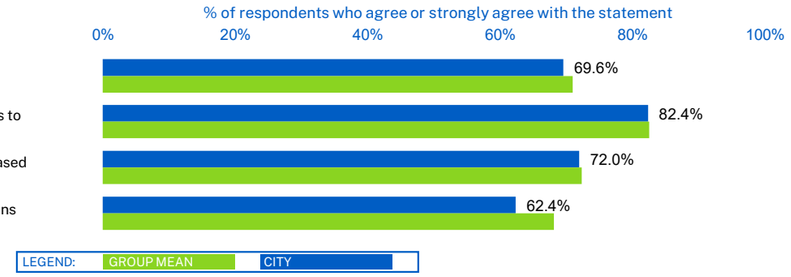


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	60.5
Recycling services are satisfactory	65.3
Public safety is not a problem	34.2
Air pollution is not a problem	31.4
Medical services provision is satisfactory	51.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	34.3

Mobility

Traffic congestion is not a problem	27.4
Public transport is satisfactory	67.3

Activities

Green spaces are satisfactory	81.4
Cultural activities (shows, bars, and museums) are satisfactory	83.2

Opportunities (Work & School)

Employment finding services are readily available	66.5
Most children have access to a good school	64.8
Lifelong learning opportunities are provided by local institutions	66.8
Businesses are creating new jobs	62.2
Minorities feel welcome	61.1

Governance

Information on local government decisions are easily accessible	59.4
Corruption of city officials is not an issue of concern	29.7
Residents contribute to decision making of local government	41.0
Residents provide feedback on local government projects	51.8

TECHNOLOGIES

Factor average: 60.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	53.8
A website or App allows residents to easily give away unwanted items	49.3
Free public wifi has improved access to city services	66.7
CCTV cameras has made residents feel safer	58.2
A website or App allows residents to effectively monitor air pollution	56.2
Arranging medical appointments online has improved access	65.3

Mobility

Car-sharing Apps have reduced congestion	50.7
Apps that direct you to an available parking space have reduced journey time	53.3
Bicycle hiring has reduced congestion	57.9
Online scheduling and ticket sales has made public transport easier to use	66.6
The city provides information on traffic congestion through mobile phones	67.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.1
IT skills are taught well in schools	59.9
Online services provided by the city has made it easier to start a new business	63.7
The current internet speed and reliability meet connectivity needs	74.5

Governance

Online public access to city finances has reduced corruption	41.5
Online voting has increased participation	45.5
An online platform where residents can propose ideas has improved city life	53.8
Processing Identification Documents online has reduced waiting times	70.6

Medina

SMART CITY RANKING

67

out of 148

67 in 2025
out of 146

SMART CITY RATING

B

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,384,000 – 1,600,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.871*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

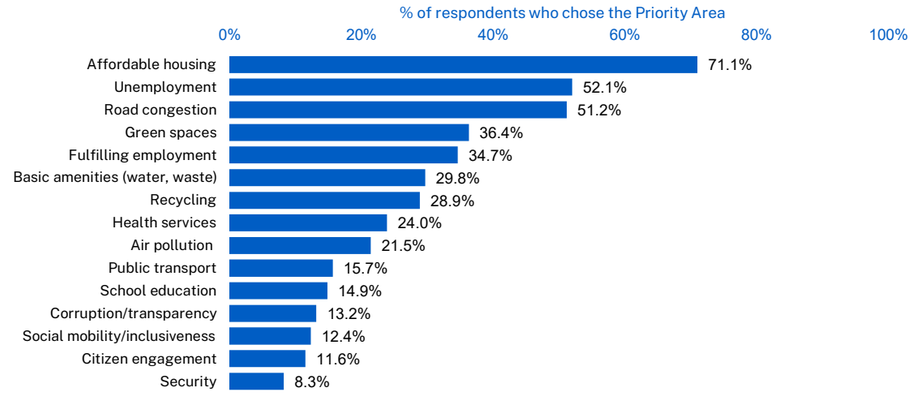
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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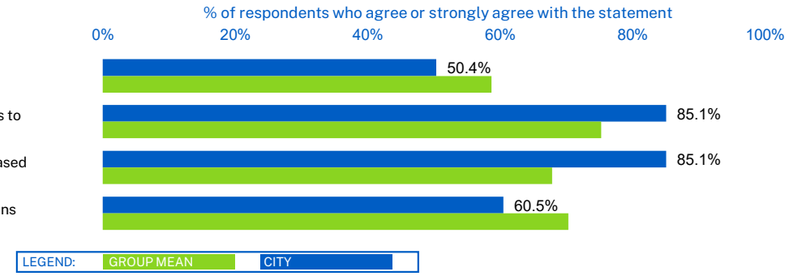


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 63.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	83.2
Recycling services are satisfactory	71.0
Public safety is not a problem	48.2
Air pollution is not a problem	30.8
Medical services provision is satisfactory	78.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	51.6

Mobility

Traffic congestion is not a problem	37.0
Public transport is satisfactory	72.0

Activities

Green spaces are satisfactory	67.4
Cultural activities (shows, bars, and museums) are satisfactory	75.9

Opportunities (Work & School)

Employment finding services are readily available	54.6
Most children have access to a good school	78.3
Lifelong learning opportunities are provided by local institutions	69.8
Businesses are creating new jobs	58.5
Minorities feel welcome	71.4

Governance

Information on local government decisions are easily accessible	78.6
Corruption of city officials is not an issue of concern	51.9
Residents contribute to decision making of local government	61.6
Residents provide feedback on local government projects	59.8

TECHNOLOGIES

Factor average: 69.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	74.1
A website or App allows residents to easily give away unwanted items	67.7
Free public wifi has improved access to city services	58.6
CCTV cameras has made residents feel safer	77.9
A website or App allows residents to effectively monitor air pollution	55.0
Arranging medical appointments online has improved access	83.0

Mobility

Car-sharing Apps have reduced congestion	62.7
Apps that direct you to an available parking space have reduced journey time	65.1
Bicycle hiring has reduced congestion	64.8
Online scheduling and ticket sales has made public transport easier to use	77.5
The city provides information on traffic congestion through mobile phones	64.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.1
IT skills are taught well in schools	70.4
Online services provided by the city has made it easier to start a new business	72.7
The current internet speed and reliability meet connectivity needs	77.2

Governance

Online public access to city finances has reduced corruption	65.7
Online voting has increased participation	66.1
An online platform where residents can propose ideas has improved city life	68.9
Processing Identification Documents online has reduced waiting times	80.4

Melbourne

SMART CITY RANKING

60

out of 148

44 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

5,199,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.942*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

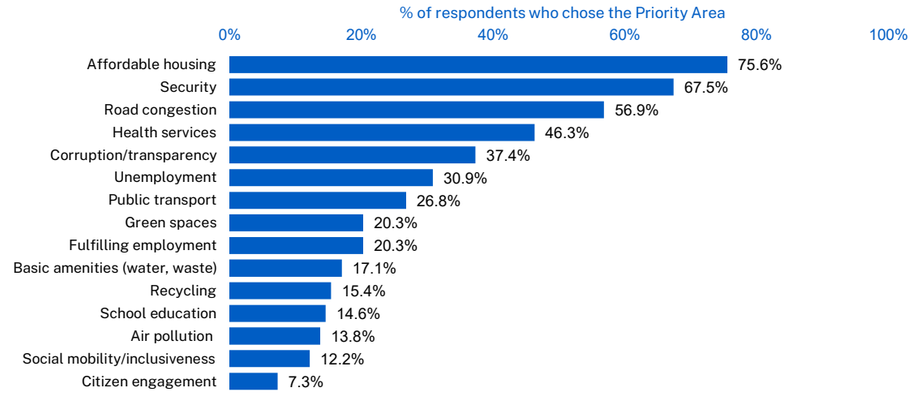
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Australia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.950	0.954	0.952	0.958	+0.006
Life expectancy at birth	83.2	83.7	83.6	82.8	83.9	+1.16
Expected years of schooling	21.4	20.9	21.1	20.7	20.7	+0.00
Mean years of schooling	12.6	12.6	12.8	12.9	12.9	+0.00
GNI per capita (PPP $)	53,813	53,837	56,782	58,256	58,277	+21

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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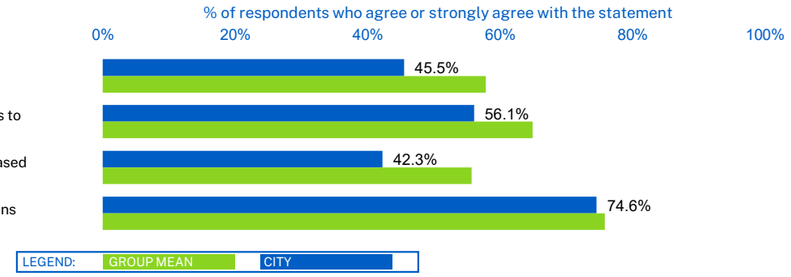


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.0

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	69.5
Recycling services are satisfactory	70.7
Public safety is not a problem	33.5
Air pollution is not a problem	55.5
Medical services provision is satisfactory	62.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	25.3

Mobility

Traffic congestion is not a problem	24.5
Public transport is satisfactory	54.9

Activities

Green spaces are satisfactory	73.8
Cultural activities (shows, bars, and museums) are satisfactory	80.1

Opportunities (Work & School)

Employment finding services are readily available	62.5
Most children have access to a good school	70.1
Lifelong learning opportunities are provided by local institutions	68.9
Businesses are creating new jobs	56.9
Minorities feel welcome	56.1

Governance

Information on local government decisions are easily accessible	53.0
Corruption of city officials is not an issue of concern	41.0
Residents contribute to decision making of local government	45.1
Residents provide feedback on local government projects	61.1

TECHNOLOGIES

Factor average: 53.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	48.7
A website or App allows residents to easily give away unwanted items	59.6
Free public wifi has improved access to city services	58.3
CCTV cameras has made residents feel safer	57.9
A website or App allows residents to effectively monitor air pollution	43.0
Arranging medical appointments online has improved access	71.4

Mobility

Car-sharing Apps have reduced congestion	40.7
Apps that direct you to an available parking space have reduced journey time	40.4
Bicycle hiring has reduced congestion	38.2
Online scheduling and ticket sales has made public transport easier to use	53.6
The city provides information on traffic congestion through mobile phones	56.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.8
IT skills are taught well in schools	53.5
Online services provided by the city has made it easier to start a new business	48.6
The current internet speed and reliability meet connectivity needs	67.2

Governance

Online public access to city finances has reduced corruption	37.4
Online voting has increased participation	52.2
An online platform where residents can propose ideas has improved city life	44.9
Processing Identification Documents online has reduced waiting times	57.8

Mexico City

SMART CITY RANKING

123

out of 148

119 in 2025
out of 146

SMART CITY RATING

CC

C in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

9,210,000 – 22,510,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.839*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

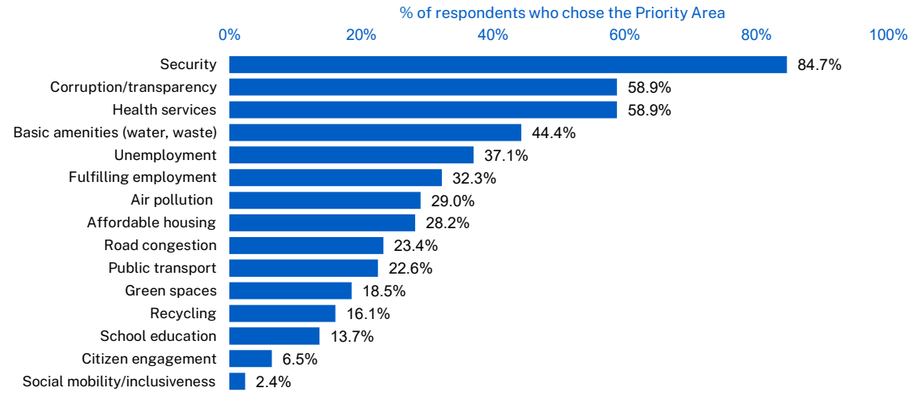
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Mexico	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.788	0.763	0.761	0.783	0.789	+0.006
Life expectancy at birth	74.5	70.4	69.8	74.0	75.1	+1.10
Expected years of schooling	14.9	14.8	14.5	14.5	14.5	+0.00
Mean years of schooling	9.1	9.2	9.3	9.3	9.3	+0.00
GNI per capita (PPP $)	21,521	19,448	20,588	21,335	21,813	+478

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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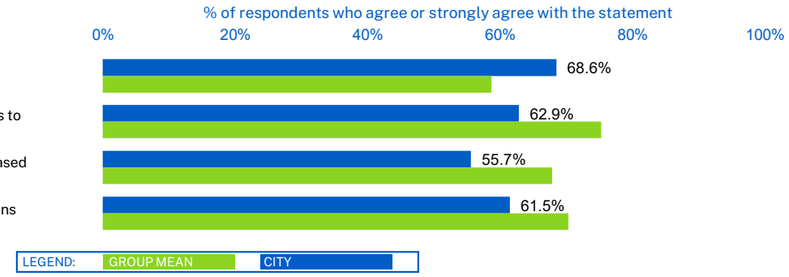


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 44.7

Score (0 20 40 60 80 100)

Health & Safety

- Basic sanitation meets the needs of the poorest areas 47.3
- Recycling services are satisfactory 48.2
- Public safety is not a problem 24.3
- Air pollution is not a problem 25.8
- Medical services provision is satisfactory 40.3
- Finding housing with rent equal to 30% or less of a monthly salary is not a problem 33.1

Mobility

- Traffic congestion is not a problem 24.2
- Public transport is satisfactory 40.4

Activities

- Green spaces are satisfactory 64.0
- Cultural activities (shows, bars, and museums) are satisfactory 73.0

Opportunities (Work & School)

- Employment finding services are readily available 55.6
- Most children have access to a good school 42.1
- Lifelong learning opportunities are provided by local institutions 51.8
- Businesses are creating new jobs 60.1
- Minorities feel welcome 47.6

Governance

- Information on local government decisions are easily accessible 55.1
- Corruption of city officials is not an issue of concern 24.5
- Residents contribute to decision making of local government 43.3
- Residents provide feedback on local government projects 48.4

TECHNOLOGIES

Factor average: 57.1

Score (0 20 40 60 80 100)

Health & Safety

- Online reporting of city maintenance problems provides a speedy solution 48.2
- A website or App allows residents to easily give away unwanted items 53.1
- Free public wifi has improved access to city services 62.4
- CCTV cameras has made residents feel safer 53.8
- A website or App allows residents to effectively monitor air pollution 50.4
- Arranging medical appointments online has improved access 60.1

Mobility

- Car-sharing Apps have reduced congestion 45.4
- Apps that direct you to an available parking space have reduced journey time 51.5
- Bicycle hiring has reduced congestion 55.6
- Online scheduling and ticket sales has made public transport easier to use 63.4
- The city provides information on traffic congestion through mobile phones 65.5

Activities

- Online purchasing of tickets to shows and museums has made it easier to attend 77.7

Opportunities (Work & School)

- Online access to job listings has made it easier to find work 64.5
- IT skills are taught well in schools 53.7
- Online services provided by the city has made it easier to start a new business 59.2
- The current internet speed and reliability meet connectivity needs 69.1

Governance

- Online public access to city finances has reduced corruption 39.1
- Online voting has increased participation 49.8
- An online platform where residents can propose ideas has improved city life 50.8
- Processing Identification Documents online has reduced waiting times 68.3

Milan

SMART CITY RANKING

101

out of 148

97 in 2025
out of 146

SMART CITY RATING

B

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,389,000 – 3,160,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.927*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

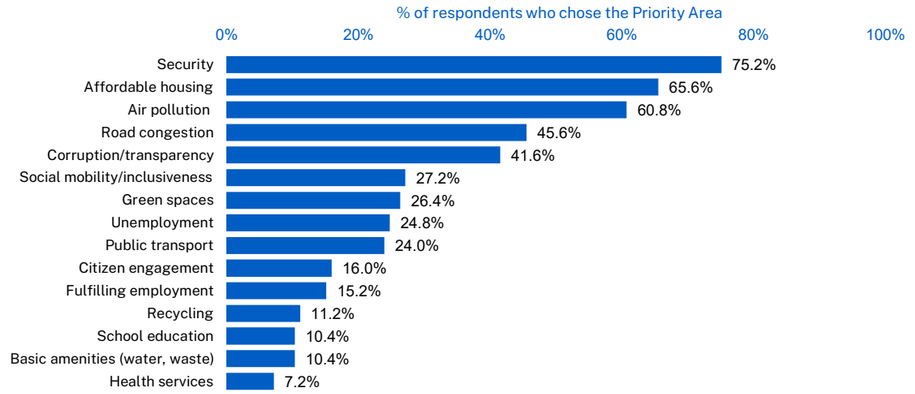
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Italy	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.906	0.899	0.908	0.905	0.915	+0.010
Life expectancy at birth	83.3	82.2	82.9	82.1	83.7	+1.66
Expected years of schooling	16.4	16.5	16.6	16.7	16.7	+0.00
Mean years of schooling	10.7	10.7	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	50,720	47,034	50,539	50,900	52,389	+1,489

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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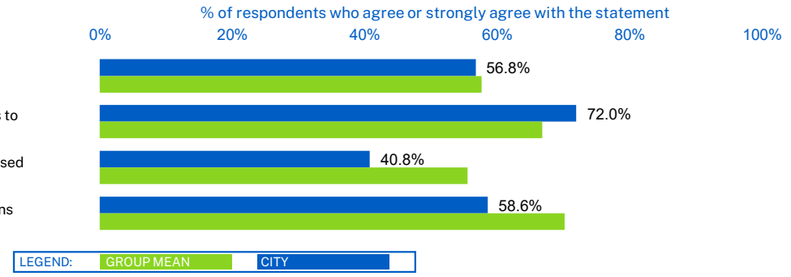


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 46.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	55.0
Recycling services are satisfactory	73.4
Public safety is not a problem	25.0
Air pollution is not a problem	19.7
Medical services provision is satisfactory	50.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	51.2

Mobility

Traffic congestion is not a problem	19.2
Public transport is satisfactory	54.2

Activities

Green spaces are satisfactory	55.3
Cultural activities (shows, bars, and museums) are satisfactory	76.0

Opportunities (Work & School)

Employment finding services are readily available	45.0
Most children have access to a good school	62.7
Lifelong learning opportunities are provided by local institutions	58.2
Businesses are creating new jobs	48.0
Minorities feel welcome	38.9

Governance

Information on local government decisions are easily accessible	51.1
Corruption of city officials is not an issue of concern	31.8
Residents contribute to decision making of local government	33.6
Residents provide feedback on local government projects	42.4

TECHNOLOGIES

Factor average: 54.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.9
A website or App allows residents to easily give away unwanted items	60.8
Free public wifi has improved access to city services	51.2
CCTV cameras has made residents feel safer	50.4
A website or App allows residents to effectively monitor air pollution	53.3
Arranging medical appointments online has improved access	65.0

Mobility

Car-sharing Apps have reduced congestion	41.8
Apps that direct you to an available parking space have reduced journey time	46.6
Bicycle hiring has reduced congestion	50.1
Online scheduling and ticket sales has made public transport easier to use	70.7
The city provides information on traffic congestion through mobile phones	52.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.3

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.6
IT skills are taught well in schools	47.0
Online services provided by the city has made it easier to start a new business	50.1
The current internet speed and reliability meet connectivity needs	60.4

Governance

Online public access to city finances has reduced corruption	40.2
Online voting has increased participation	40.3
An online platform where residents can propose ideas has improved city life	46.4
Processing Identification Documents online has reduced waiting times	65.0

Montreal

SMART CITY RANKING

86

out of 148

81 in 2025
out of 146

SMART CITY RATING

B

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,877,000 – 4,340,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.926*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

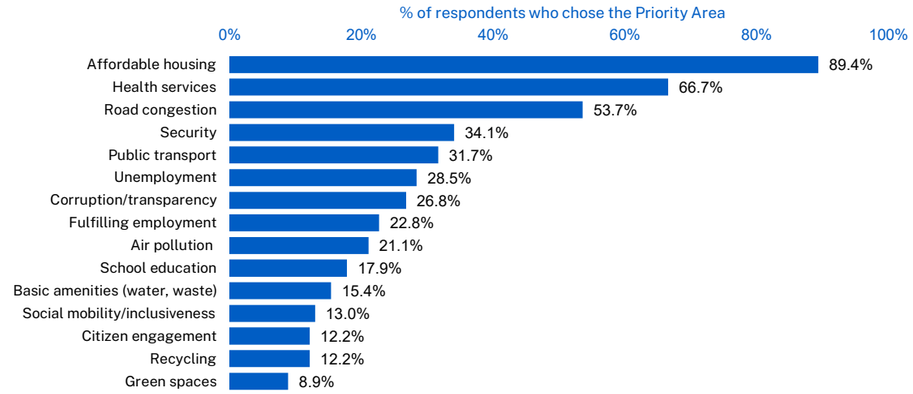
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Canada	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.937	0.931	0.937	0.935	0.939	+0.004
Life expectancy at birth	82.3	81.7	82.0	81.2	82.6	+1.38
Expected years of schooling	15.9	15.9	16.0	15.9	15.9	+0.00
Mean years of schooling	13.8	13.8	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	54,499	50,925	55,302	56,952	54,688	-2,264

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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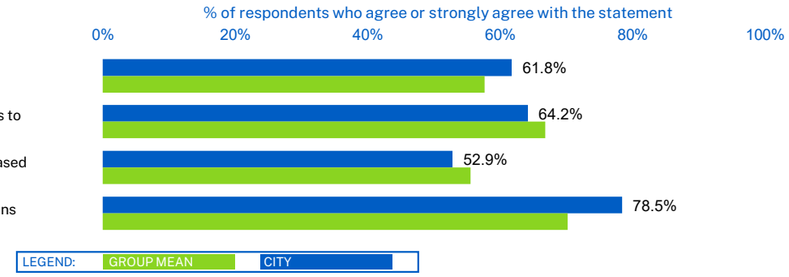


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 53.8

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	60.3
Recycling services are satisfactory	69.9
Public safety is not a problem	52.2
Air pollution is not a problem	40.7
Medical services provision is satisfactory	39.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	18.9

Mobility

Traffic congestion is not a problem	19.1
Public transport is satisfactory	51.5

Activities

Green spaces are satisfactory	72.6
Cultural activities (shows, bars, and museums) are satisfactory	79.2

Opportunities (Work & School)

Employment finding services are readily available	64.9
Most children have access to a good school	69.1
Lifelong learning opportunities are provided by local institutions	66.1
Businesses are creating new jobs	56.2
Minorities feel welcome	63.0

Governance

Information on local government decisions are easily accessible	60.1
Corruption of city officials is not an issue of concern	42.5
Residents contribute to decision making of local government	43.2
Residents provide feedback on local government projects	54.2

TECHNOLOGIES

Factor average: 52.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	41.0
A website or App allows residents to easily give away unwanted items	58.2
Free public wifi has improved access to city services	53.2
CCTV cameras has made residents feel safer	49.8
A website or App allows residents to effectively monitor air pollution	47.5
Arranging medical appointments online has improved access	52.9

Mobility

Car-sharing Apps have reduced congestion	39.4
Apps that direct you to an available parking space have reduced journey time	40.5
Bicycle hiring has reduced congestion	46.2
Online scheduling and ticket sales has made public transport easier to use	63.4
The city provides information on traffic congestion through mobile phones	55.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	68.2
IT skills are taught well in schools	53.3
Online services provided by the city has made it easier to start a new business	49.7
The current internet speed and reliability meet connectivity needs	73.4

Governance

Online public access to city finances has reduced corruption	39.6
Online voting has increased participation	46.0
An online platform where residents can propose ideas has improved city life	45.2
Processing Identification Documents online has reduced waiting times	53.6

Mumbai

SMART CITY RANKING

113

out of 148

106 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

14,681,000 – 24,973,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.695*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

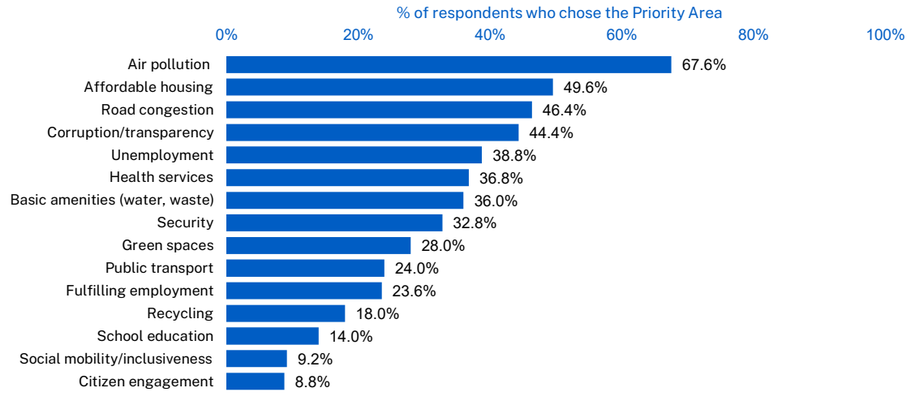
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

India	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.651	0.652	0.647	0.676	0.685	+0.009
Life expectancy at birth	70.7	70.2	67.3	71.7	72.0	+0.31
Expected years of schooling	11.8	12.1	12.4	13.0	13.0	-0.00
Mean years of schooling	6.3	6.5	6.5	6.6	6.9	+0.31
GNI per capita (PPP $)	7,895	7,332	7,993	8,476	9,047	+571

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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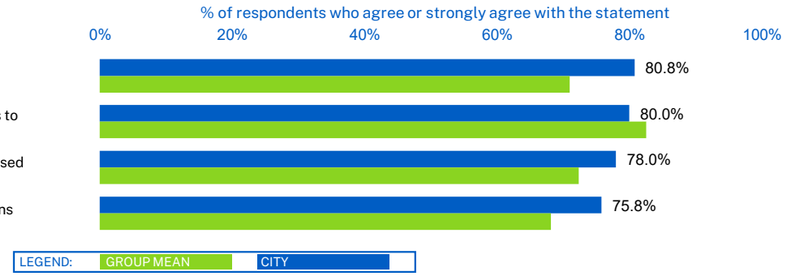


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 61.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	71.2
Recycling services are satisfactory	69.0
Public safety is not a problem	47.4
Air pollution is not a problem	25.5
Medical services provision is satisfactory	72.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	42.8

Mobility

Traffic congestion is not a problem	21.6
Public transport is satisfactory	68.6

Activities

Green spaces are satisfactory	66.9
Cultural activities (shows, bars, and museums) are satisfactory	78.1

Opportunities (Work & School)

Employment finding services are readily available	71.8
Most children have access to a good school	71.2
Lifelong learning opportunities are provided by local institutions	68.2
Businesses are creating new jobs	80.2
Minorities feel welcome	75.1

Governance

Information on local government decisions are easily accessible	73.5
Corruption of city officials is not an issue of concern	32.9
Residents contribute to decision making of local government	63.8
Residents provide feedback on local government projects	67.3

TECHNOLOGIES

Factor average: 72.0

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	67.4
A website or App allows residents to easily give away unwanted items	59.7
Free public wifi has improved access to city services	67.6
CCTV cameras has made residents feel safer	82.7
A website or App allows residents to effectively monitor air pollution	61.9
Arranging medical appointments online has improved access	80.2

Mobility

Car-sharing Apps have reduced congestion	67.8
Apps that direct you to an available parking space have reduced journey time	63.7
Bicycle hiring has reduced congestion	61.3
Online scheduling and ticket sales has made public transport easier to use	80.9
The city provides information on traffic congestion through mobile phones	76.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	85.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	79.8
IT skills are taught well in schools	69.7
Online services provided by the city has made it easier to start a new business	79.3
The current internet speed and reliability meet connectivity needs	84.1

Governance

Online public access to city finances has reduced corruption	60.6
Online voting has increased participation	64.6
An online platform where residents can propose ideas has improved city life	68.0
Processing Identification Documents online has reduced waiting times	79.4

Munich

SMART CITY RANKING

19

out of 148

24 in 2025
out of 146

SMART CITY RATING

A

A in 2025

FACTOR RATINGS

A

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,563,000 – 2,606,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.958*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

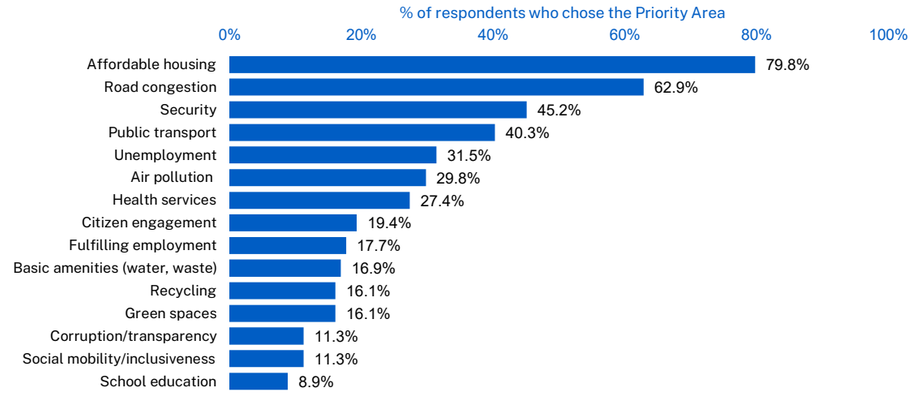
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Germany	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.957	0.955	0.958	0.955	0.959	+0.004
Life expectancy at birth	81.2	81.0	81.1	80.6	81.4	+0.80
Expected years of schooling	17.2	17.2	17.3	17.3	17.3	+0.00
Mean years of schooling	14.2	14.3	14.3	14.3	14.3	+0.00
GNI per capita (PPP $)	65,153	62,478	64,326	63,619	64,053	+435

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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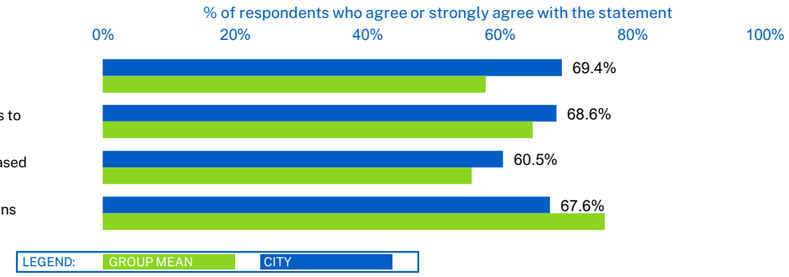


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 61.3

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	72.8
Recycling services are satisfactory	78.8
Public safety is not a problem	59.5
Air pollution is not a problem	49.0
Medical services provision is satisfactory	71.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.3

Mobility

Traffic congestion is not a problem	32.3
Public transport is satisfactory	61.4

Activities

Green spaces are satisfactory	74.5
Cultural activities (shows, bars, and museums) are satisfactory	82.6

Opportunities (Work & School)

Employment finding services are readily available	65.1
Most children have access to a good school	69.0
Lifelong learning opportunities are provided by local institutions	63.0
Businesses are creating new jobs	63.3
Minorities feel welcome	59.9

Governance

Information on local government decisions are easily accessible	64.2
Corruption of city officials is not an issue of concern	59.6
Residents contribute to decision making of local government	55.0
Residents provide feedback on local government projects	60.8

TECHNOLOGIES

Factor average: 56.0

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.4
A website or App allows residents to easily give away unwanted items	55.6
Free public wifi has improved access to city services	58.7
CCTV cameras has made residents feel safer	54.5
A website or App allows residents to effectively monitor air pollution	42.1
Arranging medical appointments online has improved access	57.1

Mobility

Car-sharing Apps have reduced congestion	44.7
Apps that direct you to an available parking space have reduced journey time	46.4
Bicycle hiring has reduced congestion	48.6
Online scheduling and ticket sales has made public transport easier to use	69.0
The city provides information on traffic congestion through mobile phones	58.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.5
IT skills are taught well in schools	56.0
Online services provided by the city has made it easier to start a new business	50.4
The current internet speed and reliability meet connectivity needs	69.0

Governance

Online public access to city finances has reduced corruption	42.1
Online voting has increased participation	57.0
An online platform where residents can propose ideas has improved city life	53.3
Processing Identification Documents online has reduced waiting times	55.2

Muscat

SMART CITY RANKING

103

out of 148

87 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,074,000 – 1,720,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.819*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

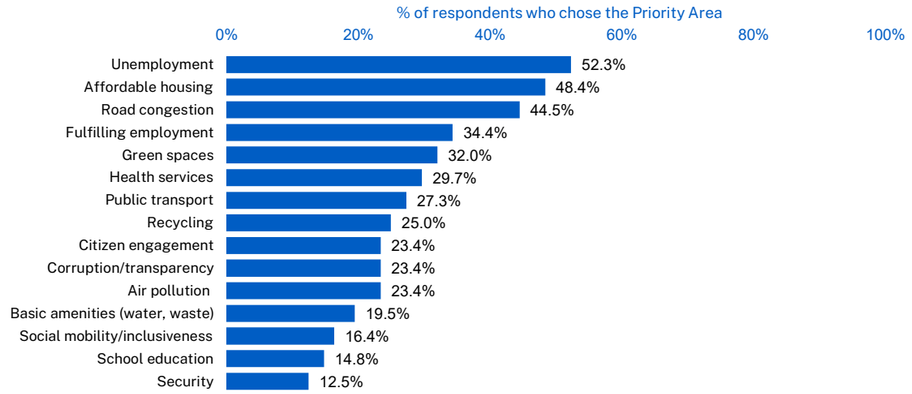
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Oman	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.857	0.843	0.834	0.846	0.858	+0.012
Life expectancy at birth	79.9	77.8	76.0	77.9	80.0	+2.12
Expected years of schooling	14.0	13.2	13.0	13.2	13.4	+0.24
Mean years of schooling	11.4	11.9	11.9	11.9	11.9	+0.00
GNI per capita (PPP $)	35,761	35,040	36,293	36,652	36,096	-556

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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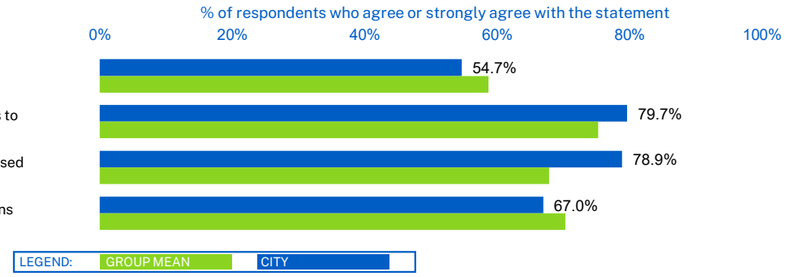


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 60.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	75.9
Recycling services are satisfactory	68.8
Public safety is not a problem	62.8
Air pollution is not a problem	49.4
Medical services provision is satisfactory	70.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	49.3

Mobility

Traffic congestion is not a problem	36.3
Public transport is satisfactory	65.3

Activities

Green spaces are satisfactory	67.7
Cultural activities (shows, bars, and museums) are satisfactory	68.3

Opportunities (Work & School)

Employment finding services are readily available	45.7
Most children have access to a good school	76.7
Lifelong learning opportunities are provided by local institutions	64.0
Businesses are creating new jobs	56.1
Minorities feel welcome	70.7

Governance

Information on local government decisions are easily accessible	68.9
Corruption of city officials is not an issue of concern	47.9
Residents contribute to decision making of local government	47.9
Residents provide feedback on local government projects	54.9

TECHNOLOGIES

Factor average: 64.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	66.5
A website or App allows residents to easily give away unwanted items	64.3
Free public wifi has improved access to city services	59.2
CCTV cameras has made residents feel safer	76.0
A website or App allows residents to effectively monitor air pollution	46.8
Arranging medical appointments online has improved access	71.8

Mobility

Car-sharing Apps have reduced congestion	54.4
Apps that direct you to an available parking space have reduced journey time	57.0
Bicycle hiring has reduced congestion	44.6
Online scheduling and ticket sales has made public transport easier to use	69.9
The city provides information on traffic congestion through mobile phones	60.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	68.6
IT skills are taught well in schools	67.2
Online services provided by the city has made it easier to start a new business	71.7
The current internet speed and reliability meet connectivity needs	77.9

Governance

Online public access to city finances has reduced corruption	61.0
Online voting has increased participation	61.0
An online platform where residents can propose ideas has improved city life	58.2
Processing Identification Documents online has reduced waiting times	75.0

Nairobi

SMART CITY RANKING

136

out of 148

136 in 2025
out of 146

SMART CITY RATING

C

D in 2025

FACTOR RATINGS

D

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

4,721,000 – 5,545,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.663*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

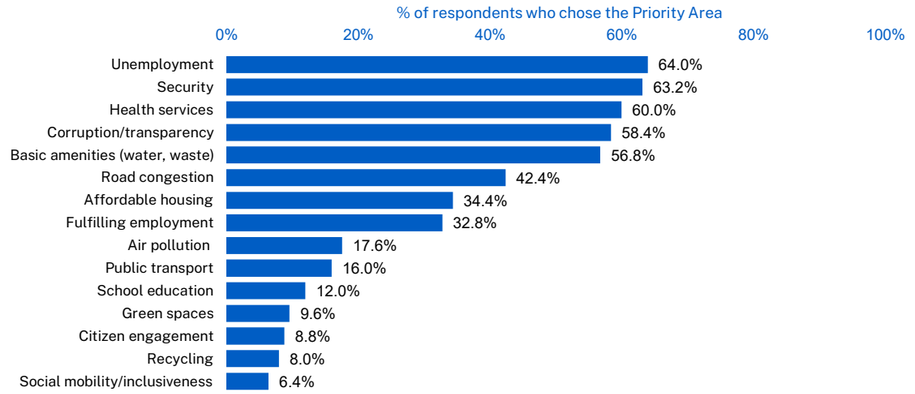
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Kenya	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.611	0.600	0.608	0.626	0.628	+0.002
Life expectancy at birth	62.9	61.6	61.2	63.5	63.6	+0.10
Expected years of schooling	11.3	11.4	11.5	11.5	11.5	+0.00
Mean years of schooling	8.0	7.7	8.2	8.6	8.6	+0.00
GNI per capita (PPP $)	5,115	4,993	5,271	5,431	5,608	+177

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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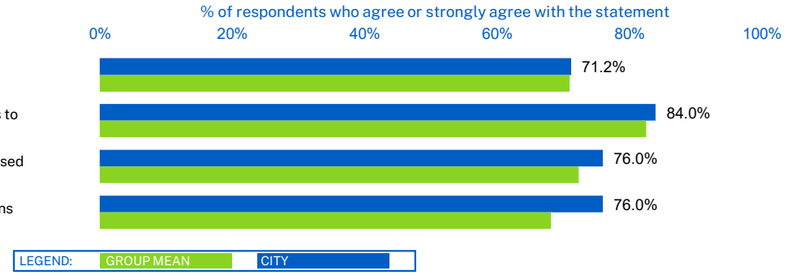


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 44.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	43.0
Recycling services are satisfactory	49.1
Public safety is not a problem	28.3
Air pollution is not a problem	22.4
Medical services provision is satisfactory	50.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	35.3

Mobility

Traffic congestion is not a problem	13.1
Public transport is satisfactory	52.6

Activities

Green spaces are satisfactory	63.9
Cultural activities (shows, bars, and museums) are satisfactory	75.0

Opportunities (Work & School)

Employment finding services are readily available	30.9
Most children have access to a good school	44.2
Lifelong learning opportunities are provided by local institutions	53.1
Businesses are creating new jobs	68.9
Minorities feel welcome	56.0

Governance

Information on local government decisions are easily accessible	53.6
Corruption of city officials is not an issue of concern	13.2
Residents contribute to decision making of local government	34.3
Residents provide feedback on local government projects	53.7

TECHNOLOGIES

Factor average: 57.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	48.5
A website or App allows residents to easily give away unwanted items	40.8
Free public wifi has improved access to city services	57.7
CCTV cameras has made residents feel safer	68.3
A website or App allows residents to effectively monitor air pollution	30.2
Arranging medical appointments online has improved access	63.4

Mobility

Car-sharing Apps have reduced congestion	57.3
Apps that direct you to an available parking space have reduced journey time	53.4
Bicycle hiring has reduced congestion	36.3
Online scheduling and ticket sales has made public transport easier to use	63.9
The city provides information on traffic congestion through mobile phones	54.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	70.2
IT skills are taught well in schools	68.8
Online services provided by the city has made it easier to start a new business	65.4
The current internet speed and reliability meet connectivity needs	76.3

Governance

Online public access to city finances has reduced corruption	36.1
Online voting has increased participation	50.4
An online platform where residents can propose ideas has improved city life	53.8
Processing Identification Documents online has reduced waiting times	69.8

Nanjing

SMART CITY RANKING

56

out of 148

58 in 2025
out of 146

SMART CITY RATING

BB

B in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

9,572,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.827*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

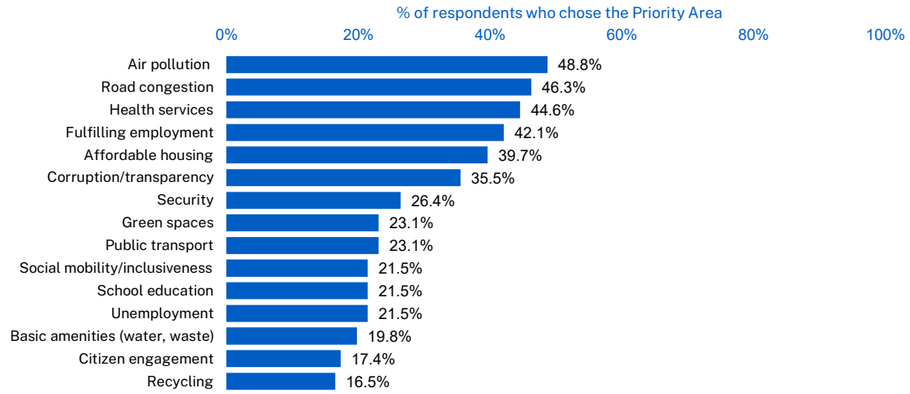
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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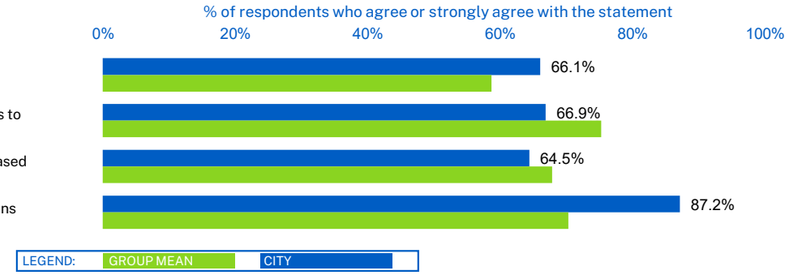


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	84.5
Recycling services are satisfactory	74.9
Public safety is not a problem	77.6
Air pollution is not a problem	62.9
Medical services provision is satisfactory	81.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	66.9

Mobility

Traffic congestion is not a problem	50.2
Public transport is satisfactory	70.5

Activities

Green spaces are satisfactory	84.5
Cultural activities (shows, bars, and museums) are satisfactory	82.4

Opportunities (Work & School)

Employment finding services are readily available	78.7
Most children have access to a good school	77.6
Lifelong learning opportunities are provided by local institutions	68.7
Businesses are creating new jobs	73.8
Minorities feel welcome	80.3

Governance

Information on local government decisions are easily accessible	77.3
Corruption of city officials is not an issue of concern	57.1
Residents contribute to decision making of local government	60.2
Residents provide feedback on local government projects	69.6

TECHNOLOGIES

Factor average: 79.6

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	81.9
A website or App allows residents to easily give away unwanted items	78.6
Free public wifi has improved access to city services	76.5
CCTV cameras has made residents feel safer	81.0
A website or App allows residents to effectively monitor air pollution	74.3
Arranging medical appointments online has improved access	87.9

Mobility

Car-sharing Apps have reduced congestion	68.6
Apps that direct you to an available parking space have reduced journey time	82.2
Bicycle hiring has reduced congestion	78.6
Online scheduling and ticket sales has made public transport easier to use	86.2
The city provides information on traffic congestion through mobile phones	84.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	89.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	79.8
IT skills are taught well in schools	79.1
Online services provided by the city has made it easier to start a new business	76.4
The current internet speed and reliability meet connectivity needs	87.2

Governance

Online public access to city finances has reduced corruption	67.4
Online voting has increased participation	71.1
An online platform where residents can propose ideas has improved city life	77.6
Processing Identification Documents online has reduced waiting times	83.5

New York

SMART CITY RANKING

45

out of 148

49 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

8,250,000 – 18,832,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.937*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

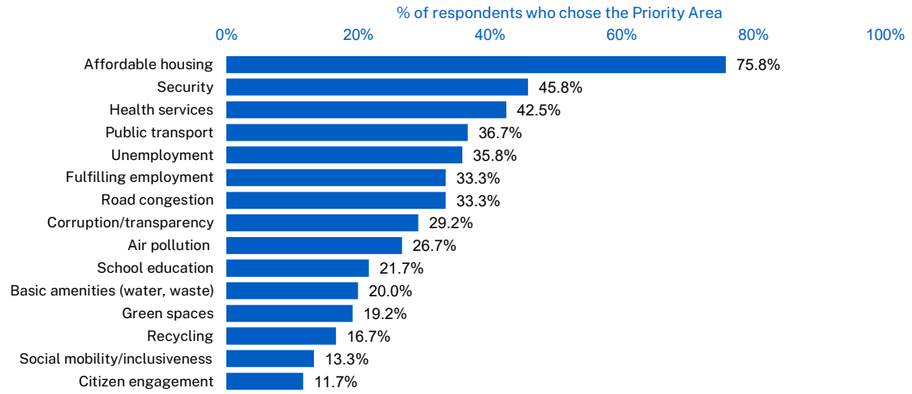
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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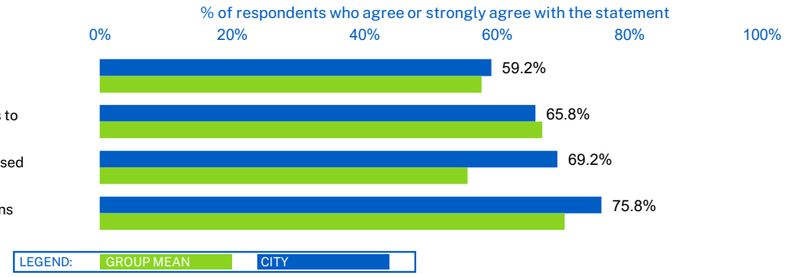


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.1

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	58.5
Recycling services are satisfactory	69.2
Public safety is not a problem	35.6
Air pollution is not a problem	33.2
Medical services provision is satisfactory	63.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.4

Mobility

Traffic congestion is not a problem	24.0
Public transport is satisfactory	55.0

Activities

Green spaces are satisfactory	60.9
Cultural activities (shows, bars, and museums) are satisfactory	78.9

Opportunities (Work & School)

Employment finding services are readily available	60.7
Most children have access to a good school	58.1
Lifelong learning opportunities are provided by local institutions	64.5
Businesses are creating new jobs	63.0
Minorities feel welcome	63.8

Governance

Information on local government decisions are easily accessible	62.7
Corruption of city officials is not an issue of concern	31.7
Residents contribute to decision making of local government	51.4
Residents provide feedback on local government projects	59.3

TECHNOLOGIES

Factor average: 58.9

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	49.9
A website or App allows residents to easily give away unwanted items	58.8
Free public wifi has improved access to city services	65.0
CCTV cameras has made residents feel safer	60.0
A website or App allows residents to effectively monitor air pollution	49.5
Arranging medical appointments online has improved access	68.1

Mobility

Car-sharing Apps have reduced congestion	50.7
Apps that direct you to an available parking space have reduced journey time	49.8
Bicycle hiring has reduced congestion	54.7
Online scheduling and ticket sales has made public transport easier to use	64.2
The city provides information on traffic congestion through mobile phones	64.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	68.2
IT skills are taught well in schools	53.1
Online services provided by the city has made it easier to start a new business	56.3
The current internet speed and reliability meet connectivity needs	71.9

Governance

Online public access to city finances has reduced corruption	43.0
Online voting has increased participation	59.8
An online platform where residents can propose ideas has improved city life	51.8
Processing Identification Documents online has reduced waiting times	61.9

Newcastle

SMART CITY RANKING

77

out of 148

75 in 2025
out of 146

SMART CITY RATING

CCC

BB in 2025

FACTOR RATINGS

B

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

300,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.911*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

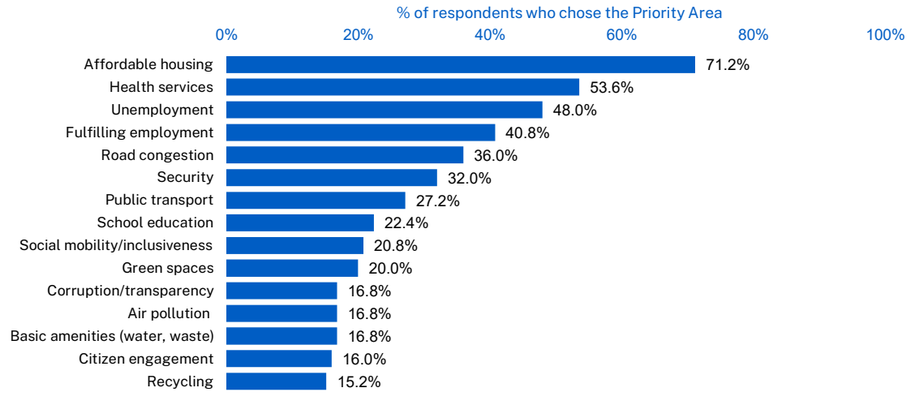
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United Kingdom	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.941	0.930	0.941	0.946	0.946	+0.000
Life expectancy at birth	81.4	80.4	80.7	81.1	81.3	+0.23
Expected years of schooling	17.3	17.4	17.7	17.8	17.8	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	54,624	47,829	53,132	55,258	54,372	-886

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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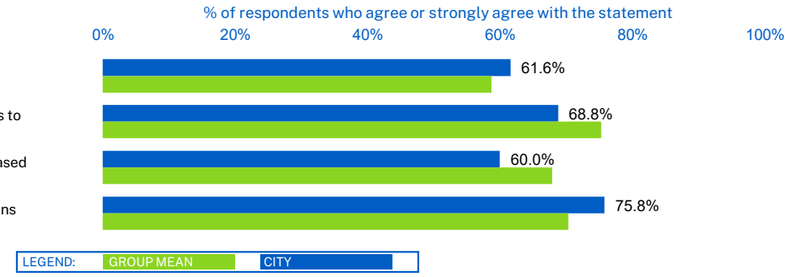


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 59.2

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.1
Recycling services are satisfactory	71.2
Public safety is not a problem	53.2
Air pollution is not a problem	52.4
Medical services provision is satisfactory	60.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	39.0

Mobility

Traffic congestion is not a problem	35.3
Public transport is satisfactory	60.7

Activities

Green spaces are satisfactory	69.4
Cultural activities (shows, bars, and museums) are satisfactory	83.2

Opportunities (Work & School)

Employment finding services are readily available	66.6
Most children have access to a good school	70.0
Lifelong learning opportunities are provided by local institutions	61.4
Businesses are creating new jobs	56.2
Minorities feel welcome	66.4

Governance

Information on local government decisions are easily accessible	58.4
Corruption of city officials is not an issue of concern	47.6
Residents contribute to decision making of local government	46.9
Residents provide feedback on local government projects	60.0

TECHNOLOGIES

Factor average: 54.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	49.6
A website or App allows residents to easily give away unwanted items	64.2
Free public wifi has improved access to city services	60.8
CCTV cameras has made residents feel safer	62.8
A website or App allows residents to effectively monitor air pollution	33.8
Arranging medical appointments online has improved access	55.8

Mobility

Car-sharing Apps have reduced congestion	41.0
Apps that direct you to an available parking space have reduced journey time	44.5
Bicycle hiring has reduced congestion	43.0
Online scheduling and ticket sales has made public transport easier to use	61.1
The city provides information on traffic congestion through mobile phones	49.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	68.4
IT skills are taught well in schools	63.6
Online services provided by the city has made it easier to start a new business	48.3
The current internet speed and reliability meet connectivity needs	73.3

Governance

Online public access to city finances has reduced corruption	40.0
Online voting has increased participation	55.9
An online platform where residents can propose ideas has improved city life	47.1
Processing Identification Documents online has reduced waiting times	54.9

Nicosia

SMART CITY RANKING

122

out of 148

122 in 2025
out of 146

SMART CITY RATING

C

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

164,000 – 900,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.907*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

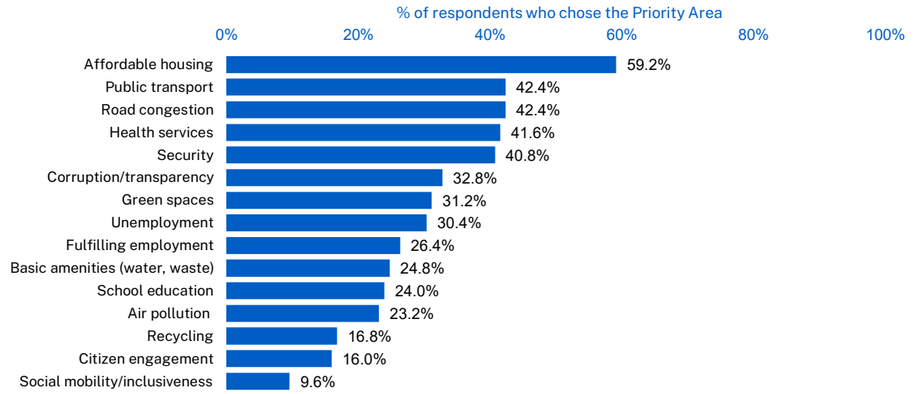
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Cyprus	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.907	0.905	0.907	0.908	0.913	+0.005
Life expectancy at birth	81.5	81.2	80.6	80.4	81.6	+1.21
Expected years of schooling	16.0	16.2	16.2	16.2	16.2	+0.00
Mean years of schooling	12.4	12.4	12.6	12.6	12.6	+0.00
GNI per capita (PPP $)	44,113	41,444	44,214	46,470	45,394	-1,076

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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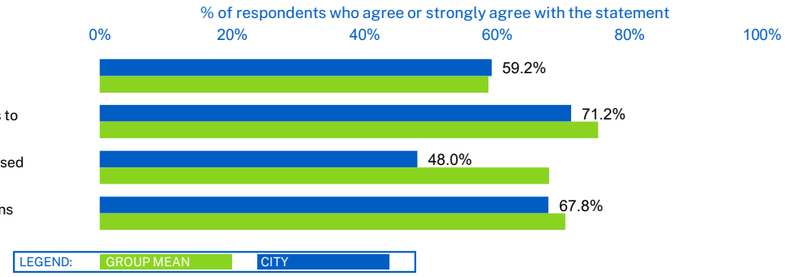


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 44.5

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	64.1
Recycling services are satisfactory	54.5
Public safety is not a problem	46.3
Air pollution is not a problem	35.3
Medical services provision is satisfactory	57.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.3

Mobility

Traffic congestion is not a problem	19.8
Public transport is satisfactory	28.4

Activities

Green spaces are satisfactory	46.8
Cultural activities (shows, bars, and museums) are satisfactory	58.8

Opportunities (Work & School)

Employment finding services are readily available	56.3
Most children have access to a good school	60.3
Lifelong learning opportunities are provided by local institutions	51.6
Businesses are creating new jobs	56.6
Minorities feel welcome	47.8

Governance

Information on local government decisions are easily accessible	44.8
Corruption of city officials is not an issue of concern	25.1
Residents contribute to decision making of local government	31.0
Residents provide feedback on local government projects	37.9

TECHNOLOGIES

Factor average: 49.0

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	45.8
A website or App allows residents to easily give away unwanted items	52.2
Free public wifi has improved access to city services	50.2
CCTV cameras has made residents feel safer	45.6
A website or App allows residents to effectively monitor air pollution	46.1
Arranging medical appointments online has improved access	49.5

Mobility

Car-sharing Apps have reduced congestion	35.4
Apps that direct you to an available parking space have reduced journey time	37.8
Bicycle hiring has reduced congestion	38.5
Online scheduling and ticket sales has made public transport easier to use	51.6
The city provides information on traffic congestion through mobile phones	45.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.0
IT skills are taught well in schools	50.2
Online services provided by the city has made it easier to start a new business	49.5
The current internet speed and reliability meet connectivity needs	70.7

Governance

Online public access to city finances has reduced corruption	30.9
Online voting has increased participation	37.9
An online platform where residents can propose ideas has improved city life	38.4
Processing Identification Documents online has reduced waiting times	57.1

Osaka

SMART CITY RANKING

102

out of 148

99 in 2025
out of 146

SMART CITY RATING

B

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

2,753,000 – 18,970,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.922*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

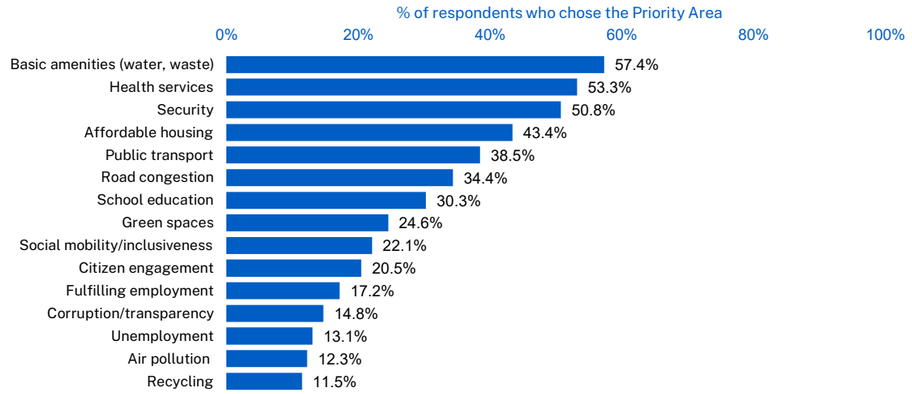
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Japan	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.922	0.922	0.922	0.921	0.925	+0.004
Life expectancy at birth	84.4	84.7	84.6	84.1	84.7	+0.66
Expected years of schooling	15.4	15.5	15.4	15.5	15.5	+0.00
Mean years of schooling	12.7	12.7	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	46,915	45,395	46,679	46,656	47,775	+1,118

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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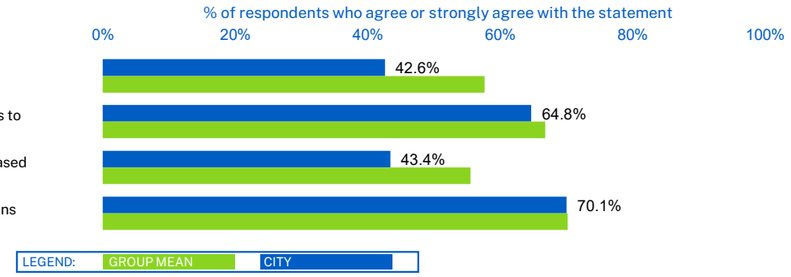


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.7
Recycling services are satisfactory	64.8
Public safety is not a problem	49.7
Air pollution is not a problem	47.4
Medical services provision is satisfactory	73.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	52.3

Mobility

Traffic congestion is not a problem	41.1
Public transport is satisfactory	77.4

Activities

Green spaces are satisfactory	53.4
Cultural activities (shows, bars, and museums) are satisfactory	60.1

Opportunities (Work & School)

Employment finding services are readily available	60.2
Most children have access to a good school	58.7
Lifelong learning opportunities are provided by local institutions	62.0
Businesses are creating new jobs	53.7
Minorities feel welcome	40.9

Governance

Information on local government decisions are easily accessible	59.1
Corruption of city officials is not an issue of concern	35.0
Residents contribute to decision making of local government	51.1
Residents provide feedback on local government projects	47.2

TECHNOLOGIES

Factor average: 46.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	47.8
A website or App allows residents to easily give away unwanted items	55.9
Free public wifi has improved access to city services	46.3
CCTV cameras has made residents feel safer	57.7
A website or App allows residents to effectively monitor air pollution	38.6
Arranging medical appointments online has improved access	55.3

Mobility

Car-sharing Apps have reduced congestion	27.3
Apps that direct you to an available parking space have reduced journey time	38.0
Bicycle hiring has reduced congestion	29.3
Online scheduling and ticket sales has made public transport easier to use	51.2
The city provides information on traffic congestion through mobile phones	59.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	59.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.2
IT skills are taught well in schools	38.3
Online services provided by the city has made it easier to start a new business	38.6
The current internet speed and reliability meet connectivity needs	62.1

Governance

Online public access to city finances has reduced corruption	37.0
Online voting has increased participation	31.0
An online platform where residents can propose ideas has improved city life	38.1
Processing Identification Documents online has reduced waiting times	50.7

Oslo

SMART CITY RANKING

2

out of 148

2 in 2025
out of 146

SMART CITY RATING

AA

AAA in 2025

FACTOR RATINGS

AAA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

710,000 – 1,100,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.982*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

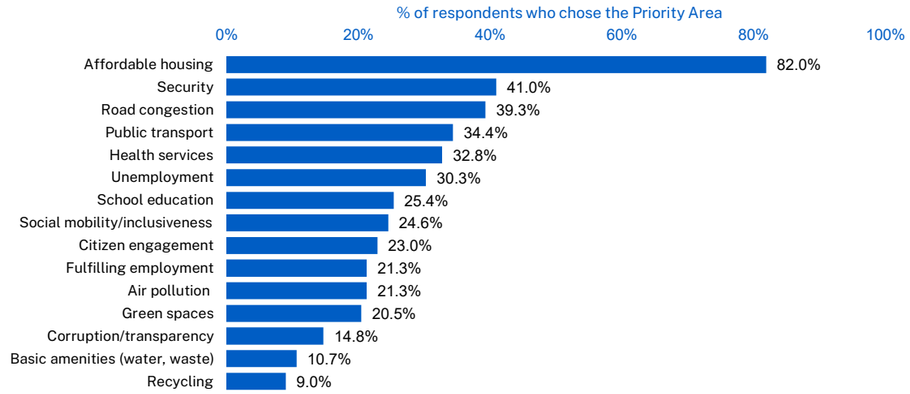
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Norway	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.967	0.969	0.969	0.967	0.970	+0.003
Life expectancy at birth	83.0	83.2	83.2	82.6	83.3	+0.68
Expected years of schooling	18.2	18.3	18.6	18.8	18.8	+0.00
Mean years of schooling	13.0	13.1	13.1	13.1	13.1	+0.00
GNI per capita (PPP $)	83,922	78,356	90,751	113,454	112,710	-744

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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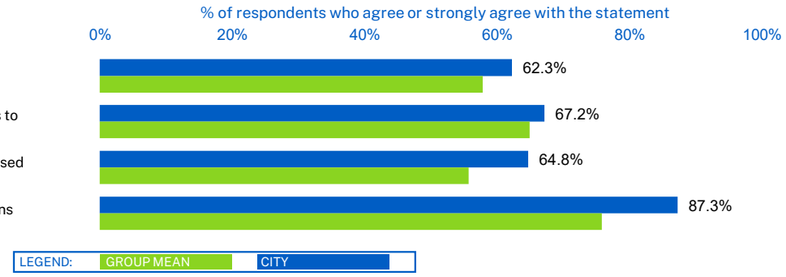


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 67.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	78.1
Recycling services are satisfactory	81.8
Public safety is not a problem	68.6
Air pollution is not a problem	63.2
Medical services provision is satisfactory	73.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	29.4

Mobility

Traffic congestion is not a problem	42.7
Public transport is satisfactory	69.5

Activities

Green spaces are satisfactory	78.1
Cultural activities (shows, bars, and museums) are satisfactory	84.6

Opportunities (Work & School)

Employment finding services are readily available	73.2
Most children have access to a good school	82.5
Lifelong learning opportunities are provided by local institutions	73.0
Businesses are creating new jobs	67.1
Minorities feel welcome	67.0

Governance

Information on local government decisions are easily accessible	64.8
Corruption of city officials is not an issue of concern	62.4
Residents contribute to decision making of local government	60.1
Residents provide feedback on local government projects	64.3

TECHNOLOGIES

Factor average: 57.1

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.8
A website or App allows residents to easily give away unwanted items	71.4
Free public wifi has improved access to city services	47.4
CCTV cameras has made residents feel safer	48.5
A website or App allows residents to effectively monitor air pollution	49.5
Arranging medical appointments online has improved access	77.3

Mobility

Car-sharing Apps have reduced congestion	47.0
Apps that direct you to an available parking space have reduced journey time	42.5
Bicycle hiring has reduced congestion	56.4
Online scheduling and ticket sales has made public transport easier to use	78.4
The city provides information on traffic congestion through mobile phones	55.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.9
IT skills are taught well in schools	56.1
Online services provided by the city has made it easier to start a new business	45.2
The current internet speed and reliability meet connectivity needs	74.7

Governance

Online public access to city finances has reduced corruption	44.4
Online voting has increased participation	44.2
An online platform where residents can propose ideas has improved city life	43.5
Processing Identification Documents online has reduced waiting times	55.4

Ottawa

SMART CITY RANKING

61

out of 148

42 in 2025
out of 146

SMART CITY RATING

BBB

A in 2025

FACTOR RATINGS

A

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,056,000 – 1,450,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.942*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

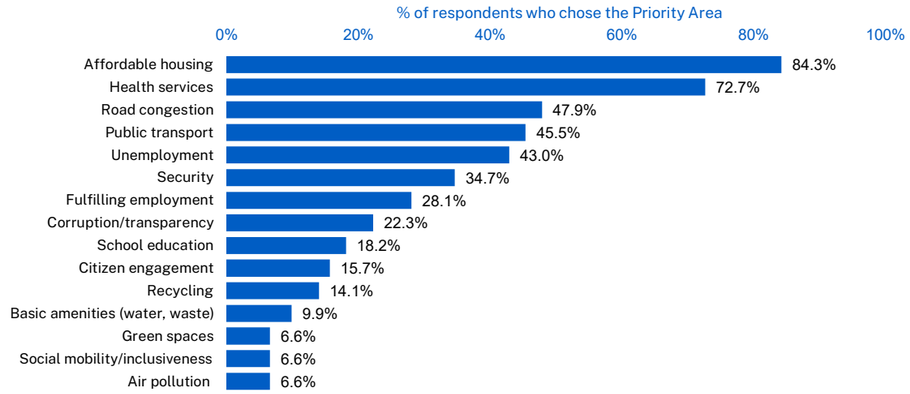
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Canada	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.937	0.931	0.937	0.935	0.939	+0.004
Life expectancy at birth	82.3	81.7	82.0	81.2	82.6	+1.38
Expected years of schooling	15.9	15.9	16.0	15.9	15.9	+0.00
Mean years of schooling	13.8	13.8	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	54,499	50,925	55,302	56,952	54,688	-2,264

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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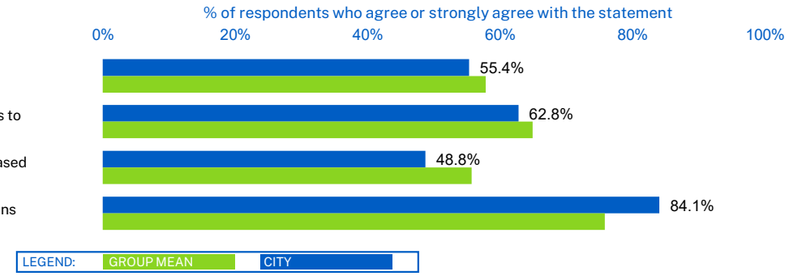


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.1

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.2
Recycling services are satisfactory	73.4
Public safety is not a problem	53.9
Air pollution is not a problem	57.2
Medical services provision is satisfactory	48.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	22.4

Mobility

Traffic congestion is not a problem	32.9
Public transport is satisfactory	38.0

Activities

Green spaces are satisfactory	79.8
Cultural activities (shows, bars, and museums) are satisfactory	77.7

Opportunities (Work & School)

Employment finding services are readily available	62.4
Most children have access to a good school	75.7
Lifelong learning opportunities are provided by local institutions	68.6
Businesses are creating new jobs	53.0
Minorities feel welcome	69.7

Governance

Information on local government decisions are easily accessible	63.3
Corruption of city officials is not an issue of concern	46.9
Residents contribute to decision making of local government	50.8
Residents provide feedback on local government projects	63.7

TECHNOLOGIES

Factor average: 51.4

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.0
A website or App allows residents to easily give away unwanted items	58.3
Free public wifi has improved access to city services	52.0
CCTV cameras has made residents feel safer	47.6
A website or App allows residents to effectively monitor air pollution	44.0
Arranging medical appointments online has improved access	53.5

Mobility

Car-sharing Apps have reduced congestion	41.4
Apps that direct you to an available parking space have reduced journey time	37.2
Bicycle hiring has reduced congestion	38.4
Online scheduling and ticket sales has made public transport easier to use	50.5
The city provides information on traffic congestion through mobile phones	51.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	62.2
IT skills are taught well in schools	52.0
Online services provided by the city has made it easier to start a new business	47.3
The current internet speed and reliability meet connectivity needs	76.0

Governance

Online public access to city finances has reduced corruption	39.8
Online voting has increased participation	47.3
An online platform where residents can propose ideas has improved city life	44.8
Processing Identification Documents online has reduced waiting times	59.0

Paris

SMART CITY RANKING

71

out of 148

71 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

2,132,000 – 11,280,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.956*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

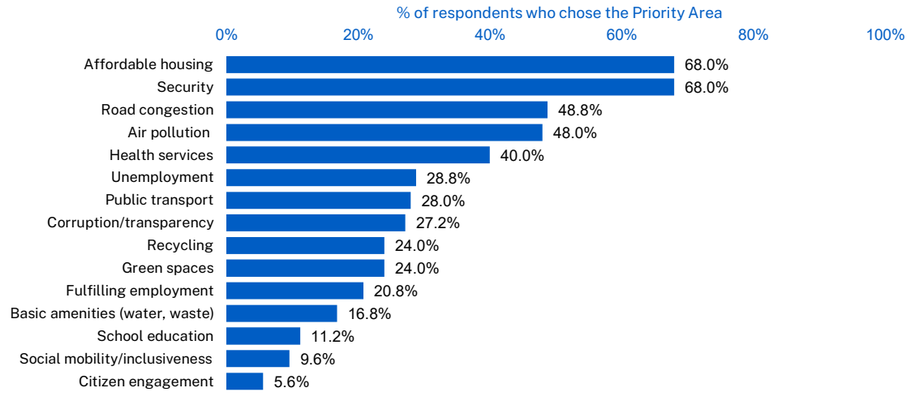
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

France	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.914	0.909	0.915	0.916	0.920	+0.004
Life expectancy at birth	82.7	82.2	82.3	82.5	83.3	+0.85
Expected years of schooling	15.9	16.0	16.0	16.1	16.1	+0.00
Mean years of schooling	11.6	11.7	11.8	11.8	11.8	+0.00
GNI per capita (PPP $)	56,066	51,178	55,020	55,176	55,060	-116

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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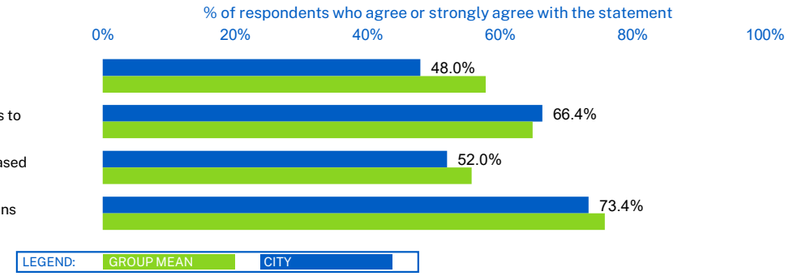


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 46.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	50.5
Recycling services are satisfactory	51.4
Public safety is not a problem	33.1
Air pollution is not a problem	22.3
Medical services provision is satisfactory	50.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	19.2

Mobility

Traffic congestion is not a problem	21.6
Public transport is satisfactory	50.6

Activities

Green spaces are satisfactory	61.1
Cultural activities (shows, bars, and museums) are satisfactory	80.3

Opportunities (Work & School)

Employment finding services are readily available	61.9
Most children have access to a good school	55.3
Lifelong learning opportunities are provided by local institutions	55.2
Businesses are creating new jobs	47.1
Minorities feel welcome	41.8

Governance

Information on local government decisions are easily accessible	54.9
Corruption of city officials is not an issue of concern	39.4
Residents contribute to decision making of local government	42.4
Residents provide feedback on local government projects	48.2

TECHNOLOGIES

Factor average: 54.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	40.0
A website or App allows residents to easily give away unwanted items	66.6
Free public wifi has improved access to city services	56.4
CCTV cameras has made residents feel safer	51.6
A website or App allows residents to effectively monitor air pollution	58.9
Arranging medical appointments online has improved access	68.3

Mobility

Car-sharing Apps have reduced congestion	40.2
Apps that direct you to an available parking space have reduced journey time	44.2
Bicycle hiring has reduced congestion	51.2
Online scheduling and ticket sales has made public transport easier to use	64.1
The city provides information on traffic congestion through mobile phones	59.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	57.0
IT skills are taught well in schools	55.4
Online services provided by the city has made it easier to start a new business	48.5
The current internet speed and reliability meet connectivity needs	69.2

Governance

Online public access to city finances has reduced corruption	33.2
Online voting has increased participation	45.1
An online platform where residents can propose ideas has improved city life	49.7
Processing Identification Documents online has reduced waiting times	61.8

Philadelphia

SMART CITY RANKING

99

out of 148

100 in 2025
out of 146

SMART CITY RATING

B

CCC in 2025

FACTOR RATINGS

B

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,568,000 – 5,697,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.928*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

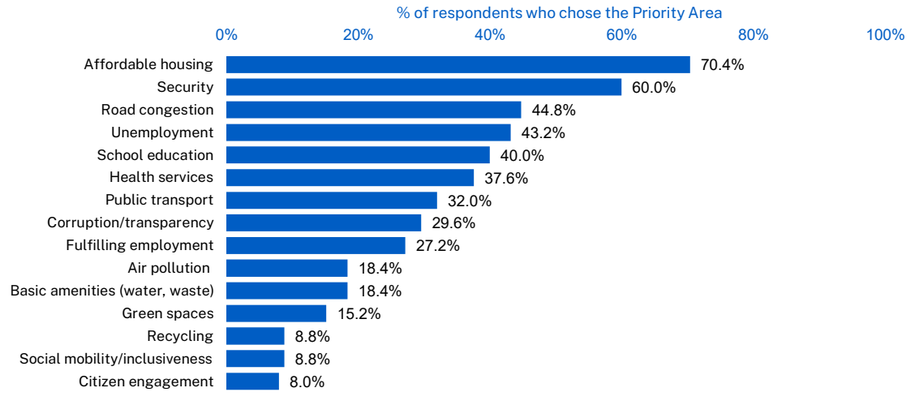
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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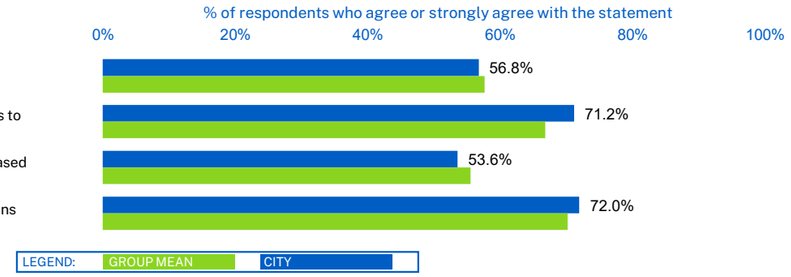


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 49.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	47.6
Recycling services are satisfactory	60.6
Public safety is not a problem	29.5
Air pollution is not a problem	33.2
Medical services provision is satisfactory	63.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	31.5

Mobility

Traffic congestion is not a problem	21.5
Public transport is satisfactory	49.7

Activities

Green spaces are satisfactory	54.3
Cultural activities (shows, bars, and museums) are satisfactory	76.7

Opportunities (Work & School)

Employment finding services are readily available	60.5
Most children have access to a good school	47.2
Lifelong learning opportunities are provided by local institutions	56.4
Businesses are creating new jobs	56.5
Minorities feel welcome	60.9

Governance

Information on local government decisions are easily accessible	61.1
Corruption of city officials is not an issue of concern	35.6
Residents contribute to decision making of local government	44.7
Residents provide feedback on local government projects	57.1

TECHNOLOGIES

Factor average: 51.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	41.1
A website or App allows residents to easily give away unwanted items	56.6
Free public wifi has improved access to city services	50.6
CCTV cameras has made residents feel safer	50.6
A website or App allows residents to effectively monitor air pollution	39.5
Arranging medical appointments online has improved access	63.9

Mobility

Car-sharing Apps have reduced congestion	44.9
Apps that direct you to an available parking space have reduced journey time	42.9
Bicycle hiring has reduced congestion	42.8
Online scheduling and ticket sales has made public transport easier to use	60.4
The city provides information on traffic congestion through mobile phones	53.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.2
IT skills are taught well in schools	45.3
Online services provided by the city has made it easier to start a new business	48.5
The current internet speed and reliability meet connectivity needs	66.7

Governance

Online public access to city finances has reduced corruption	39.0
Online voting has increased participation	53.7
An online platform where residents can propose ideas has improved city life	45.5
Processing Identification Documents online has reduced waiting times	55.9

Phoenix

SMART CITY RANKING

108

out of 148

105 in 2025
out of 146

SMART CITY RATING

CC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,640,000 – 4,065,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.906*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

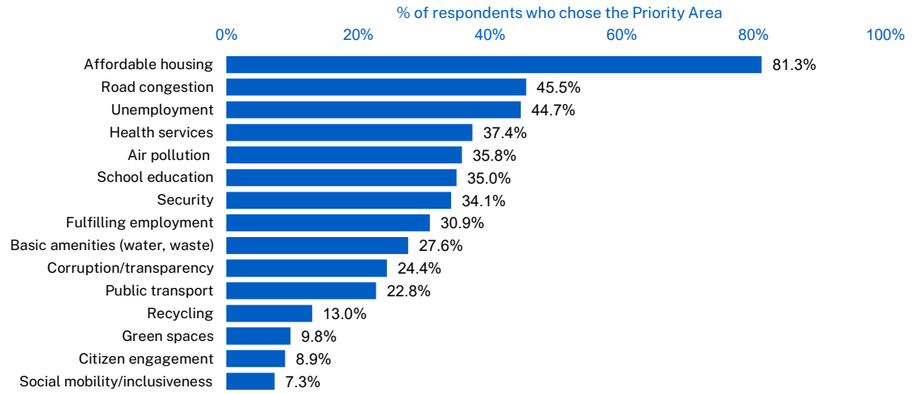
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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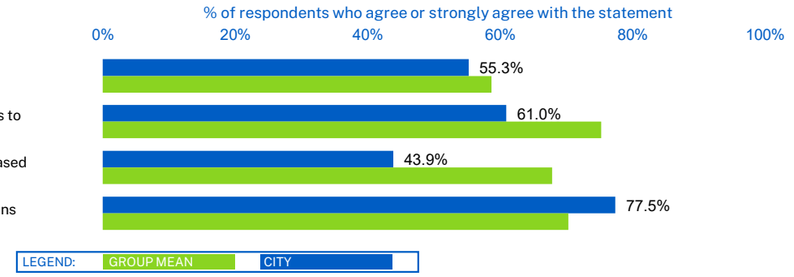


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 53.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	59.3
Recycling services are satisfactory	69.0
Public safety is not a problem	39.6
Air pollution is not a problem	31.7
Medical services provision is satisfactory	63.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.3

Mobility

Traffic congestion is not a problem	22.9
Public transport is satisfactory	50.2

Activities

Green spaces are satisfactory	57.2
Cultural activities (shows, bars, and museums) are satisfactory	76.0

Opportunities (Work & School)

Employment finding services are readily available	64.1
Most children have access to a good school	61.1
Lifelong learning opportunities are provided by local institutions	61.7
Businesses are creating new jobs	61.3
Minorities feel welcome	59.9

Governance

Information on local government decisions are easily accessible	60.2
Corruption of city officials is not an issue of concern	41.6
Residents contribute to decision making of local government	49.8
Residents provide feedback on local government projects	61.2

TECHNOLOGIES

Factor average: 48.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	44.3
A website or App allows residents to easily give away unwanted items	57.9
Free public wifi has improved access to city services	45.0
CCTV cameras has made residents feel safer	41.6
A website or App allows residents to effectively monitor air pollution	40.5
Arranging medical appointments online has improved access	66.1

Mobility

Car-sharing Apps have reduced congestion	39.4
Apps that direct you to an available parking space have reduced journey time	33.2
Bicycle hiring has reduced congestion	32.1
Online scheduling and ticket sales has made public transport easier to use	51.2
The city provides information on traffic congestion through mobile phones	53.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	72.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.2
IT skills are taught well in schools	41.8
Online services provided by the city has made it easier to start a new business	40.7
The current internet speed and reliability meet connectivity needs	69.2

Governance

Online public access to city finances has reduced corruption	33.8
Online voting has increased participation	50.2
An online platform where residents can propose ideas has improved city life	41.2
Processing Identification Documents online has reduced waiting times	56.5

Prague

SMART CITY RANKING

13

out of 148

12 in 2025
out of 146

SMART CITY RATING

A

AA in 2025

FACTOR RATINGS

A

STRUCTURES

AA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,357,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.965*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

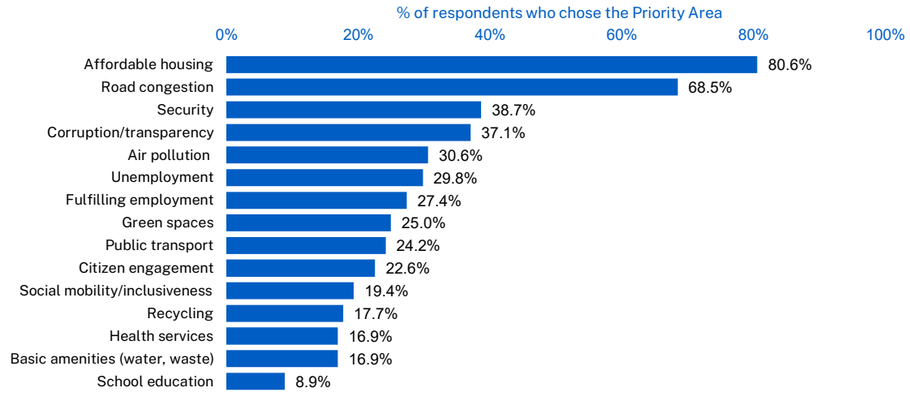
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Czechia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.903	0.898	0.901	0.911	0.915	+0.004
Life expectancy at birth	79.2	78.2	77.2	79.2	79.8	+0.67
Expected years of schooling	16.1	16.1	16.6	16.8	16.8	+0.00
Mean years of schooling	12.9	12.9	13.0	13.0	13.0	+0.00
GNI per capita (PPP $)	45,414	43,665	46,442	45,265	45,889	+624

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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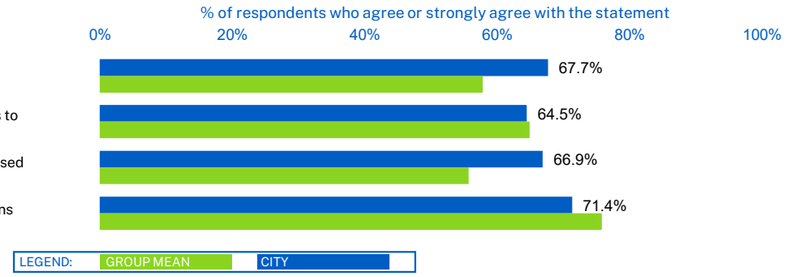


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	64.5
Recycling services are satisfactory	67.8
Public safety is not a problem	58.6
Air pollution is not a problem	47.1
Medical services provision is satisfactory	70.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.6

Mobility

Traffic congestion is not a problem	24.9
Public transport is satisfactory	64.9

Activities

Green spaces are satisfactory	56.9
Cultural activities (shows, bars, and museums) are satisfactory	82.6

Opportunities (Work & School)

Employment finding services are readily available	68.3
Most children have access to a good school	71.6
Lifelong learning opportunities are provided by local institutions	69.3
Businesses are creating new jobs	69.1
Minorities feel welcome	53.2

Governance

Information on local government decisions are easily accessible	65.9
Corruption of city officials is not an issue of concern	42.5
Residents contribute to decision making of local government	53.9
Residents provide feedback on local government projects	57.7

TECHNOLOGIES

Factor average: 61.3

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	57.4
A website or App allows residents to easily give away unwanted items	67.5
Free public wifi has improved access to city services	64.2
CCTV cameras has made residents feel safer	70.6
A website or App allows residents to effectively monitor air pollution	57.0
Arranging medical appointments online has improved access	69.2

Mobility

Car-sharing Apps have reduced congestion	44.9
Apps that direct you to an available parking space have reduced journey time	52.3
Bicycle hiring has reduced congestion	47.3
Online scheduling and ticket sales has made public transport easier to use	71.9
The city provides information on traffic congestion through mobile phones	56.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.7
IT skills are taught well in schools	56.8
Online services provided by the city has made it easier to start a new business	52.3
The current internet speed and reliability meet connectivity needs	72.7

Governance

Online public access to city finances has reduced corruption	44.6
Online voting has increased participation	57.2
An online platform where residents can propose ideas has improved city life	60.1
Processing Identification Documents online has reduced waiting times	67.8

Rabat

SMART CITY RANKING

124

out of 148

123 in 2025
out of 146

SMART CITY RATING

C

CC in 2025

FACTOR RATINGS

C

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

573,000 – 1,990,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.717*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

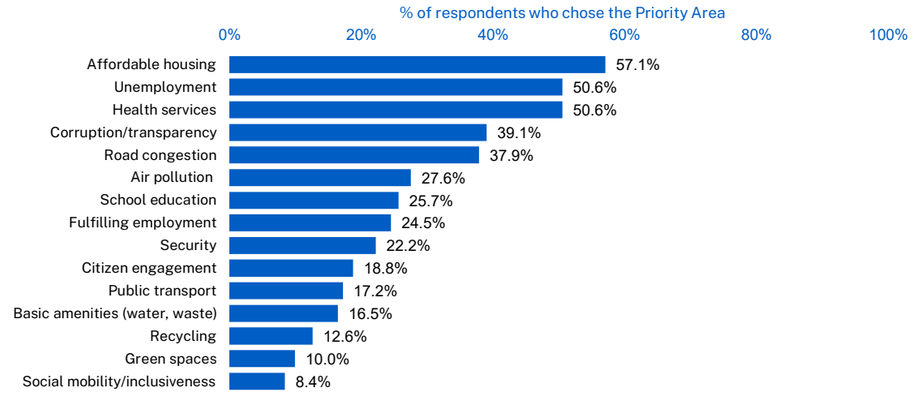
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Morocco	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.687	0.683	0.690	0.704	0.710	+0.006
Life expectancy at birth	74.2	73.1	73.4	75.2	75.3	+0.15
Expected years of schooling	13.7	13.9	14.0	14.6	15.1	+0.48
Mean years of schooling	5.9	6.1	6.2	6.2	6.2	+0.00
GNI per capita (PPP $)	8,611	7,953	8,463	8,483	8,653	+170

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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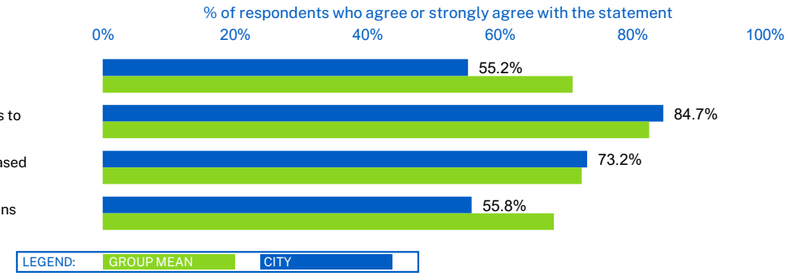


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	63.3
Recycling services are satisfactory	57.3
Public safety is not a problem	56.7
Air pollution is not a problem	35.0
Medical services provision is satisfactory	56.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	41.3

Mobility

Traffic congestion is not a problem	41.2
Public transport is satisfactory	64.1

Activities

Green spaces are satisfactory	83.7
Cultural activities (shows, bars, and museums) are satisfactory	79.4

Opportunities (Work & School)

Employment finding services are readily available	48.7
Most children have access to a good school	59.8
Lifelong learning opportunities are provided by local institutions	57.5
Businesses are creating new jobs	54.5
Minorities feel welcome	64.3

Governance

Information on local government decisions are easily accessible	59.3
Corruption of city officials is not an issue of concern	38.8
Residents contribute to decision making of local government	45.7
Residents provide feedback on local government projects	50.9

TECHNOLOGIES

Factor average: 59.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	53.5
A website or App allows residents to easily give away unwanted items	49.4
Free public wifi has improved access to city services	55.4
CCTV cameras has made residents feel safer	72.2
A website or App allows residents to effectively monitor air pollution	41.5
Arranging medical appointments online has improved access	66.3

Mobility

Car-sharing Apps have reduced congestion	60.2
Apps that direct you to an available parking space have reduced journey time	60.7
Bicycle hiring has reduced congestion	51.3
Online scheduling and ticket sales has made public transport easier to use	76.5
The city provides information on traffic congestion through mobile phones	53.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.2
IT skills are taught well in schools	61.3
Online services provided by the city has made it easier to start a new business	62.8
The current internet speed and reliability meet connectivity needs	68.4

Governance

Online public access to city finances has reduced corruption	51.5
Online voting has increased participation	48.0
An online platform where residents can propose ideas has improved city life	51.3
Processing Identification Documents online has reduced waiting times	68.7

Riga

SMART CITY RANKING

47

out of 148

46 in 2025
out of 146

SMART CITY RATING

BB

BBB in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

605,000 – 740,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.937*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

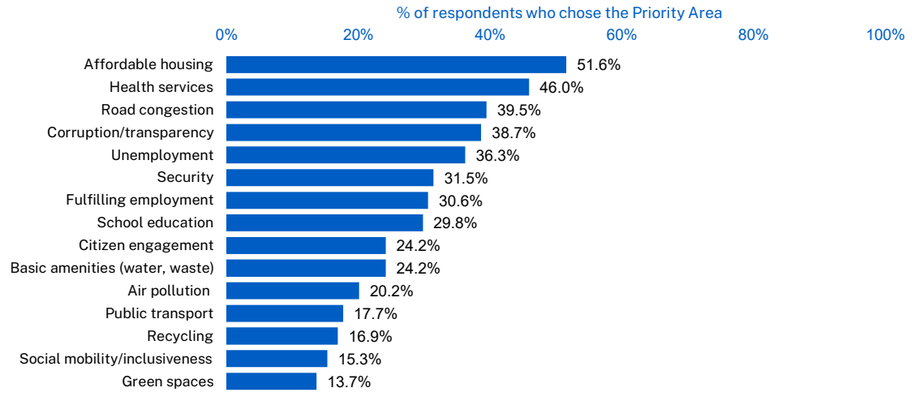
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Latvia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.880	0.879	0.871	0.881	0.889	+0.008
Life expectancy at birth	75.6	75.5	73.2	74.9	76.2	+1.32
Expected years of schooling	16.5	16.5	16.6	16.5	16.5	+0.00
Mean years of schooling	13.3	13.3	13.4	13.4	13.4	+0.00
GNI per capita (PPP $)	34,656	34,543	36,095	37,623	37,998	+375

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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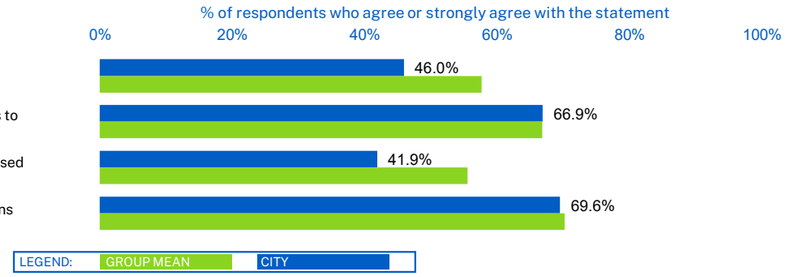


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.1
Recycling services are satisfactory	68.4
Public safety is not a problem	62.0
Air pollution is not a problem	56.3
Medical services provision is satisfactory	53.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	38.1

Mobility

Traffic congestion is not a problem	41.5
Public transport is satisfactory	64.6

Activities

Green spaces are satisfactory	74.9
Cultural activities (shows, bars, and museums) are satisfactory	74.8

Opportunities (Work & School)

Employment finding services are readily available	62.3
Most children have access to a good school	64.4
Lifelong learning opportunities are provided by local institutions	60.7
Businesses are creating new jobs	52.1
Minorities feel welcome	47.1

Governance

Information on local government decisions are easily accessible	55.4
Corruption of city officials is not an issue of concern	34.7
Residents contribute to decision making of local government	42.0
Residents provide feedback on local government projects	52.2

TECHNOLOGIES

Factor average: 56.4

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	54.7
A website or App allows residents to easily give away unwanted items	59.9
Free public wifi has improved access to city services	60.4
CCTV cameras has made residents feel safer	56.6
A website or App allows residents to effectively monitor air pollution	42.1
Arranging medical appointments online has improved access	59.7

Mobility

Car-sharing Apps have reduced congestion	52.5
Apps that direct you to an available parking space have reduced journey time	53.0
Bicycle hiring has reduced congestion	48.9
Online scheduling and ticket sales has made public transport easier to use	69.5
The city provides information on traffic congestion through mobile phones	47.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	71.1
IT skills are taught well in schools	51.0
Online services provided by the city has made it easier to start a new business	47.2
The current internet speed and reliability meet connectivity needs	77.3

Governance

Online public access to city finances has reduced corruption	35.2
Online voting has increased participation	46.9
An online platform where residents can propose ideas has improved city life	49.9
Processing Identification Documents online has reduced waiting times	65.9

Rio de Janeiro

SMART CITY RANKING

148

out of 148

146 in 2025
out of 146

SMART CITY RATING

D

D in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

6,601,000 – 13,820,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.789*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

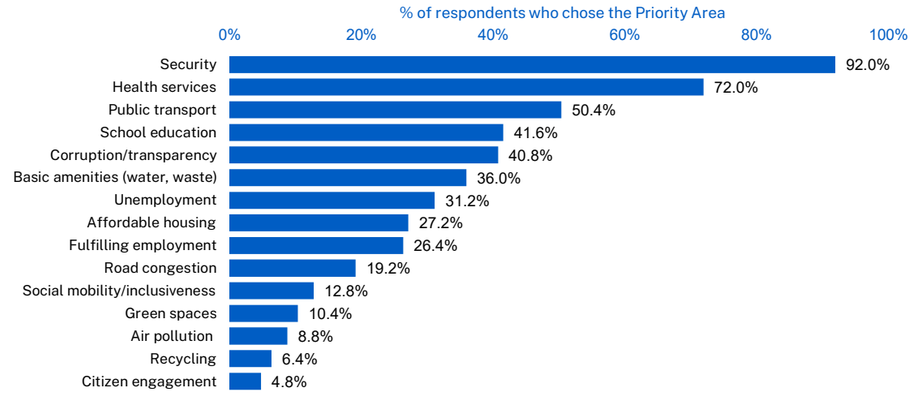
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Brazil	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.776	0.770	0.768	0.780	0.786	+0.006
Life expectancy at birth	75.8	74.5	73.0	74.9	75.8	+0.98
Expected years of schooling	15.4	15.4	15.6	15.8	15.8	+0.00
Mean years of schooling	8.1	8.3	8.4	8.4	8.4	+0.00
GNI per capita (PPP $)	17,183	16,609	17,122	17,594	18,011	+418

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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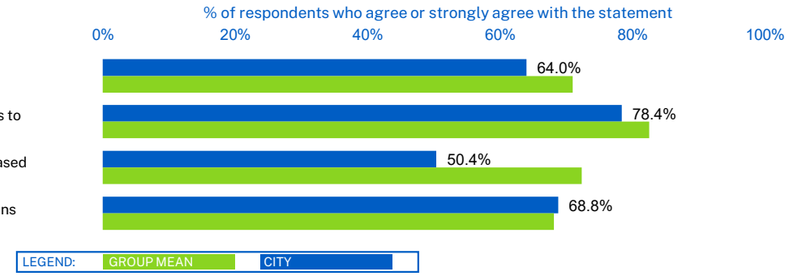


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 33.3

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	33.6
Recycling services are satisfactory	39.4
Public safety is not a problem	13.6
Air pollution is not a problem	27.2
Medical services provision is satisfactory	33.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	18.4

Mobility

Traffic congestion is not a problem	15.7
Public transport is satisfactory	21.7

Activities

Green spaces are satisfactory	56.7
Cultural activities (shows, bars, and museums) are satisfactory	70.3

Opportunities (Work & School)

Employment finding services are readily available	49.6
Most children have access to a good school	26.5
Lifelong learning opportunities are provided by local institutions	41.0
Businesses are creating new jobs	45.6
Minorities feel welcome	26.6

Governance

Information on local government decisions are easily accessible	41.1
Corruption of city officials is not an issue of concern	14.0
Residents contribute to decision making of local government	25.0
Residents provide feedback on local government projects	32.6

TECHNOLOGIES

Factor average: 44.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	36.2
A website or App allows residents to easily give away unwanted items	38.3
Free public wifi has improved access to city services	36.4
CCTV cameras has made residents feel safer	42.4
A website or App allows residents to effectively monitor air pollution	28.2
Arranging medical appointments online has improved access	47.1

Mobility

Car-sharing Apps have reduced congestion	40.1
Apps that direct you to an available parking space have reduced journey time	42.5
Bicycle hiring has reduced congestion	45.5
Online scheduling and ticket sales has made public transport easier to use	54.5
The city provides information on traffic congestion through mobile phones	55.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.4
IT skills are taught well in schools	26.8
Online services provided by the city has made it easier to start a new business	45.0
The current internet speed and reliability meet connectivity needs	59.1

Governance

Online public access to city finances has reduced corruption	25.0
Online voting has increased participation	38.1
An online platform where residents can propose ideas has improved city life	34.9
Processing Identification Documents online has reduced waiting times	58.2

Riyadh

SMART CITY RANKING

24

out of 148

27 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

7,586,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.899*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

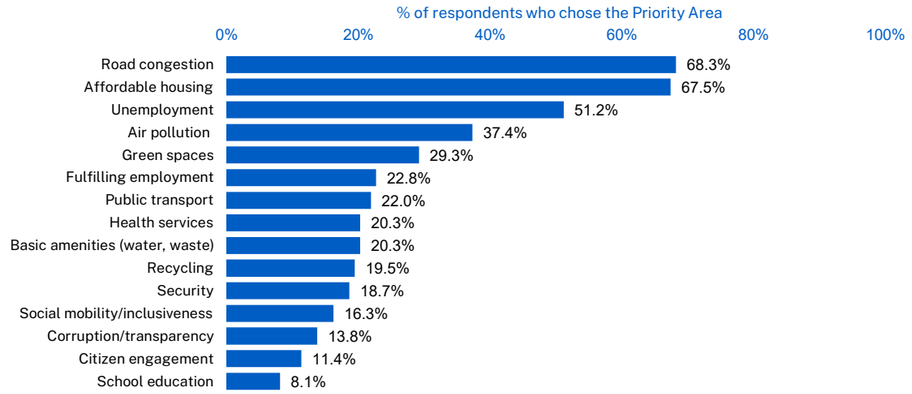
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Saudi Arabia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.878	0.875	0.878	0.893	0.900	+0.007
Life expectancy at birth	78.3	77.6	77.1	77.3	78.7	+1.42
Expected years of schooling	16.0	15.8	15.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.3	11.6	11.6	11.6	+0.00
GNI per capita (PPP $)	47,996	46,058	48,459	51,431	50,299	-1,132

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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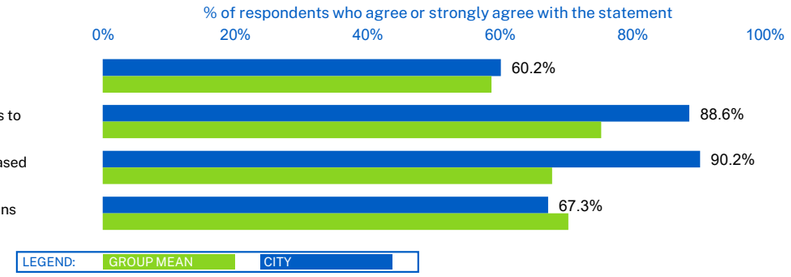


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 67.8

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	86.8
Recycling services are satisfactory	80.1
Public safety is not a problem	53.8
Air pollution is not a problem	32.6
Medical services provision is satisfactory	84.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	49.1

Mobility

Traffic congestion is not a problem	24.5
Public transport is satisfactory	77.9

Activities

Green spaces are satisfactory	75.8
Cultural activities (shows, bars, and museums) are satisfactory	87.5

Opportunities (Work & School)

Employment finding services are readily available	63.4
Most children have access to a good school	84.5
Lifelong learning opportunities are provided by local institutions	79.2
Businesses are creating new jobs	70.6
Minorities feel welcome	75.8

Governance

Information on local government decisions are easily accessible	84.2
Corruption of city officials is not an issue of concern	49.4
Residents contribute to decision making of local government	64.0
Residents provide feedback on local government projects	64.9

TECHNOLOGIES

Factor average: 76.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	82.1
A website or App allows residents to easily give away unwanted items	74.9
Free public wifi has improved access to city services	69.2
CCTV cameras has made residents feel safer	83.2
A website or App allows residents to effectively monitor air pollution	58.9
Arranging medical appointments online has improved access	86.4

Mobility

Car-sharing Apps have reduced congestion	65.5
Apps that direct you to an available parking space have reduced journey time	69.1
Bicycle hiring has reduced congestion	59.1
Online scheduling and ticket sales has made public transport easier to use	82.7
The city provides information on traffic congestion through mobile phones	76.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	87.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	79.7
IT skills are taught well in schools	77.9
Online services provided by the city has made it easier to start a new business	81.3
The current internet speed and reliability meet connectivity needs	82.5

Governance

Online public access to city finances has reduced corruption	75.3
Online voting has increased participation	76.3
An online platform where residents can propose ideas has improved city life	77.6
Processing Identification Documents online has reduced waiting times	84.6

Rome

SMART CITY RANKING

143

out of 148

139 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

2,757,000 – 4,330,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.929*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

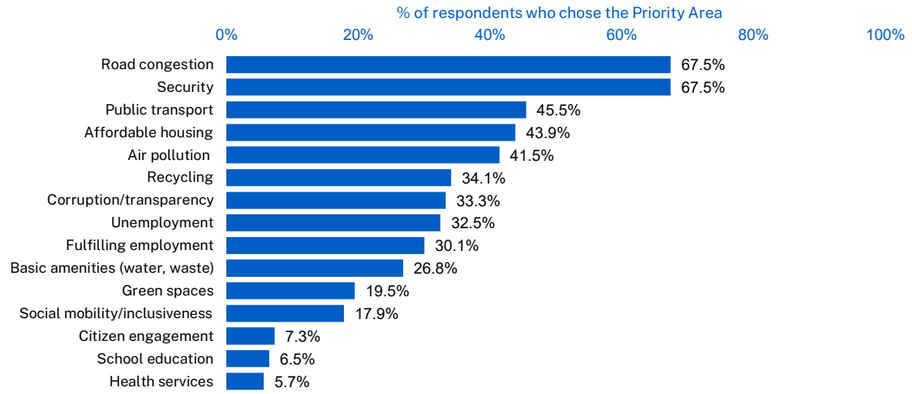
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Italy	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.906	0.899	0.908	0.905	0.915	+0.010
Life expectancy at birth	83.3	82.2	82.9	82.1	83.7	+1.66
Expected years of schooling	16.4	16.5	16.6	16.7	16.7	+0.00
Mean years of schooling	10.7	10.7	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	50,720	47,034	50,539	50,900	52,389	+1,489

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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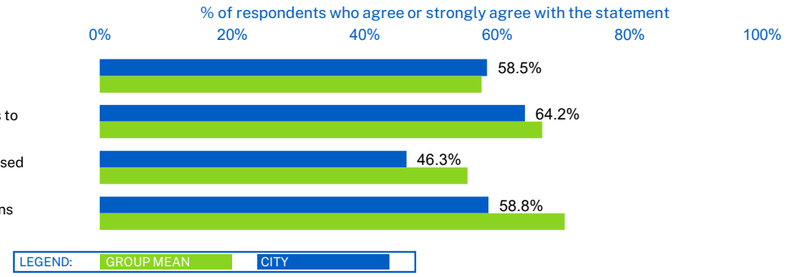


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 36.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	41.0
Recycling services are satisfactory	36.5
Public safety is not a problem	27.5
Air pollution is not a problem	24.4
Medical services provision is satisfactory	40.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	37.7

Mobility

Traffic congestion is not a problem	15.0
Public transport is satisfactory	21.3

Activities

Green spaces are satisfactory	59.5
Cultural activities (shows, bars, and museums) are satisfactory	71.3

Opportunities (Work & School)

Employment finding services are readily available	28.0
Most children have access to a good school	52.3
Lifelong learning opportunities are provided by local institutions	42.7
Businesses are creating new jobs	35.5
Minorities feel welcome	31.3

Governance

Information on local government decisions are easily accessible	43.8
Corruption of city officials is not an issue of concern	25.2
Residents contribute to decision making of local government	25.1
Residents provide feedback on local government projects	36.1

TECHNOLOGIES

Factor average: 44.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	38.4
A website or App allows residents to easily give away unwanted items	52.6
Free public wifi has improved access to city services	44.2
CCTV cameras has made residents feel safer	47.6
A website or App allows residents to effectively monitor air pollution	37.9
Arranging medical appointments online has improved access	55.5

Mobility

Car-sharing Apps have reduced congestion	29.5
Apps that direct you to an available parking space have reduced journey time	33.1
Bicycle hiring has reduced congestion	33.8
Online scheduling and ticket sales has made public transport easier to use	61.9
The city provides information on traffic congestion through mobile phones	47.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	52.0
IT skills are taught well in schools	36.7
Online services provided by the city has made it easier to start a new business	38.5
The current internet speed and reliability meet connectivity needs	51.2

Governance

Online public access to city finances has reduced corruption	31.1
Online voting has increased participation	32.5
An online platform where residents can propose ideas has improved city life	35.0
Processing Identification Documents online has reduced waiting times	53.8

Rotterdam

SMART CITY RANKING

52

out of 148

41 in 2025
out of 146

SMART CITY RATING

BBB

BB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

662,000 – 1,020,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.946*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

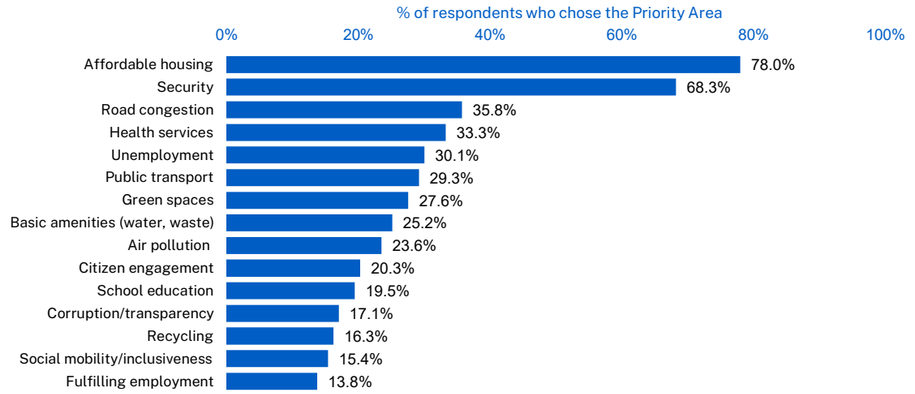
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Netherlands	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.950	0.945	0.951	0.953	0.955	+0.002
Life expectancy at birth	82.1	81.4	81.4	81.9	82.2	+0.25
Expected years of schooling	18.4	18.4	18.6	18.6	18.6	+0.00
Mean years of schooling	12.4	12.6	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	65,792	62,085	68,775	68,566	68,344	-222

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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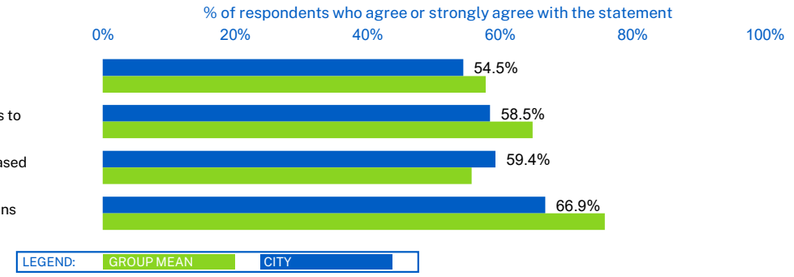


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 54.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	56.4
Recycling services are satisfactory	62.0
Public safety is not a problem	36.8
Air pollution is not a problem	31.6
Medical services provision is satisfactory	69.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	18.0

Mobility

Traffic congestion is not a problem	23.8
Public transport is satisfactory	65.5

Activities

Green spaces are satisfactory	58.1
Cultural activities (shows, bars, and museums) are satisfactory	75.4

Opportunities (Work & School)

Employment finding services are readily available	66.3
Most children have access to a good school	69.5
Lifelong learning opportunities are provided by local institutions	57.5
Businesses are creating new jobs	62.8
Minorities feel welcome	59.5

Governance

Information on local government decisions are easily accessible	58.2
Corruption of city officials is not an issue of concern	54.5
Residents contribute to decision making of local government	48.1
Residents provide feedback on local government projects	54.0

TECHNOLOGIES

Factor average: 54.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.1
A website or App allows residents to easily give away unwanted items	61.7
Free public wifi has improved access to city services	49.4
CCTV cameras has made residents feel safer	52.8
A website or App allows residents to effectively monitor air pollution	38.1
Arranging medical appointments online has improved access	65.8

Mobility

Car-sharing Apps have reduced congestion	34.1
Apps that direct you to an available parking space have reduced journey time	47.5
Bicycle hiring has reduced congestion	48.1
Online scheduling and ticket sales has made public transport easier to use	63.5
The city provides information on traffic congestion through mobile phones	50.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.1
IT skills are taught well in schools	56.7
Online services provided by the city has made it easier to start a new business	51.8
The current internet speed and reliability meet connectivity needs	71.6

Governance

Online public access to city finances has reduced corruption	43.1
Online voting has increased participation	45.4
An online platform where residents can propose ideas has improved city life	50.4
Processing Identification Documents online has reduced waiting times	60.7

San Francisco

SMART CITY RANKING

72

out of 148

82 in 2025
out of 146

SMART CITY RATING

B

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

804,000 – 3,365,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.935*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

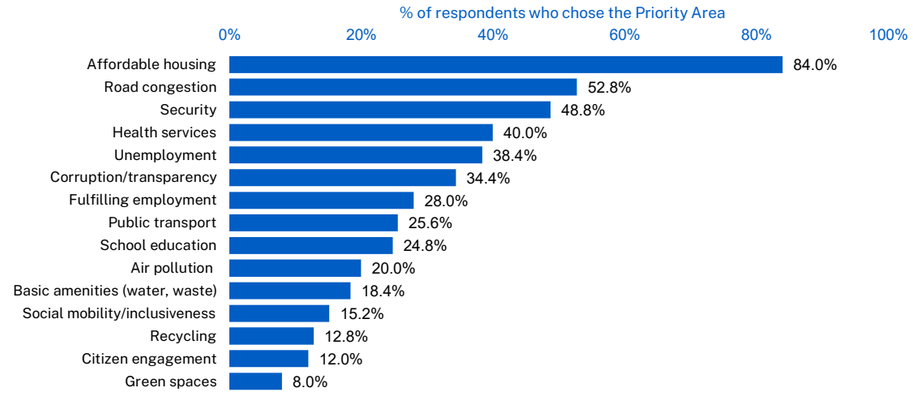
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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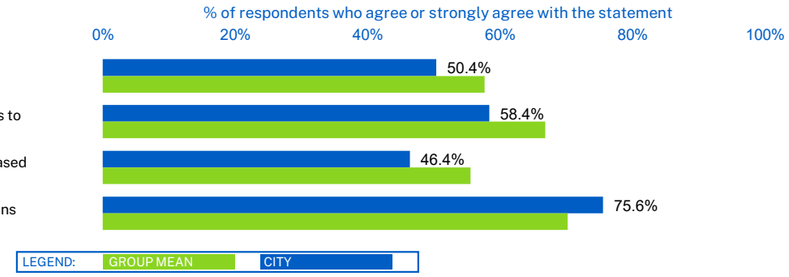


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 53.1

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	45.6
Recycling services are satisfactory	66.4
Public safety is not a problem	29.2
Air pollution is not a problem	43.8
Medical services provision is satisfactory	63.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	19.5

Mobility

Traffic congestion is not a problem	25.3
Public transport is satisfactory	58.6

Activities

Green spaces are satisfactory	65.9
Cultural activities (shows, bars, and museums) are satisfactory	80.3

Opportunities (Work & School)

Employment finding services are readily available	55.2
Most children have access to a good school	57.4
Lifelong learning opportunities are provided by local institutions	62.8
Businesses are creating new jobs	53.6
Minorities feel welcome	64.3

Governance

Information on local government decisions are easily accessible	62.2
Corruption of city officials is not an issue of concern	37.4
Residents contribute to decision making of local government	52.6
Residents provide feedback on local government projects	64.5

TECHNOLOGIES

Factor average: 54.5

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	40.6
A website or App allows residents to easily give away unwanted items	62.3
Free public wifi has improved access to city services	53.2
CCTV cameras has made residents feel safer	47.4
A website or App allows residents to effectively monitor air pollution	48.8
Arranging medical appointments online has improved access	63.0

Mobility

Car-sharing Apps have reduced congestion	51.8
Apps that direct you to an available parking space have reduced journey time	50.2
Bicycle hiring has reduced congestion	48.5
Online scheduling and ticket sales has made public transport easier to use	60.5
The city provides information on traffic congestion through mobile phones	56.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	59.4
IT skills are taught well in schools	49.8
Online services provided by the city has made it easier to start a new business	46.6
The current internet speed and reliability meet connectivity needs	66.2

Governance

Online public access to city finances has reduced corruption	38.5
Online voting has increased participation	59.7
An online platform where residents can propose ideas has improved city life	50.1
Processing Identification Documents online has reduced waiting times	56.9

San Jose

SMART CITY RANKING

129

out of 148

126 in 2025
out of 146

SMART CITY RATING

C

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

971,000 – 1,543,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.824*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

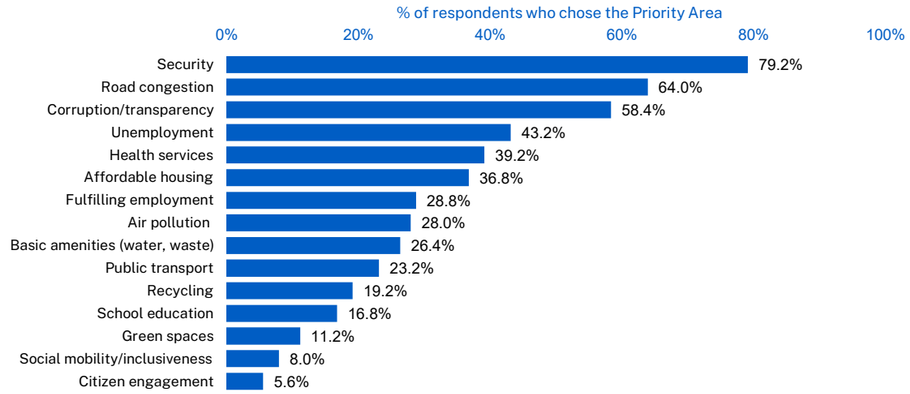
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Costa Rica	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.821	0.819	0.817	0.823	0.833	+0.010
Life expectancy at birth	80.3	79.7	78.1	79.3	80.8	+1.48
Expected years of schooling	15.8	16.1	16.3	16.3	16.3	+0.00
Mean years of schooling	8.8	8.8	8.8	8.8	8.8	+0.00
GNI per capita (PPP $)	22,150	21,172	22,149	22,328	23,417	+1,089

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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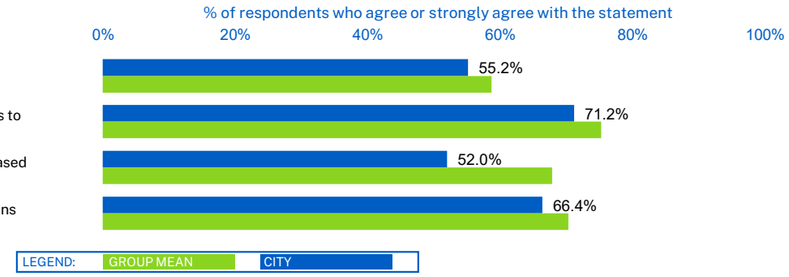


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 48.5

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	49.4
Recycling services are satisfactory	59.5
Public safety is not a problem	29.7
Air pollution is not a problem	39.3
Medical services provision is satisfactory	57.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	31.8

Mobility

Traffic congestion is not a problem	20.0
Public transport is satisfactory	43.0

Activities

Green spaces are satisfactory	71.0
Cultural activities (shows, bars, and museums) are satisfactory	74.5

Opportunities (Work & School)

Employment finding services are readily available	56.5
Most children have access to a good school	62.2
Lifelong learning opportunities are provided by local institutions	63.7
Businesses are creating new jobs	56.1
Minorities feel welcome	48.1

Governance

Information on local government decisions are easily accessible	49.2
Corruption of city officials is not an issue of concern	28.4
Residents contribute to decision making of local government	40.7
Residents provide feedback on local government projects	41.4

TECHNOLOGIES

Factor average: 47.6

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	44.9
A website or App allows residents to easily give away unwanted items	41.0
Free public wifi has improved access to city services	52.3
CCTV cameras has made residents feel safer	51.2
A website or App allows residents to effectively monitor air pollution	33.5
Arranging medical appointments online has improved access	51.0

Mobility

Car-sharing Apps have reduced congestion	38.2
Apps that direct you to an available parking space have reduced journey time	39.8
Bicycle hiring has reduced congestion	30.8
Online scheduling and ticket sales has made public transport easier to use	46.9
The city provides information on traffic congestion through mobile phones	55.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	59.7
IT skills are taught well in schools	46.8
Online services provided by the city has made it easier to start a new business	47.2
The current internet speed and reliability meet connectivity needs	69.5

Governance

Online public access to city finances has reduced corruption	31.9
Online voting has increased participation	36.7
An online platform where residents can propose ideas has improved city life	38.3
Processing Identification Documents online has reduced waiting times	58.0

San Juan

SMART CITY RANKING

137

out of 148

132 in 2025
out of 146

SMART CITY RATING

C

C in 2025

FACTOR RATINGS

CC

STRUCTURES

C

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

337,000 – 2,440,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.880*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

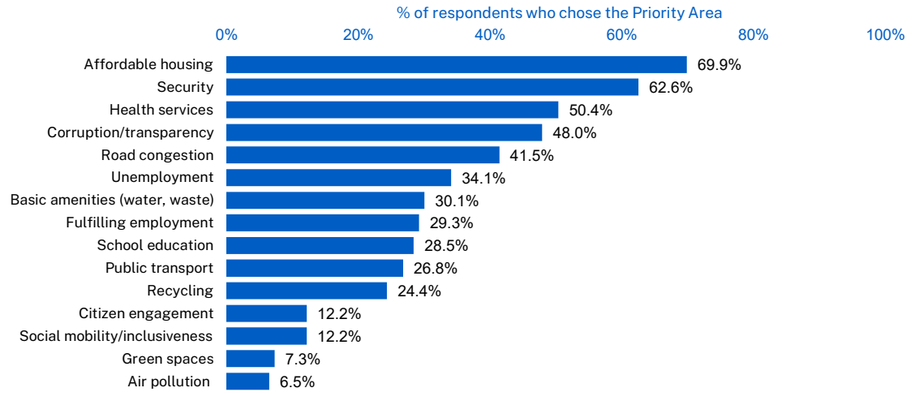
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Puerto Rico	2019	2020	2021	2022	2023	1 yr +/-
HDI	NA	NA	0.880	0.880	NA	0
Life expectancy at birth	79.1	78.0	80.2	79.7	NA	-0.5
Expected years of schooling	17.6	NA	NA	16.6	NA	NA
Mean years of schooling	12.9	NA	NA	NA	NA	NA
GNI per capita (PPP $)	25,210	25,140	22,590	24,780	NA	+2,190

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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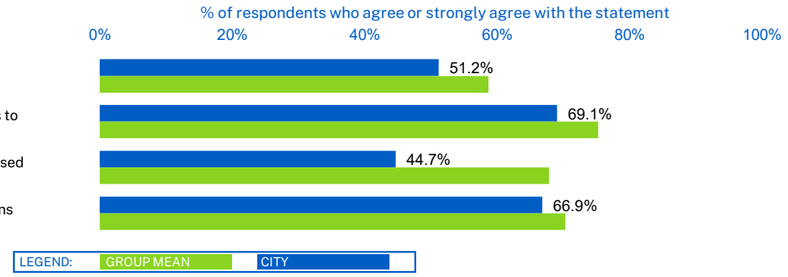


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 43.8

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	53.0
Recycling services are satisfactory	46.4
Public safety is not a problem	35.6
Air pollution is not a problem	41.4
Medical services provision is satisfactory	47.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	21.9

Mobility

Traffic congestion is not a problem	22.4
Public transport is satisfactory	35.6

Activities

Green spaces are satisfactory	63.6
Cultural activities (shows, bars, and museums) are satisfactory	77.7

Opportunities (Work & School)

Employment finding services are readily available	52.5
Most children have access to a good school	44.8
Lifelong learning opportunities are provided by local institutions	51.2
Businesses are creating new jobs	47.3
Minorities feel welcome	51.4

Governance

Information on local government decisions are easily accessible	43.7
Corruption of city officials is not an issue of concern	20.6
Residents contribute to decision making of local government	32.1
Residents provide feedback on local government projects	43.5

TECHNOLOGIES

Factor average: 43.2

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	37.5
A website or App allows residents to easily give away unwanted items	42.9
Free public wifi has improved access to city services	41.5
CCTV cameras has made residents feel safer	42.9
A website or App allows residents to effectively monitor air pollution	29.6
Arranging medical appointments online has improved access	46.4

Mobility

Car-sharing Apps have reduced congestion	39.7
Apps that direct you to an available parking space have reduced journey time	34.0
Bicycle hiring has reduced congestion	34.1
Online scheduling and ticket sales has made public transport easier to use	45.9
The city provides information on traffic congestion through mobile phones	49.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	74.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	60.2
IT skills are taught well in schools	39.2
Online services provided by the city has made it easier to start a new business	38.9
The current internet speed and reliability meet connectivity needs	57.3

Governance

Online public access to city finances has reduced corruption	24.4
Online voting has increased participation	37.8
An online platform where residents can propose ideas has improved city life	32.3
Processing Identification Documents online has reduced waiting times	55.7

San Salvador

SMART CITY RANKING

141

out of 148

not in 2025

SMART CITY RATING

D

not in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

610,000 – 1,539,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.711*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

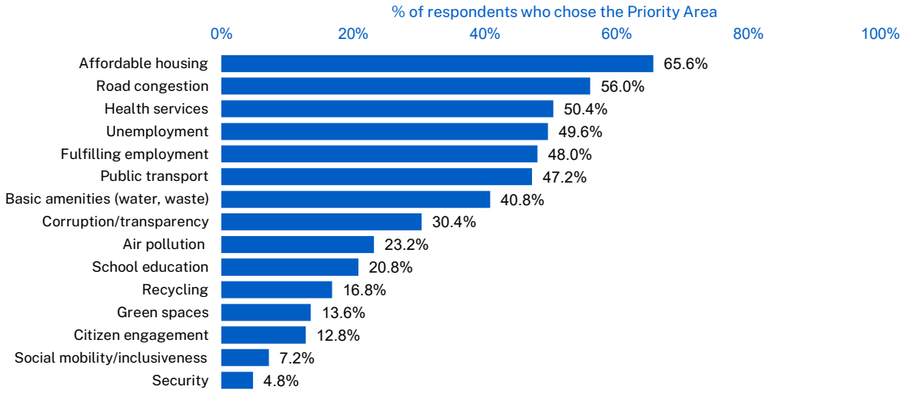
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

El Salvador	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.670	0.660	0.663	0.674	0.678	+0.004
Life expectancy at birth	71.7	70.2	69.9	72.0	72.1	+0.13
Expected years of schooling	11.1	11.1	11.0	11.0	11.1	+0.16
Mean years of schooling	7.1	7.2	7.2	7.3	7.3	+0.05
GNI per capita (PPP $)	9,909	9,053	10,087	10,309	10,595	+285

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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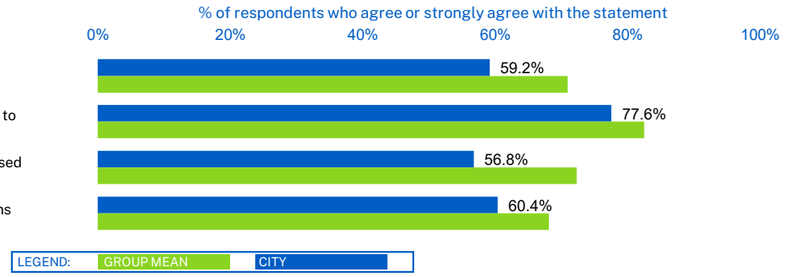


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 43.9

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	51.9
Recycling services are satisfactory	46.9
Public safety is not a problem	80.7
Air pollution is not a problem	36.1
Medical services provision is satisfactory	42.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.1

Mobility

Traffic congestion is not a problem	17.7
Public transport is satisfactory	26.0

Activities

Green spaces are satisfactory	63.1
Cultural activities (shows, bars, and museums) are satisfactory	68.7

Opportunities (Work & School)

Employment finding services are readily available	54.3
Most children have access to a good school	41.7
Lifelong learning opportunities are provided by local institutions	46.4
Businesses are creating new jobs	40.0
Minorities feel welcome	39.7

Governance

Information on local government decisions are easily accessible	48.9
Corruption of city officials is not an issue of concern	36.3
Residents contribute to decision making of local government	30.5
Residents provide feedback on local government projects	39.1

TECHNOLOGIES

Factor average: 46.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	48.9
A website or App allows residents to easily give away unwanted items	40.7
Free public wifi has improved access to city services	50.7
CCTV cameras has made residents feel safer	68.4
A website or App allows residents to effectively monitor air pollution	27.1
Arranging medical appointments online has improved access	71.2

Mobility

Car-sharing Apps have reduced congestion	32.0
Apps that direct you to an available parking space have reduced journey time	35.9
Bicycle hiring has reduced congestion	19.5
Online scheduling and ticket sales has made public transport easier to use	22.4
The city provides information on traffic congestion through mobile phones	49.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	73.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	56.3
IT skills are taught well in schools	46.0
Online services provided by the city has made it easier to start a new business	47.3
The current internet speed and reliability meet connectivity needs	66.9

Governance

Online public access to city finances has reduced corruption	33.6
Online voting has increased participation	49.3
An online platform where residents can propose ideas has improved city life	29.6
Processing Identification Documents online has reduced waiting times	66.7

Santiago

SMART CITY RANKING

120

out of 148

120 in 2025
out of 146

SMART CITY RATING

CC

C in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

4,827,000 – 7,171,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.890*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

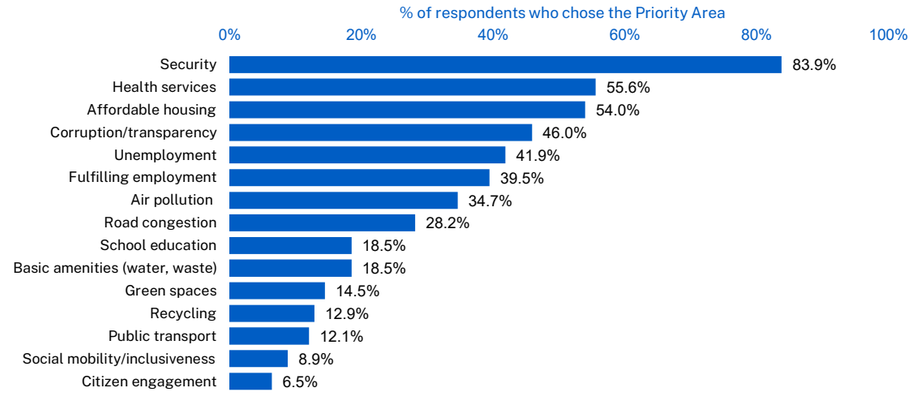
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Chile	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.867	0.856	0.865	0.869	0.878	+0.009
Life expectancy at birth	80.3	79.3	78.9	79.2	81.2	+1.99
Expected years of schooling	16.6	16.3	16.8	16.9	16.9	+0.00
Mean years of schooling	10.9	11.1	11.3	11.3	11.3	+0.00
GNI per capita (PPP $)	27,495	24,753	27,407	28,131	28,047	-84

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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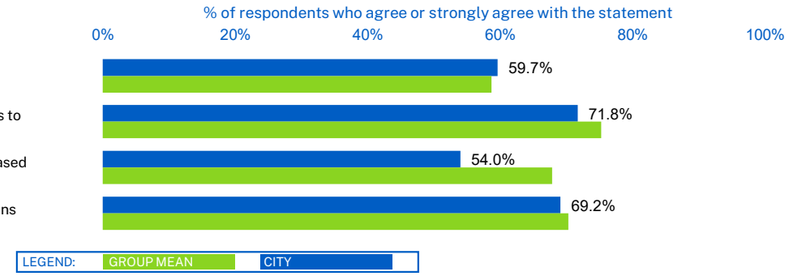


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 42.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	49.8
Recycling services are satisfactory	53.3
Public safety is not a problem	23.3
Air pollution is not a problem	19.7
Medical services provision is satisfactory	43.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.5

Mobility

Traffic congestion is not a problem	24.1
Public transport is satisfactory	53.2

Activities

Green spaces are satisfactory	63.5
Cultural activities (shows, bars, and museums) are satisfactory	71.5

Opportunities (Work & School)

Employment finding services are readily available	64.8
Most children have access to a good school	42.2
Lifelong learning opportunities are provided by local institutions	44.2
Businesses are creating new jobs	45.4
Minorities feel welcome	38.7

Governance

Information on local government decisions are easily accessible	53.8
Corruption of city officials is not an issue of concern	22.7
Residents contribute to decision making of local government	32.1
Residents provide feedback on local government projects	42.0

TECHNOLOGIES

Factor average: 54.6

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	48.8
A website or App allows residents to easily give away unwanted items	51.3
Free public wifi has improved access to city services	60.5
CCTV cameras has made residents feel safer	53.6
A website or App allows residents to effectively monitor air pollution	43.4
Arranging medical appointments online has improved access	71.3

Mobility

Car-sharing Apps have reduced congestion	42.9
Apps that direct you to an available parking space have reduced journey time	46.9
Bicycle hiring has reduced congestion	53.7
Online scheduling and ticket sales has made public transport easier to use	61.8
The city provides information on traffic congestion through mobile phones	67.7

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	62.3
IT skills are taught well in schools	45.8
Online services provided by the city has made it easier to start a new business	60.7
The current internet speed and reliability meet connectivity needs	75.9

Governance

Online public access to city finances has reduced corruption	30.8
Online voting has increased participation	31.3
An online platform where residents can propose ideas has improved city life	39.7
Processing Identification Documents online has reduced waiting times	64.8

Sao Paulo

SMART CITY RANKING

140

out of 148

137 in 2025
out of 146

SMART CITY RATING

D

D in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

11,893,000 – 23,086,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.786*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

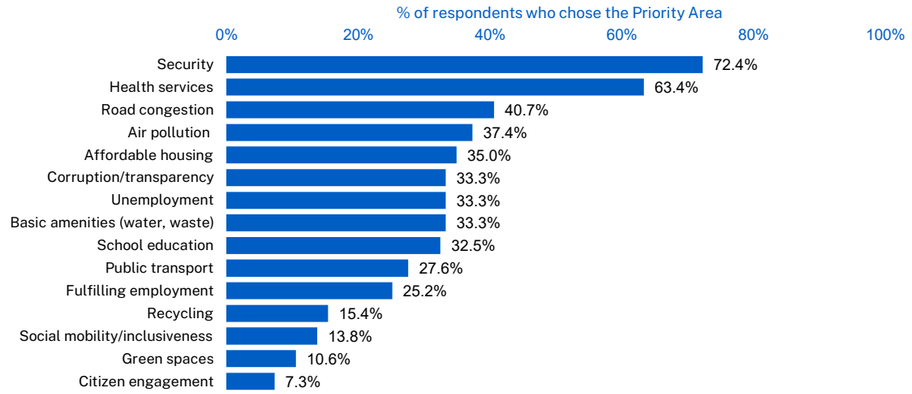
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Brazil	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.776	0.770	0.768	0.780	0.786	+0.006
Life expectancy at birth	75.8	74.5	73.0	74.9	75.8	+0.98
Expected years of schooling	15.4	15.4	15.6	15.8	15.8	+0.00
Mean years of schooling	8.1	8.3	8.4	8.4	8.4	+0.00
GNI per capita (PPP $)	17,183	16,609	17,122	17,594	18,011	+418

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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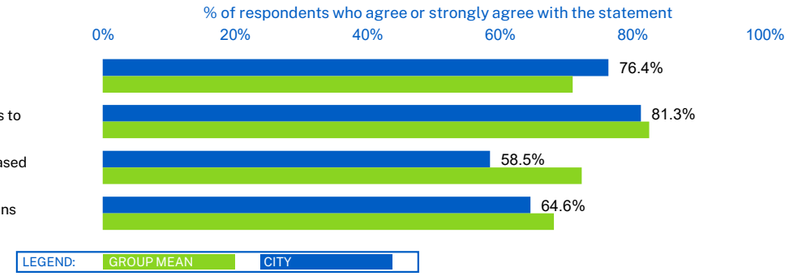


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 38.8

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	44.3
Recycling services are satisfactory	52.1
Public safety is not a problem	21.1
Air pollution is not a problem	19.5
Medical services provision is satisfactory	39.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	18.6

Mobility

Traffic congestion is not a problem	16.1
Public transport is satisfactory	32.9

Activities

Green spaces are satisfactory	53.0
Cultural activities (shows, bars, and museums) are satisfactory	73.6

Opportunities (Work & School)

Employment finding services are readily available	59.6
Most children have access to a good school	37.1
Lifelong learning opportunities are provided by local institutions	49.0
Businesses are creating new jobs	57.1
Minorities feel welcome	30.9

Governance

Information on local government decisions are easily accessible	44.7
Corruption of city officials is not an issue of concern	21.2
Residents contribute to decision making of local government	30.6
Residents provide feedback on local government projects	37.0

TECHNOLOGIES

Factor average: 52.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	40.8
A website or App allows residents to easily give away unwanted items	47.6
Free public wifi has improved access to city services	52.7
CCTV cameras has made residents feel safer	56.7
A website or App allows residents to effectively monitor air pollution	39.3
Arranging medical appointments online has improved access	54.9

Mobility

Car-sharing Apps have reduced congestion	44.1
Apps that direct you to an available parking space have reduced journey time	54.2
Bicycle hiring has reduced congestion	46.2
Online scheduling and ticket sales has made public transport easier to use	64.5
The city provides information on traffic congestion through mobile phones	61.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.9
IT skills are taught well in schools	33.1
Online services provided by the city has made it easier to start a new business	53.9
The current internet speed and reliability meet connectivity needs	61.2

Governance

Online public access to city finances has reduced corruption	32.4
Online voting has increased participation	45.9
An online platform where residents can propose ideas has improved city life	45.6
Processing Identification Documents online has reduced waiting times	66.1

Seattle

SMART CITY RANKING

41

out of 148

56 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

755,000 – 3,555,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.952*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

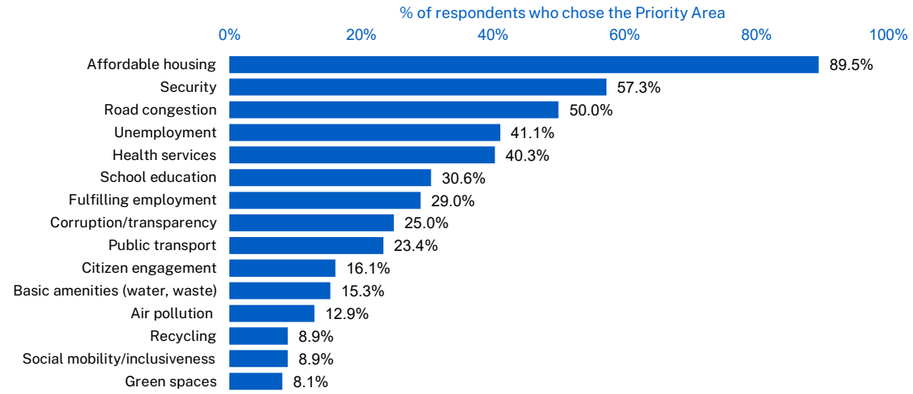
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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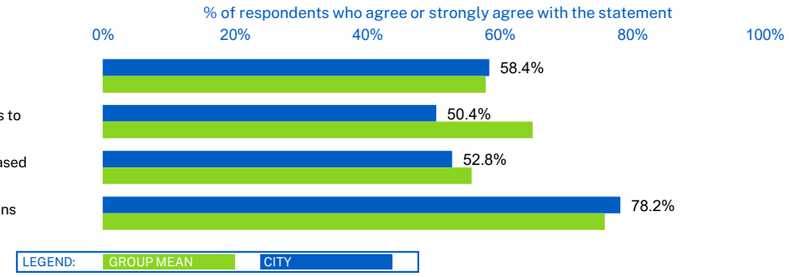


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.8

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	51.6
Recycling services are satisfactory	72.4
Public safety is not a problem	35.4
Air pollution is not a problem	50.4
Medical services provision is satisfactory	69.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.8

Mobility

Traffic congestion is not a problem	20.4
Public transport is satisfactory	59.6

Activities

Green spaces are satisfactory	70.8
Cultural activities (shows, bars, and museums) are satisfactory	78.7

Opportunities (Work & School)

Employment finding services are readily available	67.2
Most children have access to a good school	64.4
Lifelong learning opportunities are provided by local institutions	66.0
Businesses are creating new jobs	58.8
Minorities feel welcome	67.3

Governance

Information on local government decisions are easily accessible	61.0
Corruption of city officials is not an issue of concern	44.5
Residents contribute to decision making of local government	52.8
Residents provide feedback on local government projects	64.7

TECHNOLOGIES

Factor average: 52.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	44.5
A website or App allows residents to easily give away unwanted items	61.2
Free public wifi has improved access to city services	49.2
CCTV cameras has made residents feel safer	44.3
A website or App allows residents to effectively monitor air pollution	43.9
Arranging medical appointments online has improved access	69.1

Mobility

Car-sharing Apps have reduced congestion	41.6
Apps that direct you to an available parking space have reduced journey time	41.2
Bicycle hiring has reduced congestion	41.5
Online scheduling and ticket sales has made public transport easier to use	56.1
The city provides information on traffic congestion through mobile phones	58.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	75.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	67.3
IT skills are taught well in schools	52.7
Online services provided by the city has made it easier to start a new business	46.5
The current internet speed and reliability meet connectivity needs	71.2

Governance

Online public access to city finances has reduced corruption	40.0
Online voting has increased participation	52.2
An online platform where residents can propose ideas has improved city life	42.3
Processing Identification Documents online has reduced waiting times	54.5

Seoul

SMART CITY RANKING

12

out of 148

13 in 2025
out of 146

SMART CITY RATING

A

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

AAA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

9,601,000 – 23,016,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.961*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

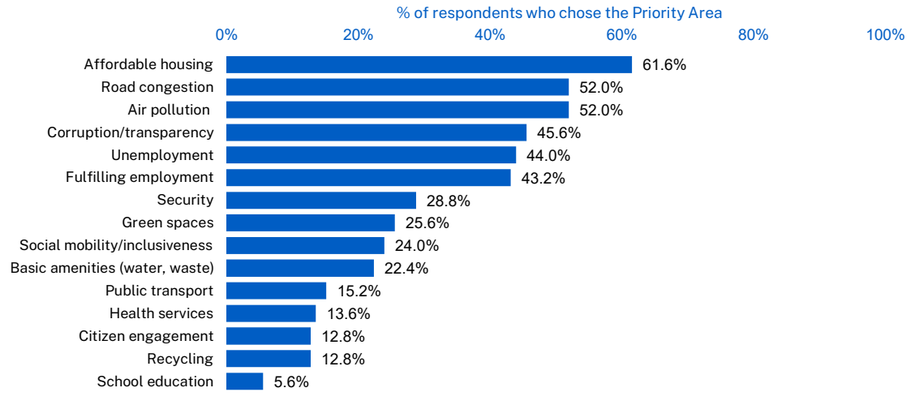
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Korea (Republic of)	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.927	0.928	0.933	0.928	0.937	+0.009
Life expectancy at birth	83.7	83.7	83.9	82.7	84.3	+1.60
Expected years of schooling	16.4	16.4	16.5	16.6	16.6	+0.00
Mean years of schooling	12.5	12.6	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	47,438	47,400	49,118	48,871	49,726	+855

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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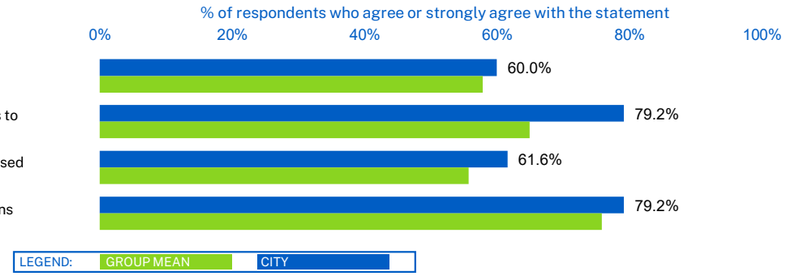


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	78.1
Recycling services are satisfactory	75.5
Public safety is not a problem	73.1
Air pollution is not a problem	22.6
Medical services provision is satisfactory	74.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	32.2

Mobility

Traffic congestion is not a problem	23.8
Public transport is satisfactory	76.2

Activities

Green spaces are satisfactory	60.0
Cultural activities (shows, bars, and museums) are satisfactory	70.7

Opportunities (Work & School)

Employment finding services are readily available	64.3
Most children have access to a good school	59.0
Lifelong learning opportunities are provided by local institutions	65.9
Businesses are creating new jobs	47.4
Minorities feel welcome	31.1

Governance

Information on local government decisions are easily accessible	64.8
Corruption of city officials is not an issue of concern	31.8
Residents contribute to decision making of local government	50.1
Residents provide feedback on local government projects	53.2

TECHNOLOGIES

Factor average: 68.2

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	65.2
A website or App allows residents to easily give away unwanted items	70.1
Free public wifi has improved access to city services	74.7
CCTV cameras has made residents feel safer	83.6
A website or App allows residents to effectively monitor air pollution	69.8
Arranging medical appointments online has improved access	75.5

Mobility

Car-sharing Apps have reduced congestion	42.6
Apps that direct you to an available parking space have reduced journey time	56.6
Bicycle hiring has reduced congestion	48.8
Online scheduling and ticket sales has made public transport easier to use	77.1
The city provides information on traffic congestion through mobile phones	81.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	70.3
IT skills are taught well in schools	68.5
Online services provided by the city has made it easier to start a new business	59.1
The current internet speed and reliability meet connectivity needs	81.7

Governance

Online public access to city finances has reduced corruption	52.6
Online voting has increased participation	62.4
An online platform where residents can propose ideas has improved city life	62.9
Processing Identification Documents online has reduced waiting times	81.3

Shanghai

SMART CITY RANKING

20

out of 148

15 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

24,671,000 – 29,870,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.895*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

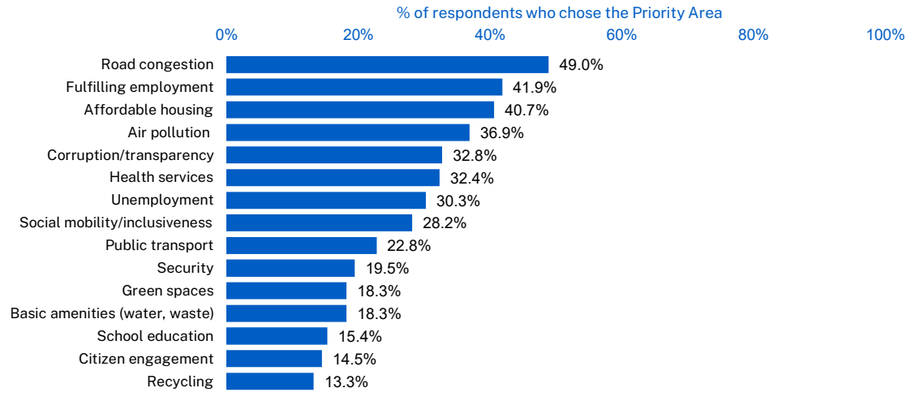
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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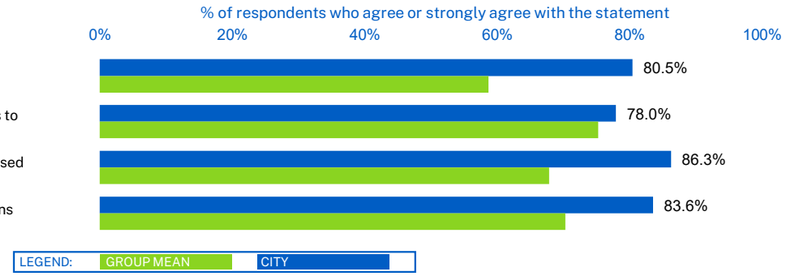


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 71.9

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	90.0
Recycling services are satisfactory	81.1
Public safety is not a problem	77.2
Air pollution is not a problem	58.4
Medical services provision is satisfactory	84.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	56.3

Mobility

Traffic congestion is not a problem	39.7
Public transport is satisfactory	69.5

Activities

Green spaces are satisfactory	82.1
Cultural activities (shows, bars, and museums) are satisfactory	85.0

Opportunities (Work & School)

Employment finding services are readily available	79.0
Most children have access to a good school	75.1
Lifelong learning opportunities are provided by local institutions	68.1
Businesses are creating new jobs	74.1
Minorities feel welcome	77.5

Governance

Information on local government decisions are easily accessible	79.1
Corruption of city officials is not an issue of concern	54.3
Residents contribute to decision making of local government	62.8
Residents provide feedback on local government projects	72.4

TECHNOLOGIES

Factor average: 80.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	83.3
A website or App allows residents to easily give away unwanted items	78.1
Free public wifi has improved access to city services	79.9
CCTV cameras has made residents feel safer	84.7
A website or App allows residents to effectively monitor air pollution	75.9
Arranging medical appointments online has improved access	88.1

Mobility

Car-sharing Apps have reduced congestion	68.2
Apps that direct you to an available parking space have reduced journey time	80.1
Bicycle hiring has reduced congestion	77.6
Online scheduling and ticket sales has made public transport easier to use	84.8
The city provides information on traffic congestion through mobile phones	84.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	89.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	81.3
IT skills are taught well in schools	80.5
Online services provided by the city has made it easier to start a new business	76.0
The current internet speed and reliability meet connectivity needs	87.8

Governance

Online public access to city finances has reduced corruption	72.2
Online voting has increased participation	75.8
An online platform where residents can propose ideas has improved city life	80.5
Processing Identification Documents online has reduced waiting times	84.8

Shenzhen

SMART CITY RANKING

68

out of 148

▼

50 in 2025
out of 146

SMART CITY RATING

CCC

CCC in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

17,580,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.813*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

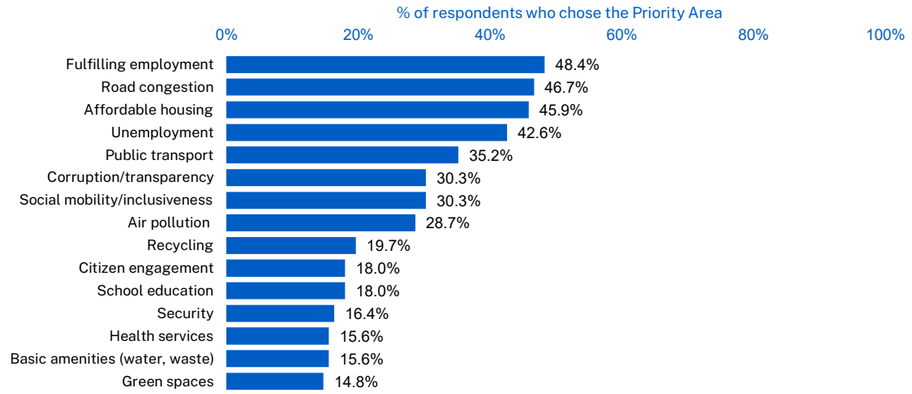
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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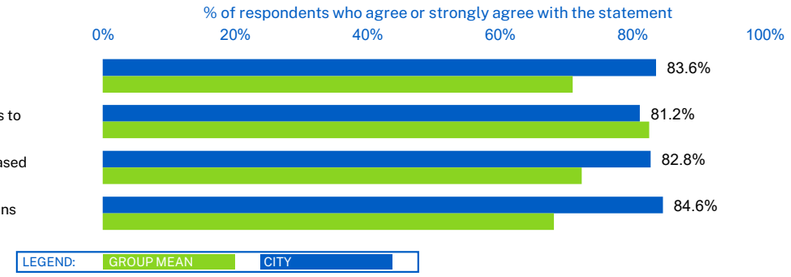


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 73.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	86.8
Recycling services are satisfactory	78.0
Public safety is not a problem	78.7
Air pollution is not a problem	64.5
Medical services provision is satisfactory	82.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	62.5

Mobility

Traffic congestion is not a problem	46.5
Public transport is satisfactory	72.4

Activities

Green spaces are satisfactory	85.6
Cultural activities (shows, bars, and museums) are satisfactory	82.6

Opportunities (Work & School)

Employment finding services are readily available	79.9
Most children have access to a good school	76.5
Lifelong learning opportunities are provided by local institutions	66.2
Businesses are creating new jobs	75.5
Minorities feel welcome	82.3

Governance

Information on local government decisions are easily accessible	80.3
Corruption of city officials is not an issue of concern	56.6
Residents contribute to decision making of local government	60.6
Residents provide feedback on local government projects	73.3

TECHNOLOGIES

Factor average: 79.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	83.7
A website or App allows residents to easily give away unwanted items	77.8
Free public wifi has improved access to city services	76.6
CCTV cameras has made residents feel safer	77.5
A website or App allows residents to effectively monitor air pollution	73.8
Arranging medical appointments online has improved access	87.9

Mobility

Car-sharing Apps have reduced congestion	67.3
Apps that direct you to an available parking space have reduced journey time	80.0
Bicycle hiring has reduced congestion	75.7
Online scheduling and ticket sales has made public transport easier to use	86.7
The city provides information on traffic congestion through mobile phones	86.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	89.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	83.1
IT skills are taught well in schools	75.2
Online services provided by the city has made it easier to start a new business	77.7
The current internet speed and reliability meet connectivity needs	89.6

Governance

Online public access to city finances has reduced corruption	69.3
Online voting has increased participation	69.8
An online platform where residents can propose ideas has improved city life	79.0
Processing Identification Documents online has reduced waiting times	88.1

Singapore

SMART CITY RANKING

9

out of 148

9 in 2025
out of 146

SMART CITY RATING

AAA

AAA in 2025

FACTOR RATINGS

AAA

STRUCTURES

AAA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

6,008,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.949*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

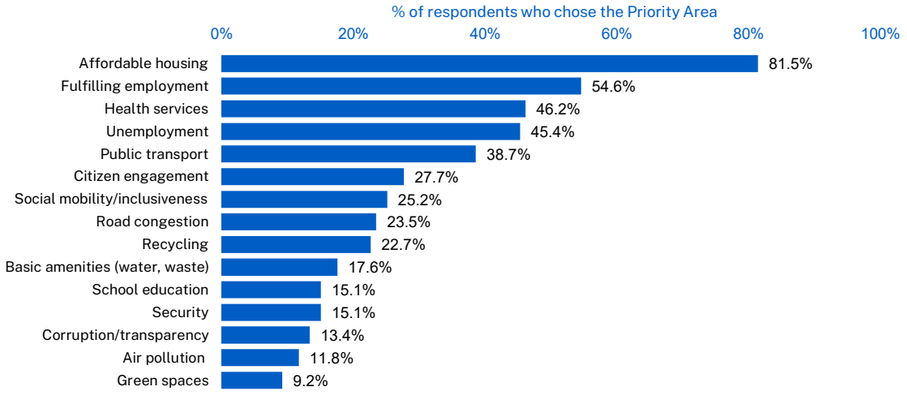
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Singapore	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.942	0.944	0.948	0.942	0.946	+0.004
Life expectancy at birth	83.7	83.7	83.5	82.9	83.7	+0.81
Expected years of schooling	16.7	16.8	16.9	16.7	16.7	+0.00
Mean years of schooling	11.7	11.8	12.1	12.0	12.0	+0.00
GNI per capita (PPP $)	108,156	102,456	112,141	108,655	111,239	+2,584

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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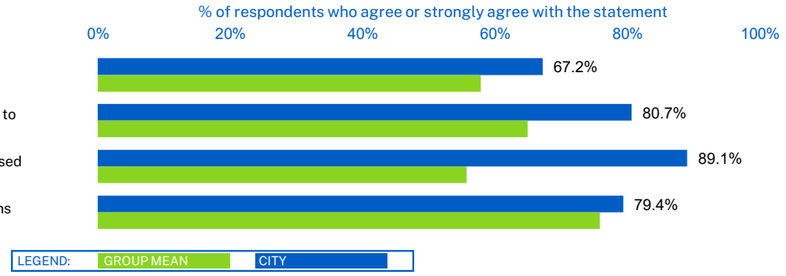


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 71.5

Health & Safety

	Score
Basic sanitation meets the needs of the poorest areas	85.0
Recycling services are satisfactory	65.8
Public safety is not a problem	83.9
Air pollution is not a problem	71.2
Medical services provision is satisfactory	78.7
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	49.1

Mobility

	Score
Traffic congestion is not a problem	50.1
Public transport is satisfactory	75.4

Activities

	Score
Green spaces are satisfactory	78.1
Cultural activities (shows, bars, and museums) are satisfactory	75.6

Opportunities (Work & School)

	Score
Employment finding services are readily available	71.3
Most children have access to a good school	78.3
Lifelong learning opportunities are provided by local institutions	82.9
Businesses are creating new jobs	60.5
Minorities feel welcome	71.5

Governance

	Score
Information on local government decisions are easily accessible	79.0
Corruption of city officials is not an issue of concern	70.4
Residents contribute to decision making of local government	60.9
Residents provide feedback on local government projects	70.5

TECHNOLOGIES

Factor average: 69.7

Health & Safety

	Score
Online reporting of city maintenance problems provides a speedy solution	71.8
A website or App allows residents to easily give away unwanted items	65.8
Free public wifi has improved access to city services	69.9
CCTV cameras has made residents feel safer	80.4
A website or App allows residents to effectively monitor air pollution	67.7
Arranging medical appointments online has improved access	80.2

Mobility

	Score
Car-sharing Apps have reduced congestion	55.1
Apps that direct you to an available parking space have reduced journey time	59.9
Bicycle hiring has reduced congestion	55.3
Online scheduling and ticket sales has made public transport easier to use	65.3
The city provides information on traffic congestion through mobile phones	73.4

Activities

	Score
Online purchasing of tickets to shows and museums has made it easier to attend	83.4

Opportunities (Work & School)

	Score
Online access to job listings has made it easier to find work	76.1
IT skills are taught well in schools	70.2
Online services provided by the city has made it easier to start a new business	72.0
The current internet speed and reliability meet connectivity needs	82.5

Governance

	Score
Online public access to city finances has reduced corruption	63.6
Online voting has increased participation	56.5
An online platform where residents can propose ideas has improved city life	64.9
Processing Identification Documents online has reduced waiting times	80.7

Sofia

SMART CITY RANKING

126

out of 148

▼

121 in 2025
out of 146

SMART CITY RATING

CC

CC in 2025

FACTOR RATINGS

CC

STRUCTURES

CC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

1,326,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.856*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

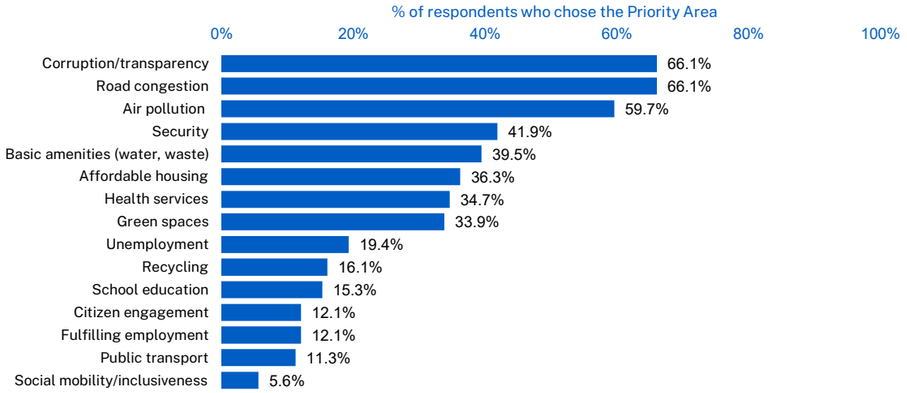
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Bulgaria	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.835	0.826	0.817	0.835	0.845	+0.010
Life expectancy at birth	75.1	73.6	71.4	74.0	75.6	+1.60
Expected years of schooling	15.6	15.6	15.4	15.3	15.3	+0.00
Mean years of schooling	11.4	11.4	11.5	11.5	11.5	+0.00
GNI per capita (PPP $)	27,292	26,169	28,237	31,462	32,175	+713

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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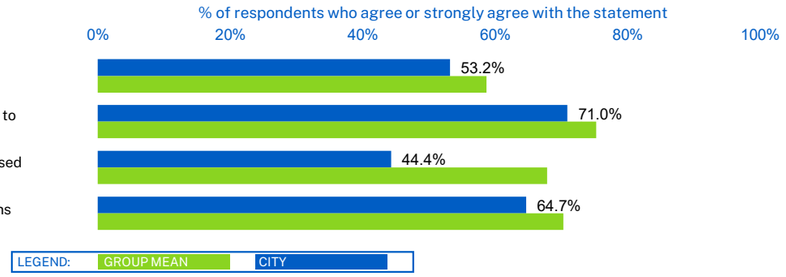


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 45.5

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	53.2
Recycling services are satisfactory	44.8
Public safety is not a problem	41.7
Air pollution is not a problem	22.9
Medical services provision is satisfactory	50.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.3

Mobility

Traffic congestion is not a problem	18.8
Public transport is satisfactory	55.1

Activities

Green spaces are satisfactory	47.7
Cultural activities (shows, bars, and museums) are satisfactory	74.7

Opportunities (Work & School)

Employment finding services are readily available	66.3
Most children have access to a good school	59.3
Lifelong learning opportunities are provided by local institutions	56.9
Businesses are creating new jobs	60.3
Minorities feel welcome	49.9

Governance

Information on local government decisions are easily accessible	45.8
Corruption of city officials is not an issue of concern	17.5
Residents contribute to decision making of local government	29.3
Residents provide feedback on local government projects	36.6

TECHNOLOGIES

Factor average: 52.1

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	41.1
A website or App allows residents to easily give away unwanted items	47.9
Free public wifi has improved access to city services	55.6
CCTV cameras has made residents feel safer	50.7
A website or App allows residents to effectively monitor air pollution	54.6
Arranging medical appointments online has improved access	64.4

Mobility

Car-sharing Apps have reduced congestion	35.7
Apps that direct you to an available parking space have reduced journey time	44.3
Bicycle hiring has reduced congestion	39.3
Online scheduling and ticket sales has made public transport easier to use	63.1
The city provides information on traffic congestion through mobile phones	55.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	78.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	71.1
IT skills are taught well in schools	57.3
Online services provided by the city has made it easier to start a new business	53.2
The current internet speed and reliability meet connectivity needs	74.6

Governance

Online public access to city finances has reduced corruption	26.8
Online voting has increased participation	34.6
An online platform where residents can propose ideas has improved city life	40.3
Processing Identification Documents online has reduced waiting times	53.7

Stockholm

SMART CITY RANKING

14

out of 148

18 in 2025
out of 146

SMART CITY RATING

BBB

AA in 2025

FACTOR RATINGS

A

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

980,000 – 1,720,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.976*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

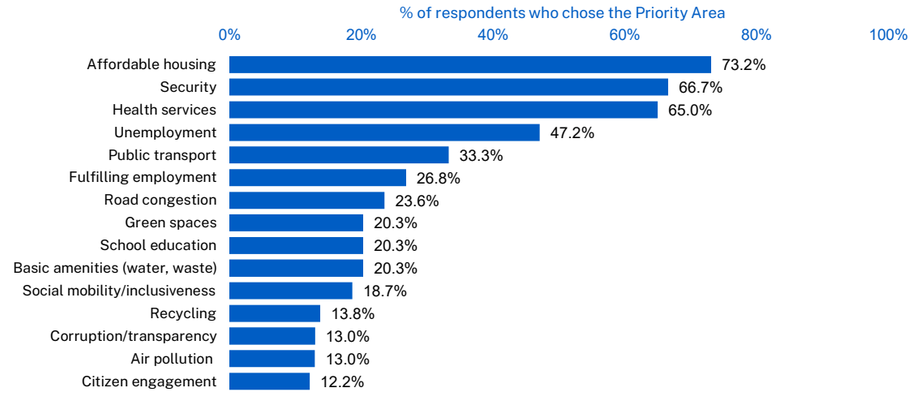
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Sweden	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.955	0.951	0.958	0.959	0.959	+0.000
Life expectancy at birth	83.1	82.4	83.0	83.0	83.3	+0.22
Expected years of schooling	18.5	18.7	19.0	19.0	19.0	+0.00
Mean years of schooling	12.6	12.7	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	63,447	62,092	66,040	67,099	66,102	-997

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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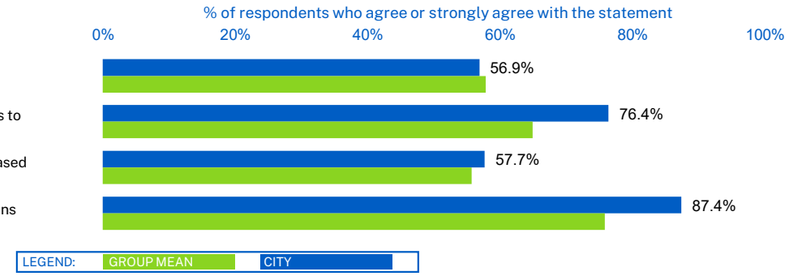


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 57.7

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.2
Recycling services are satisfactory	71.7
Public safety is not a problem	39.7
Air pollution is not a problem	54.2
Medical services provision is satisfactory	56.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	22.9

Mobility

Traffic congestion is not a problem	31.1
Public transport is satisfactory	56.7

Activities

Green spaces are satisfactory	77.8
Cultural activities (shows, bars, and museums) are satisfactory	78.2

Opportunities (Work & School)

Employment finding services are readily available	64.8
Most children have access to a good school	71.8
Lifelong learning opportunities are provided by local institutions	66.7
Businesses are creating new jobs	64.2
Minorities feel welcome	50.9

Governance

Information on local government decisions are easily accessible	68.0
Corruption of city officials is not an issue of concern	50.6
Residents contribute to decision making of local government	48.5
Residents provide feedback on local government projects	54.9

TECHNOLOGIES

Factor average: 53.2

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.8
A website or App allows residents to easily give away unwanted items	65.2
Free public wifi has improved access to city services	56.1
CCTV cameras has made residents feel safer	54.8
A website or App allows residents to effectively monitor air pollution	36.4
Arranging medical appointments online has improved access	56.7

Mobility

Car-sharing Apps have reduced congestion	32.6
Apps that direct you to an available parking space have reduced journey time	40.8
Bicycle hiring has reduced congestion	39.1
Online scheduling and ticket sales has made public transport easier to use	72.4
The city provides information on traffic congestion through mobile phones	56.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.0
IT skills are taught well in schools	54.4
Online services provided by the city has made it easier to start a new business	51.2
The current internet speed and reliability meet connectivity needs	72.7

Governance

Online public access to city finances has reduced corruption	37.8
Online voting has increased participation	43.7
An online platform where residents can propose ideas has improved city life	47.7
Processing Identification Documents online has reduced waiting times	53.4

Sydney

SMART CITY RANKING

22

out of 148

32 in 2025
out of 146

SMART CITY RATING

A

A in 2025

FACTOR RATINGS

A

STRUCTURES

AA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

3,583,000 – 5,180,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.946*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

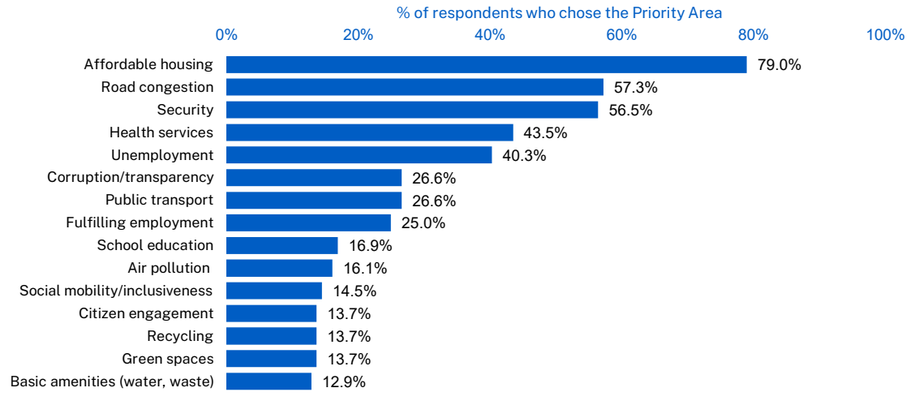
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Australia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.947	0.950	0.954	0.952	0.958	+0.006
Life expectancy at birth	83.2	83.7	83.6	82.8	83.9	+1.16
Expected years of schooling	21.4	20.9	21.1	20.7	20.7	+0.00
Mean years of schooling	12.6	12.6	12.8	12.9	12.9	+0.00
GNI per capita (PPP $)	53,813	53,837	56,782	58,256	58,277	+21

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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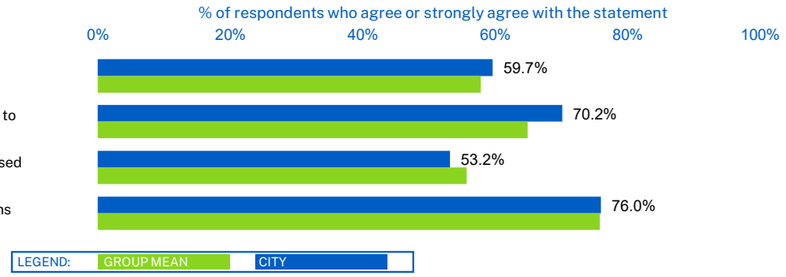


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 61.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	74.4
Recycling services are satisfactory	76.7
Public safety is not a problem	51.5
Air pollution is not a problem	54.9
Medical services provision is satisfactory	68.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	27.4

Mobility

Traffic congestion is not a problem	26.2
Public transport is satisfactory	63.0

Activities

Green spaces are satisfactory	74.9
Cultural activities (shows, bars, and museums) are satisfactory	77.1

Opportunities (Work & School)

Employment finding services are readily available	71.4
Most children have access to a good school	75.6
Lifelong learning opportunities are provided by local institutions	70.6
Businesses are creating new jobs	65.5
Minorities feel welcome	62.5

Governance

Information on local government decisions are easily accessible	65.8
Corruption of city officials is not an issue of concern	46.3
Residents contribute to decision making of local government	53.5
Residents provide feedback on local government projects	64.2

TECHNOLOGIES

Factor average: 60.3

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	54.7
A website or App allows residents to easily give away unwanted items	62.0
Free public wifi has improved access to city services	62.7
CCTV cameras has made residents feel safer	68.1
A website or App allows residents to effectively monitor air pollution	49.6
Arranging medical appointments online has improved access	73.1

Mobility

Car-sharing Apps have reduced congestion	48.1
Apps that direct you to an available parking space have reduced journey time	45.6
Bicycle hiring has reduced congestion	46.3
Online scheduling and ticket sales has made public transport easier to use	65.9
The city provides information on traffic congestion through mobile phones	64.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	72.6
IT skills are taught well in schools	59.2
Online services provided by the city has made it easier to start a new business	58.6
The current internet speed and reliability meet connectivity needs	70.3

Governance

Online public access to city finances has reduced corruption	48.4
Online voting has increased participation	59.0
An online platform where residents can propose ideas has improved city life	51.0
Processing Identification Documents online has reduced waiting times	66.9

Taipei City

SMART CITY RANKING

25

out of 148

▼

23 in 2025
out of 146

SMART CITY RATING

BBB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

2,624,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.925*

Source: National Statistical Office

Please note: The SHDI result is used to determine a city's Group (1-4)

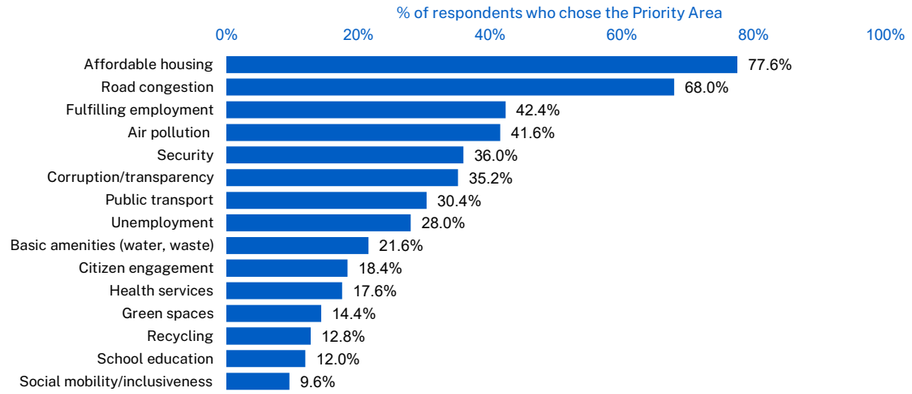
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Taiwan	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.916	0.923	0.926	0.925	0.934	+0.009
Life expectancy at birth	80.9	81.3	80.9	79.8	80.2	+0.40
Expected years of schooling	16.5	16.6	16.8	16.9	16.8	-0.10
Mean years of schooling	12.3	12.4	12.5	12.6	12.7	+0.10
GNI per capita (PPP $)	59,775	62,068	66,149	68,626	69,526	+900

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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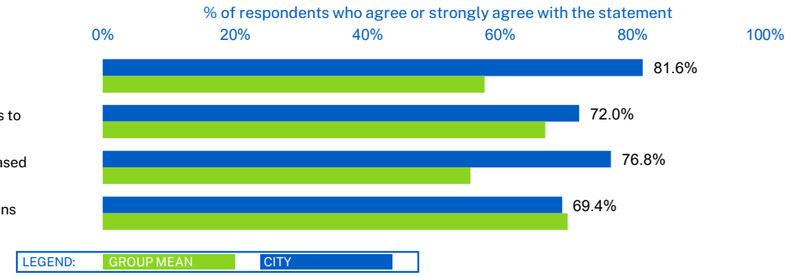


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 62.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	84.5
Recycling services are satisfactory	83.1
Public safety is not a problem	67.0
Air pollution is not a problem	43.5
Medical services provision is satisfactory	85.8
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	29.7

Mobility

Traffic congestion is not a problem	25.5
Public transport is satisfactory	59.9

Activities

Green spaces are satisfactory	64.0
Cultural activities (shows, bars, and museums) are satisfactory	74.1

Opportunities (Work & School)

Employment finding services are readily available	70.8
Most children have access to a good school	63.2
Lifelong learning opportunities are provided by local institutions	73.7
Businesses are creating new jobs	61.0
Minorities feel welcome	64.2

Governance

Information on local government decisions are easily accessible	68.4
Corruption of city officials is not an issue of concern	34.7
Residents contribute to decision making of local government	62.1
Residents provide feedback on local government projects	65.6

TECHNOLOGIES

Factor average: 68.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	65.2
A website or App allows residents to easily give away unwanted items	66.9
Free public wifi has improved access to city services	76.2
CCTV cameras has made residents feel safer	72.7
A website or App allows residents to effectively monitor air pollution	62.1
Arranging medical appointments online has improved access	84.0

Mobility

Car-sharing Apps have reduced congestion	56.4
Apps that direct you to an available parking space have reduced journey time	60.5
Bicycle hiring has reduced congestion	60.9
Online scheduling and ticket sales has made public transport easier to use	77.8
The city provides information on traffic congestion through mobile phones	75.8

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.9

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.8
IT skills are taught well in schools	60.6
Online services provided by the city has made it easier to start a new business	65.1
The current internet speed and reliability meet connectivity needs	78.0

Governance

Online public access to city finances has reduced corruption	56.4
Online voting has increased participation	66.9
An online platform where residents can propose ideas has improved city life	70.3
Processing Identification Documents online has reduced waiting times	73.5

Tallinn

SMART CITY RANKING

26

out of 148

22 in 2025
out of 146

SMART CITY RATING

BB

A in 2025

FACTOR RATINGS

BBB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

438,000 – 638,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.941*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

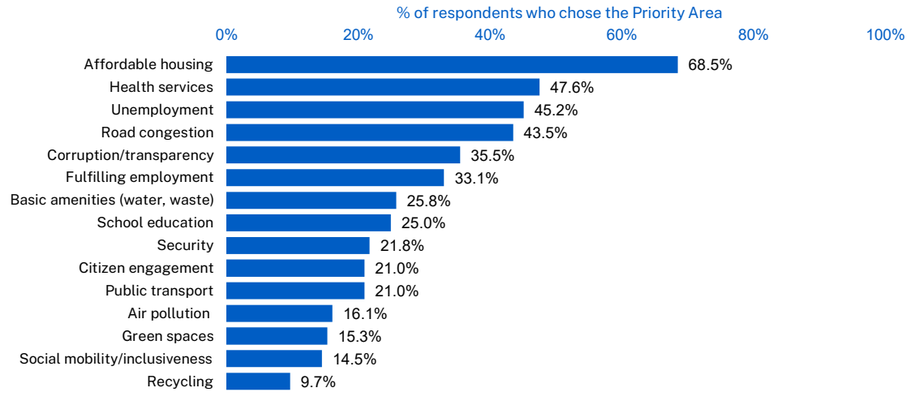
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Estonia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.901	0.901	0.899	0.902	0.905	+0.003
Life expectancy at birth	78.8	78.9	77.4	78.2	79.2	+0.99
Expected years of schooling	15.7	15.8	15.9	16.0	16.0	+0.00
Mean years of schooling	13.6	13.6	13.6	13.6	13.6	+0.00
GNI per capita (PPP $)	40,702	40,417	43,938	43,028	40,881	-2,147

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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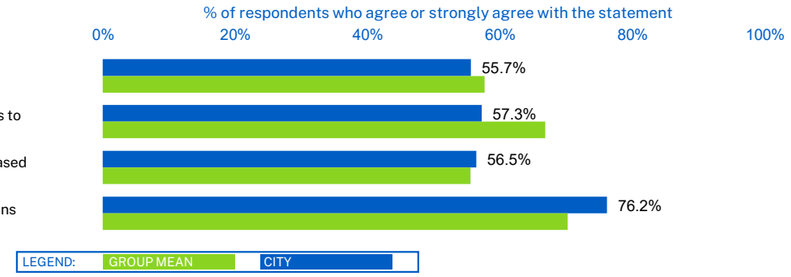


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 61.7

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	73.1
Recycling services are satisfactory	74.4
Public safety is not a problem	74.2
Air pollution is not a problem	67.6
Medical services provision is satisfactory	66.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	39.0

Mobility

Traffic congestion is not a problem	32.9
Public transport is satisfactory	67.7

Activities

Green spaces are satisfactory	69.6
Cultural activities (shows, bars, and museums) are satisfactory	78.4

Opportunities (Work & School)

Employment finding services are readily available	70.7
Most children have access to a good school	73.5
Lifelong learning opportunities are provided by local institutions	68.2
Businesses are creating new jobs	58.1
Minorities feel welcome	54.6

Governance

Information on local government decisions are easily accessible	65.3
Corruption of city officials is not an issue of concern	37.1
Residents contribute to decision making of local government	44.3
Residents provide feedback on local government projects	57.4

TECHNOLOGIES

Factor average: 60.5

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	59.8
A website or App allows residents to easily give away unwanted items	64.0
Free public wifi has improved access to city services	65.6
CCTV cameras has made residents feel safer	61.2
A website or App allows residents to effectively monitor air pollution	48.3
Arranging medical appointments online has improved access	67.4

Mobility

Car-sharing Apps have reduced congestion	42.0
Apps that direct you to an available parking space have reduced journey time	47.1
Bicycle hiring has reduced congestion	47.5
Online scheduling and ticket sales has made public transport easier to use	73.0
The city provides information on traffic congestion through mobile phones	41.1

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	74.8
IT skills are taught well in schools	60.3
Online services provided by the city has made it easier to start a new business	63.3
The current internet speed and reliability meet connectivity needs	71.6

Governance

Online public access to city finances has reduced corruption	40.3
Online voting has increased participation	71.9
An online platform where residents can propose ideas has improved city life	52.5
Processing Identification Documents online has reduced waiting times	77.2

Tel Aviv

SMART CITY RANKING

83

out of 148

96 in 2025
out of 146

SMART CITY RATING

BB

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

466,000 – 4,500,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.915*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

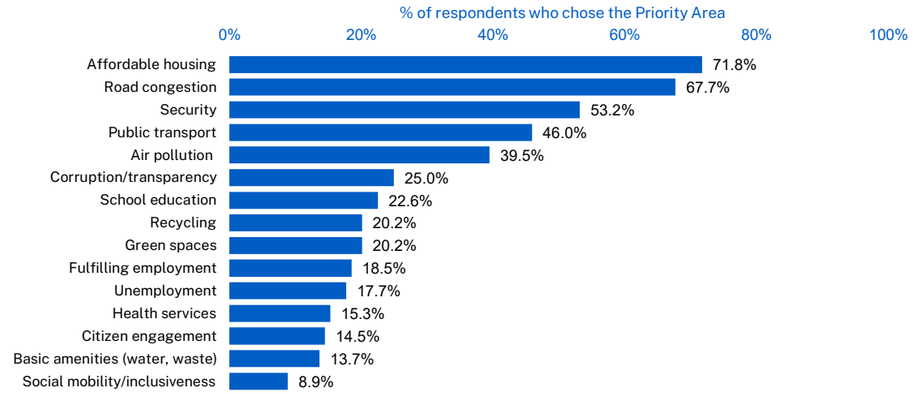
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Israel	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.913	0.912	0.918	0.921	0.919	-0.002
Life expectancy at birth	82.9	82.7	82.5	82.8	82.4	-0.41
Expected years of schooling	14.8	14.8	15.0	14.9	14.9	+0.00
Mean years of schooling	13.3	13.4	13.5	13.5	13.5	+0.00
GNI per capita (PPP $)	43,592	42,329	45,526	47,911	48,050	+139

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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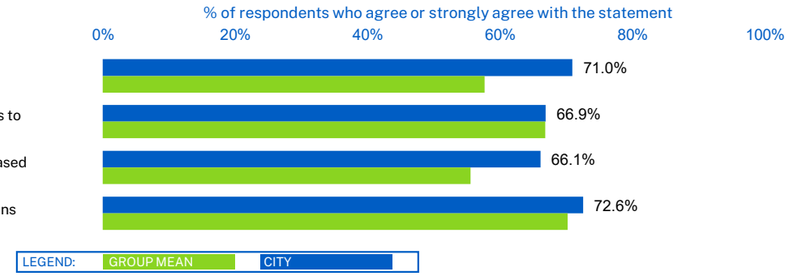


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 53.4

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	60.6
Recycling services are satisfactory	58.3
Public safety is not a problem	49.7
Air pollution is not a problem	37.1
Medical services provision is satisfactory	71.6
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	26.4

Mobility

Traffic congestion is not a problem	19.2
Public transport is satisfactory	40.0

Activities

Green spaces are satisfactory	55.8
Cultural activities (shows, bars, and museums) are satisfactory	78.9

Opportunities (Work & School)

Employment finding services are readily available	62.2
Most children have access to a good school	69.1
Lifelong learning opportunities are provided by local institutions	63.7
Businesses are creating new jobs	67.1
Minorities feel welcome	54.1

Governance

Information on local government decisions are easily accessible	60.3
Corruption of city officials is not an issue of concern	41.3
Residents contribute to decision making of local government	46.0
Residents provide feedback on local government projects	54.2

TECHNOLOGIES

Factor average: 57.2

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	60.1
A website or App allows residents to easily give away unwanted items	59.1
Free public wifi has improved access to city services	50.7
CCTV cameras has made residents feel safer	56.8
A website or App allows residents to effectively monitor air pollution	39.7
Arranging medical appointments online has improved access	73.9

Mobility

Car-sharing Apps have reduced congestion	40.5
Apps that direct you to an available parking space have reduced journey time	42.9
Bicycle hiring has reduced congestion	52.4
Online scheduling and ticket sales has made public transport easier to use	62.9
The city provides information on traffic congestion through mobile phones	49.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.8

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.1
IT skills are taught well in schools	66.0
Online services provided by the city has made it easier to start a new business	57.7
The current internet speed and reliability meet connectivity needs	74.0

Governance

Online public access to city finances has reduced corruption	45.1
Online voting has increased participation	46.7
An online platform where residents can propose ideas has improved city life	53.8
Processing Identification Documents online has reduced waiting times	65.7

The Hague

SMART CITY RANKING

54

out of 148

43 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

552,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.946*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

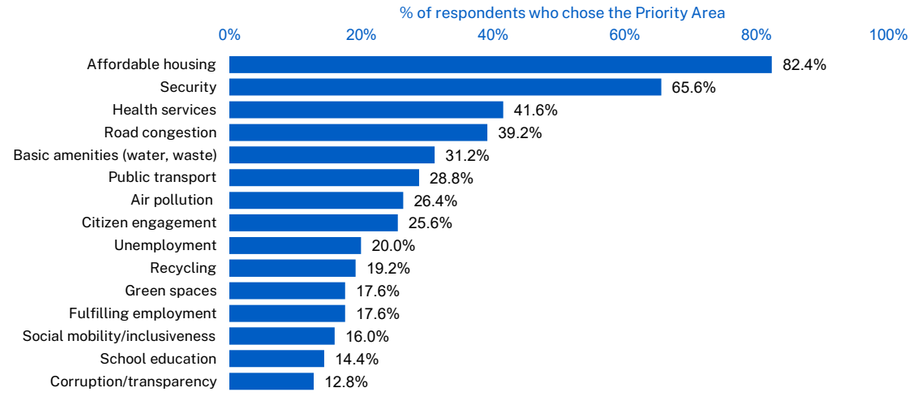
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Netherlands	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.950	0.945	0.951	0.953	0.955	+0.002
Life expectancy at birth	82.1	81.4	81.4	81.9	82.2	+0.25
Expected years of schooling	18.4	18.4	18.6	18.6	18.6	+0.00
Mean years of schooling	12.4	12.6	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	65,792	62,085	68,775	68,566	68,344	-222

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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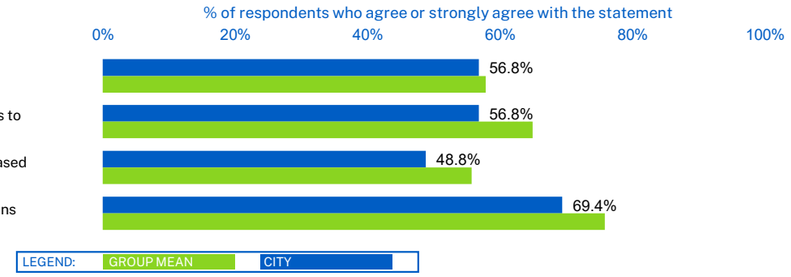


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.3

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	63.7
Recycling services are satisfactory	64.5
Public safety is not a problem	44.7
Air pollution is not a problem	41.2
Medical services provision is satisfactory	71.3
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	19.2

Mobility

Traffic congestion is not a problem	30.1
Public transport is satisfactory	64.3

Activities

Green spaces are satisfactory	62.6
Cultural activities (shows, bars, and museums) are satisfactory	74.0

Opportunities (Work & School)

Employment finding services are readily available	64.7
Most children have access to a good school	73.7
Lifelong learning opportunities are provided by local institutions	56.4
Businesses are creating new jobs	59.4
Minorities feel welcome	55.0

Governance

Information on local government decisions are easily accessible	60.4
Corruption of city officials is not an issue of concern	46.2
Residents contribute to decision making of local government	46.1
Residents provide feedback on local government projects	52.7

TECHNOLOGIES

Factor average: 53.1

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.7
A website or App allows residents to easily give away unwanted items	61.8
Free public wifi has improved access to city services	51.1
CCTV cameras has made residents feel safer	50.6
A website or App allows residents to effectively monitor air pollution	37.3
Arranging medical appointments online has improved access	64.9

Mobility

Car-sharing Apps have reduced congestion	35.5
Apps that direct you to an available parking space have reduced journey time	44.3
Bicycle hiring has reduced congestion	43.7
Online scheduling and ticket sales has made public transport easier to use	66.3
The city provides information on traffic congestion through mobile phones	45.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	76.1

Opportunities (Work & School)

Online access to job listings has made it easier to find work	69.9
IT skills are taught well in schools	51.7
Online services provided by the city has made it easier to start a new business	49.1
The current internet speed and reliability meet connectivity needs	69.8

Governance

Online public access to city finances has reduced corruption	41.6
Online voting has increased participation	46.7
An online platform where residents can propose ideas has improved city life	51.1
Processing Identification Documents online has reduced waiting times	54.4

Tianjin

SMART CITY RANKING

36

out of 148

not in 2025

SMART CITY RATING

BB

not in 2025

FACTOR RATINGS

BB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

3

out of 4

BACKGROUND INFORMATION

City

Population

12,117,000 – 13,866,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.858*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

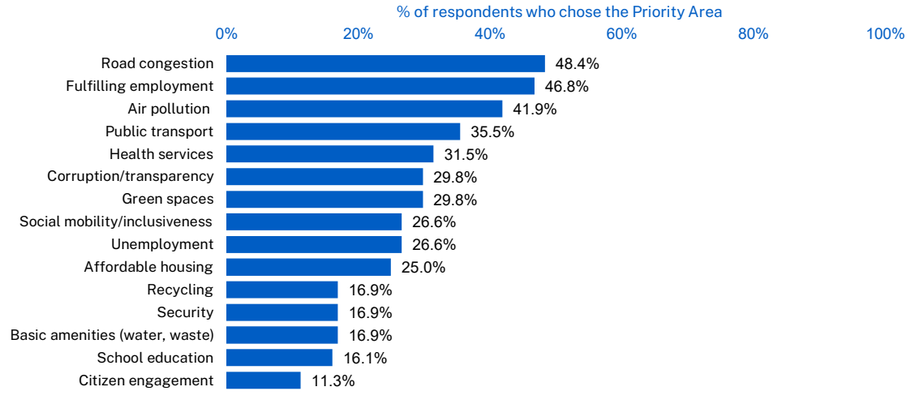
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

China	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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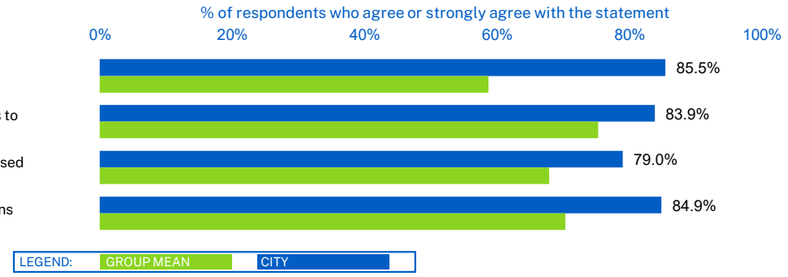


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 71.9

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	83.5
Recycling services are satisfactory	72.9
Public safety is not a problem	78.1
Air pollution is not a problem	60.0
Medical services provision is satisfactory	79.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	69.6

Mobility

Traffic congestion is not a problem	56.7
Public transport is satisfactory	71.2

Activities

Green spaces are satisfactory	80.0
Cultural activities (shows, bars, and museums) are satisfactory	78.3

Opportunities (Work & School)

Employment finding services are readily available	75.5
Most children have access to a good school	74.5
Lifelong learning opportunities are provided by local institutions	67.0
Businesses are creating new jobs	68.7
Minorities feel welcome	79.8

Governance

Information on local government decisions are easily accessible	77.6
Corruption of city officials is not an issue of concern	58.6
Residents contribute to decision making of local government	63.4
Residents provide feedback on local government projects	71.5

TECHNOLOGIES

Factor average: 81.0

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	86.0
A website or App allows residents to easily give away unwanted items	78.3
Free public wifi has improved access to city services	78.3
CCTV cameras has made residents feel safer	79.1
A website or App allows residents to effectively monitor air pollution	73.2
Arranging medical appointments online has improved access	87.6

Mobility

Car-sharing Apps have reduced congestion	76.1
Apps that direct you to an available parking space have reduced journey time	82.8
Bicycle hiring has reduced congestion	82.0
Online scheduling and ticket sales has made public transport easier to use	89.4
The city provides information on traffic congestion through mobile phones	83.5

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	90.0

Opportunities (Work & School)

Online access to job listings has made it easier to find work	82.4
IT skills are taught well in schools	76.5
Online services provided by the city has made it easier to start a new business	77.6
The current internet speed and reliability meet connectivity needs	87.1

Governance

Online public access to city finances has reduced corruption	73.7
Online voting has increased participation	73.3
An online platform where residents can propose ideas has improved city life	77.0
Processing Identification Documents online has reduced waiting times	85.2

Tokyo

SMART CITY RANKING

98

out of 148

108 in 2025
out of 146

SMART CITY RATING

BB

BB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

13,073,000 – 37,785,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.946*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

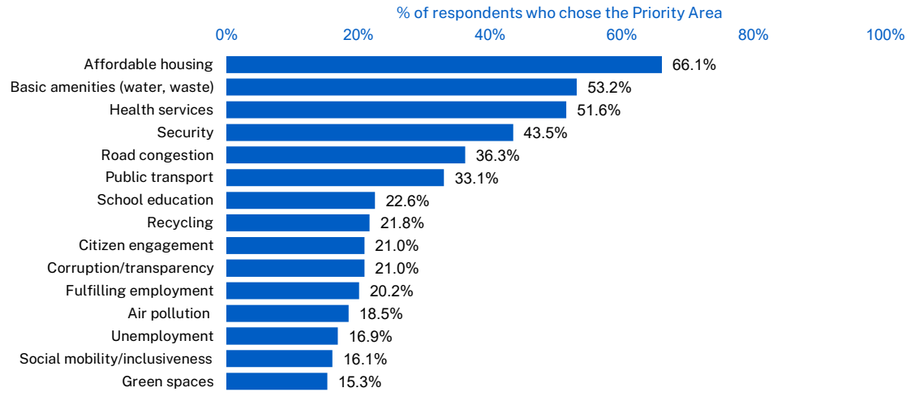
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Japan	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.922	0.922	0.922	0.921	0.925	+0.004
Life expectancy at birth	84.4	84.7	84.6	84.1	84.7	+0.66
Expected years of schooling	15.4	15.5	15.4	15.5	15.5	+0.00
Mean years of schooling	12.7	12.7	12.7	12.7	12.7	+0.00
GNI per capita (PPP $)	46,915	45,395	46,679	46,656	47,775	+1,118

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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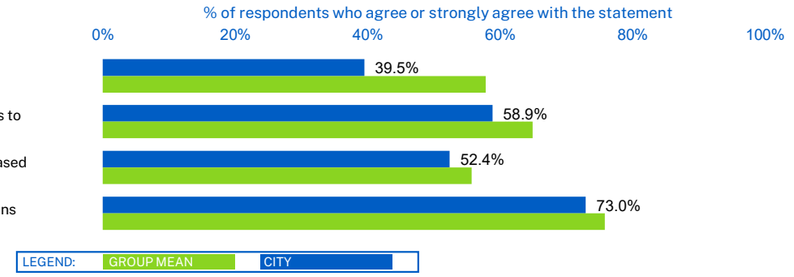


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 52.1

Score

Health & Safety

Basic sanitation meets the needs of the poorest areas	69.9
Recycling services are satisfactory	67.1
Public safety is not a problem	54.4
Air pollution is not a problem	43.4
Medical services provision is satisfactory	69.9
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	39.3

Mobility

Traffic congestion is not a problem	30.0
Public transport is satisfactory	72.9

Activities

Green spaces are satisfactory	46.1
Cultural activities (shows, bars, and museums) are satisfactory	65.2

Opportunities (Work & School)

Employment finding services are readily available	55.0
Most children have access to a good school	53.1
Lifelong learning opportunities are provided by local institutions	57.1
Businesses are creating new jobs	52.5
Minorities feel welcome	38.5

Governance

Information on local government decisions are easily accessible	55.4
Corruption of city officials is not an issue of concern	33.8
Residents contribute to decision making of local government	44.9
Residents provide feedback on local government projects	41.3

TECHNOLOGIES

Factor average: 45.6

Score

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	47.8
A website or App allows residents to easily give away unwanted items	58.0
Free public wifi has improved access to city services	51.5
CCTV cameras has made residents feel safer	59.8
A website or App allows residents to effectively monitor air pollution	37.7
Arranging medical appointments online has improved access	57.5

Mobility

Car-sharing Apps have reduced congestion	22.5
Apps that direct you to an available parking space have reduced journey time	37.5
Bicycle hiring has reduced congestion	26.9
Online scheduling and ticket sales has made public transport easier to use	54.1
The city provides information on traffic congestion through mobile phones	61.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	62.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	60.0
IT skills are taught well in schools	34.7
Online services provided by the city has made it easier to start a new business	37.6
The current internet speed and reliability meet connectivity needs	61.5

Governance

Online public access to city finances has reduced corruption	30.2
Online voting has increased participation	29.2
An online platform where residents can propose ideas has improved city life	35.1
Processing Identification Documents online has reduced waiting times	46.2

Toronto

SMART CITY RANKING

48

out of 148

63 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

3,153,000 – 6,430,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.942*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

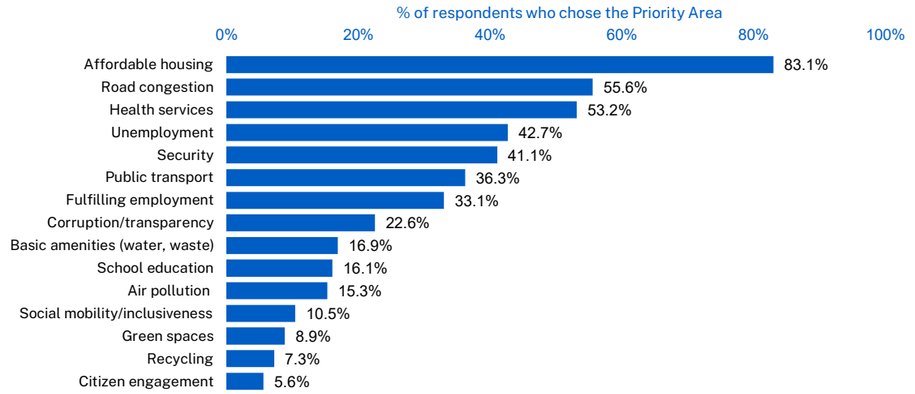
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Canada	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.937	0.931	0.937	0.935	0.939	+0.004
Life expectancy at birth	82.3	81.7	82.0	81.2	82.6	+1.38
Expected years of schooling	15.9	15.9	16.0	15.9	15.9	+0.00
Mean years of schooling	13.8	13.8	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	54,499	50,925	55,302	56,952	54,688	-2,264

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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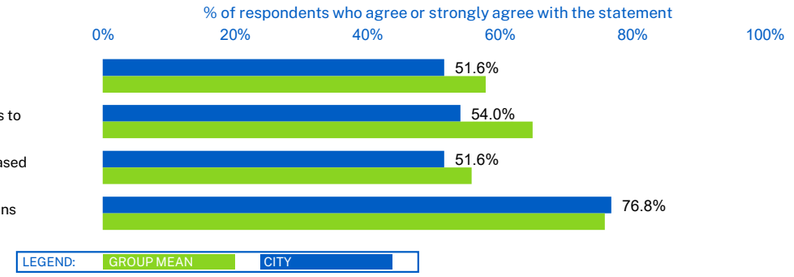


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.2

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.1
Recycling services are satisfactory	72.7
Public safety is not a problem	41.7
Air pollution is not a problem	48.6
Medical services provision is satisfactory	56.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	27.8

Mobility

Traffic congestion is not a problem	18.5
Public transport is satisfactory	50.7

Activities

Green spaces are satisfactory	68.6
Cultural activities (shows, bars, and museums) are satisfactory	76.9

Opportunities (Work & School)

Employment finding services are readily available	57.9
Most children have access to a good school	66.6
Lifelong learning opportunities are provided by local institutions	65.3
Businesses are creating new jobs	54.1
Minorities feel welcome	61.8

Governance

Information on local government decisions are easily accessible	65.0
Corruption of city officials is not an issue of concern	42.3
Residents contribute to decision making of local government	48.8
Residents provide feedback on local government projects	59.7

TECHNOLOGIES

Factor average: 55.4

Score (0 – 20 – 40 – 60 – 80 – 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	48.9
A website or App allows residents to easily give away unwanted items	60.9
Free public wifi has improved access to city services	56.7
CCTV cameras has made residents feel safer	56.9
A website or App allows residents to effectively monitor air pollution	46.8
Arranging medical appointments online has improved access	61.8

Mobility

Car-sharing Apps have reduced congestion	45.1
Apps that direct you to an available parking space have reduced journey time	48.4
Bicycle hiring has reduced congestion	45.7
Online scheduling and ticket sales has made public transport easier to use	60.5
The city provides information on traffic congestion through mobile phones	55.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	71.6

Opportunities (Work & School)

Online access to job listings has made it easier to find work	61.3
IT skills are taught well in schools	51.3
Online services provided by the city has made it easier to start a new business	50.8
The current internet speed and reliability meet connectivity needs	74.4

Governance

Online public access to city finances has reduced corruption	45.2
Online voting has increased participation	54.3
An online platform where residents can propose ideas has improved city life	51.0
Processing Identification Documents online has reduced waiting times	60.4

Tunis

SMART CITY RANKING

146

out of 148

142 in 2025
out of 146

SMART CITY RATING

D

D in 2025

FACTOR RATINGS

D

STRUCTURES

D

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

599,000 – 2,510,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.777*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

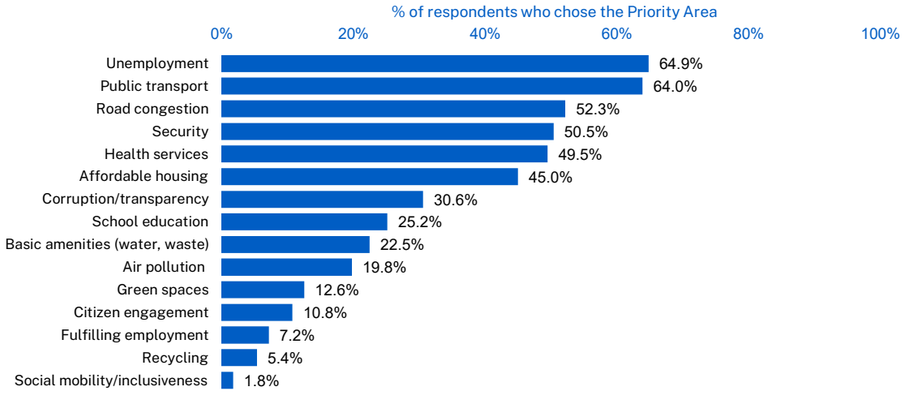
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Tunisia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.740	0.733	0.728	0.745	0.746	+0.001
Life expectancy at birth	75.6	75.0	72.9	76.1	76.5	+0.46
Expected years of schooling	14.6	14.6	14.7	14.7	14.7	+0.00
Mean years of schooling	7.3	7.4	7.5	7.6	7.6	+0.00
GNI per capita (PPP $)	12,608	11,331	11,840	12,122	12,011	-111

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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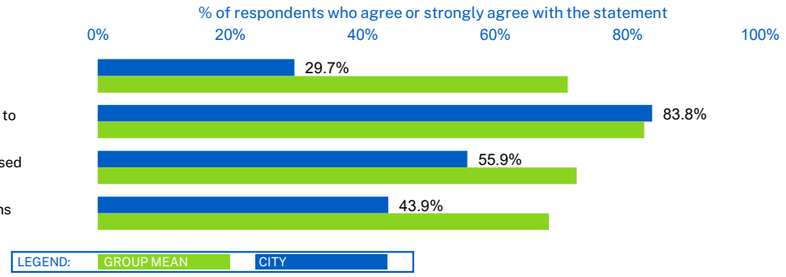


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 36.1

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	38.0
Recycling services are satisfactory	34.7
Public safety is not a problem	36.7
Air pollution is not a problem	25.1
Medical services provision is satisfactory	39.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	30.2

Mobility

Traffic congestion is not a problem	16.6
Public transport is satisfactory	18.0

Activities

Green spaces are satisfactory	43.3
Cultural activities (shows, bars, and museums) are satisfactory	54.3

Opportunities (Work & School)

Employment finding services are readily available	31.1
Most children have access to a good school	47.5
Lifelong learning opportunities are provided by local institutions	54.5
Businesses are creating new jobs	33.1
Minorities feel welcome	46.4

Governance

Information on local government decisions are easily accessible	42.1
Corruption of city officials is not an issue of concern	24.1
Residents contribute to decision making of local government	34.3
Residents provide feedback on local government projects	36.1

TECHNOLOGIES

Factor average: 44.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	40.4
A website or App allows residents to easily give away unwanted items	41.6
Free public wifi has improved access to city services	37.4
CCTV cameras has made residents feel safer	52.5
A website or App allows residents to effectively monitor air pollution	31.0
Arranging medical appointments online has improved access	55.6

Mobility

Car-sharing Apps have reduced congestion	37.1
Apps that direct you to an available parking space have reduced journey time	39.6
Bicycle hiring has reduced congestion	37.0
Online scheduling and ticket sales has made public transport easier to use	47.0
The city provides information on traffic congestion through mobile phones	34.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	66.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	63.0
IT skills are taught well in schools	53.2
Online services provided by the city has made it easier to start a new business	42.2
The current internet speed and reliability meet connectivity needs	52.7

Governance

Online public access to city finances has reduced corruption	38.5
Online voting has increased participation	39.7
An online platform where residents can propose ideas has improved city life	42.1
Processing Identification Documents online has reduced waiting times	45.4

Vancouver

SMART CITY RANKING

58

out of 148

53 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BBB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

721,000 – 2,680,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.946*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

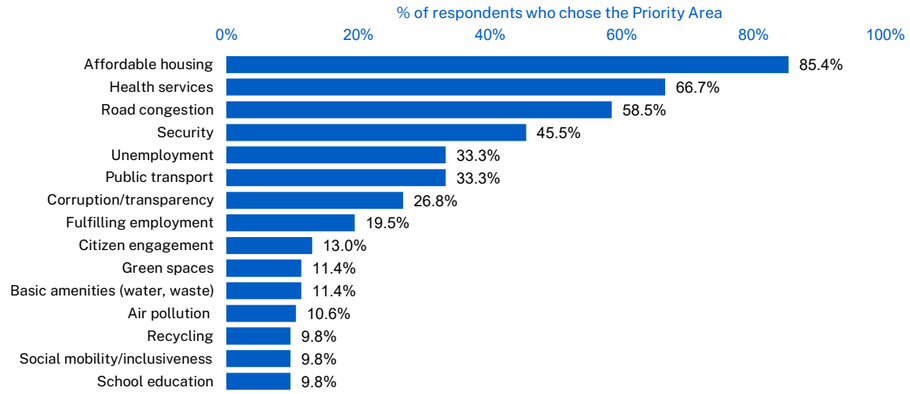
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Canada	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.937	0.931	0.937	0.935	0.939	+0.004
Life expectancy at birth	82.3	81.7	82.0	81.2	82.6	+1.38
Expected years of schooling	15.9	15.9	16.0	15.9	15.9	+0.00
Mean years of schooling	13.8	13.8	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	54,499	50,925	55,302	56,952	54,688	-2,264

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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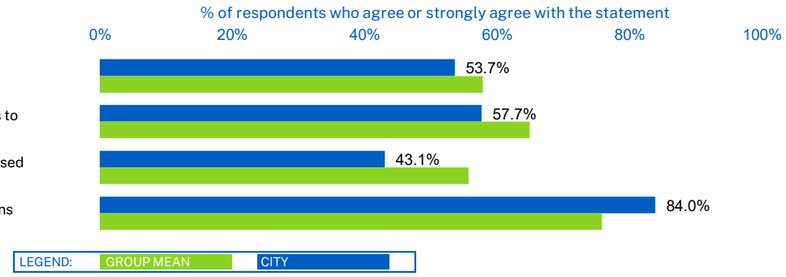


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 56.4

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	56.3
Recycling services are satisfactory	78.6
Public safety is not a problem	40.7
Air pollution is not a problem	57.6
Medical services provision is satisfactory	51.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	15.8

Mobility

Traffic congestion is not a problem	18.2
Public transport is satisfactory	59.2

Activities

Green spaces are satisfactory	76.9
Cultural activities (shows, bars, and museums) are satisfactory	75.0

Opportunities (Work & School)

Employment finding services are readily available	64.8
Most children have access to a good school	72.9
Lifelong learning opportunities are provided by local institutions	69.6
Businesses are creating new jobs	53.4
Minorities feel welcome	66.8

Governance

Information on local government decisions are easily accessible	60.1
Corruption of city officials is not an issue of concern	44.1
Residents contribute to decision making of local government	50.9
Residents provide feedback on local government projects	59.4

TECHNOLOGIES

Factor average: 51.8

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	49.9
A website or App allows residents to easily give away unwanted items	58.6
Free public wifi has improved access to city services	54.8
CCTV cameras has made residents feel safer	46.1
A website or App allows residents to effectively monitor air pollution	44.2
Arranging medical appointments online has improved access	62.3

Mobility

Car-sharing Apps have reduced congestion	43.2
Apps that direct you to an available parking space have reduced journey time	39.7
Bicycle hiring has reduced congestion	40.3
Online scheduling and ticket sales has made public transport easier to use	56.0
The city provides information on traffic congestion through mobile phones	49.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	68.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.3
IT skills are taught well in schools	52.8
Online services provided by the city has made it easier to start a new business	45.2
The current internet speed and reliability meet connectivity needs	73.8

Governance

Online public access to city finances has reduced corruption	39.3
Online voting has increased participation	48.5
An online platform where residents can propose ideas has improved city life	45.2
Processing Identification Documents online has reduced waiting times	52.0

Vienna

SMART CITY RANKING

28

out of 148

26 in 2025
out of 146

SMART CITY RATING

A

A in 2025

FACTOR RATINGS

AA

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

1,986,000 – 2,223,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.948*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

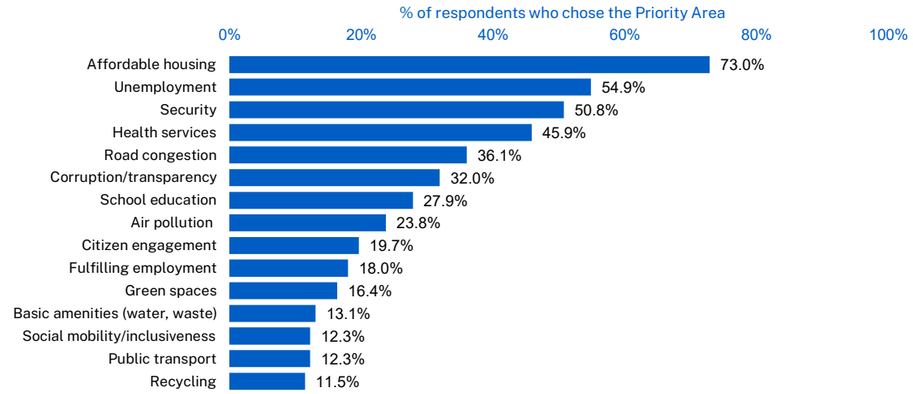
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Austria	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.928	0.925	0.930	0.927	0.930	+0.003
Life expectancy at birth	81.9	81.8	81.8	81.3	82.0	+0.66
Expected years of schooling	16.1	16.1	16.4	16.3	16.3	+0.00
Mean years of schooling	12.3	12.3	12.4	12.4	12.4	+0.00
GNI per capita (PPP $)	65,535	62,012	64,408	64,374	63,479	-895

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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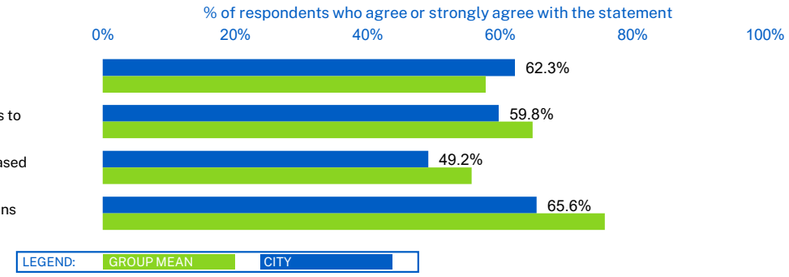


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 62.3

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	78.6
Recycling services are satisfactory	79.8
Public safety is not a problem	62.1
Air pollution is not a problem	60.0
Medical services provision is satisfactory	72.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	29.3

Mobility

Traffic congestion is not a problem	42.2
Public transport is satisfactory	75.6

Activities

Green spaces are satisfactory	74.4
Cultural activities (shows, bars, and museums) are satisfactory	86.2

Opportunities (Work & School)

Employment finding services are readily available	67.3
Most children have access to a good school	68.2
Lifelong learning opportunities are provided by local institutions	65.8
Businesses are creating new jobs	60.4
Minorities feel welcome	56.1

Governance

Information on local government decisions are easily accessible	58.3
Corruption of city officials is not an issue of concern	44.6
Residents contribute to decision making of local government	48.6
Residents provide feedback on local government projects	54.4

TECHNOLOGIES

Factor average: 55.6

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	51.0
A website or App allows residents to easily give away unwanted items	63.6
Free public wifi has improved access to city services	56.0
CCTV cameras has made residents feel safer	44.2
A website or App allows residents to effectively monitor air pollution	41.6
Arranging medical appointments online has improved access	62.6

Mobility

Car-sharing Apps have reduced congestion	38.6
Apps that direct you to an available parking space have reduced journey time	40.3
Bicycle hiring has reduced congestion	51.2
Online scheduling and ticket sales has made public transport easier to use	76.4
The city provides information on traffic congestion through mobile phones	62.4

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	71.6
IT skills are taught well in schools	53.9
Online services provided by the city has made it easier to start a new business	50.8
The current internet speed and reliability meet connectivity needs	72.6

Governance

Online public access to city finances has reduced corruption	39.2
Online voting has increased participation	49.8
An online platform where residents can propose ideas has improved city life	46.7
Processing Identification Documents online has reduced waiting times	59.2

Vilnius

SMART CITY RANKING

32

out of 148

34 in 2025
out of 146

SMART CITY RATING

BBB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

589,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.918*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

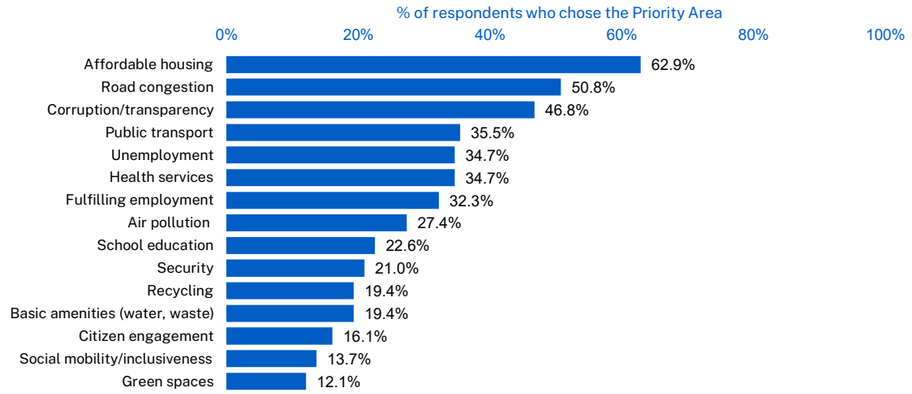
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Lithuania	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.894	0.888	0.887	0.888	0.895	+0.007
Life expectancy at birth	76.4	75.1	74.3	74.7	76.0	+1.33
Expected years of schooling	16.2	16.1	16.3	16.5	16.5	+0.00
Mean years of schooling	13.4	13.5	13.6	13.6	13.6	+0.00
GNI per capita (PPP $)	43,776	44,353	44,641	42,325	41,916	-408

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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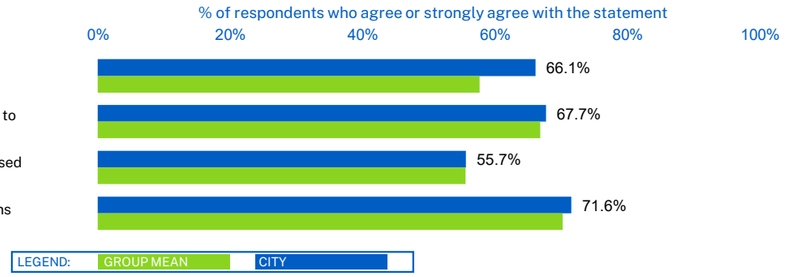


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 64.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	77.7
Recycling services are satisfactory	79.5
Public safety is not a problem	77.2
Air pollution is not a problem	64.3
Medical services provision is satisfactory	69.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	41.4

Mobility

Traffic congestion is not a problem	36.4
Public transport is satisfactory	62.0

Activities

Green spaces are satisfactory	78.7
Cultural activities (shows, bars, and museums) are satisfactory	84.6

Opportunities (Work & School)

Employment finding services are readily available	74.2
Most children have access to a good school	72.0
Lifelong learning opportunities are provided by local institutions	68.6
Businesses are creating new jobs	69.3
Minorities feel welcome	57.9

Governance

Information on local government decisions are easily accessible	63.9
Corruption of city officials is not an issue of concern	42.7
Residents contribute to decision making of local government	48.8
Residents provide feedback on local government projects	59.5

TECHNOLOGIES

Factor average: 63.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	59.7
A website or App allows residents to easily give away unwanted items	67.5
Free public wifi has improved access to city services	67.4
CCTV cameras has made residents feel safer	64.0
A website or App allows residents to effectively monitor air pollution	51.8
Arranging medical appointments online has improved access	70.5

Mobility

Car-sharing Apps have reduced congestion	53.7
Apps that direct you to an available parking space have reduced journey time	60.0
Bicycle hiring has reduced congestion	58.3
Online scheduling and ticket sales has made public transport easier to use	72.0
The city provides information on traffic congestion through mobile phones	58.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	81.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	76.3
IT skills are taught well in schools	63.8
Online services provided by the city has made it easier to start a new business	61.4
The current internet speed and reliability meet connectivity needs	79.7

Governance

Online public access to city finances has reduced corruption	46.6
Online voting has increased participation	51.6
An online platform where residents can propose ideas has improved city life	55.4
Processing Identification Documents online has reduced waiting times	71.1

Warsaw

SMART CITY RANKING

31

out of 148

28 in 2025
out of 146

SMART CITY RATING

BB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

1,916,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.931*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

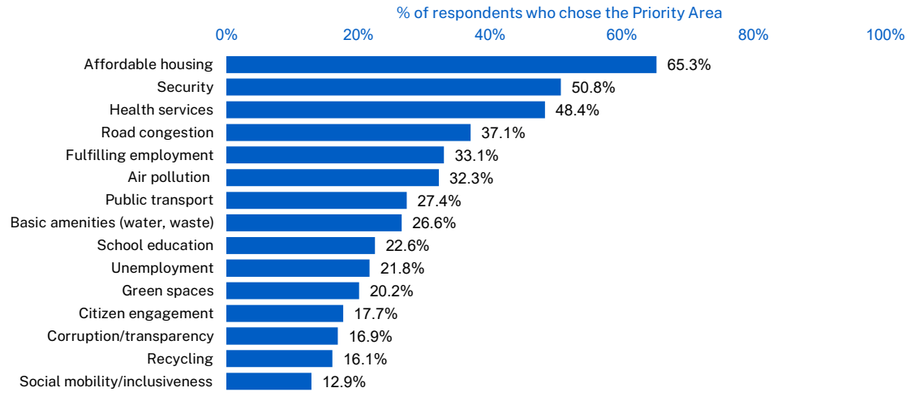
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Poland	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.887	0.880	0.884	0.902	0.906	+0.004
Life expectancy at birth	77.9	76.6	75.6	77.9	78.6	+0.71
Expected years of schooling	15.9	15.8	16.4	16.7	16.7	+0.00
Mean years of schooling	13.1	13.2	13.2	13.2	13.2	+0.00
GNI per capita (PPP $)	36,800	36,245	38,629	42,129	42,218	+88

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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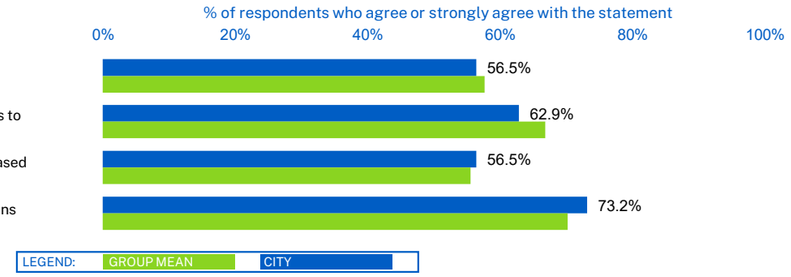


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 60.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	70.0
Recycling services are satisfactory	64.8
Public safety is not a problem	60.0
Air pollution is not a problem	42.6
Medical services provision is satisfactory	50.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	25.5

Mobility

Traffic congestion is not a problem	39.2
Public transport is satisfactory	66.5

Activities

Green spaces are satisfactory	67.9
Cultural activities (shows, bars, and museums) are satisfactory	80.5

Opportunities (Work & School)

Employment finding services are readily available	65.1
Most children have access to a good school	70.3
Lifelong learning opportunities are provided by local institutions	72.4
Businesses are creating new jobs	68.8
Minorities feel welcome	59.7

Governance

Information on local government decisions are easily accessible	65.4
Corruption of city officials is not an issue of concern	51.8
Residents contribute to decision making of local government	59.1
Residents provide feedback on local government projects	70.1

TECHNOLOGIES

Factor average: 62.7

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	57.5
A website or App allows residents to easily give away unwanted items	62.1
Free public wifi has improved access to city services	61.3
CCTV cameras has made residents feel safer	58.6
A website or App allows residents to effectively monitor air pollution	63.2
Arranging medical appointments online has improved access	64.9

Mobility

Car-sharing Apps have reduced congestion	51.3
Apps that direct you to an available parking space have reduced journey time	56.1
Bicycle hiring has reduced congestion	59.9
Online scheduling and ticket sales has made public transport easier to use	69.9
The city provides information on traffic congestion through mobile phones	54.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	73.7
IT skills are taught well in schools	60.0
Online services provided by the city has made it easier to start a new business	63.4
The current internet speed and reliability meet connectivity needs	74.1

Governance

Online public access to city finances has reduced corruption	49.4
Online voting has increased participation	59.1
An online platform where residents can propose ideas has improved city life	63.5
Processing Identification Documents online has reduced waiting times	71.6

Washington D.C.

SMART CITY RANKING

39

out of 148

62 in 2025
out of 146

SMART CITY RATING

BBB

BB in 2025

FACTOR RATINGS

BBB

STRUCTURES

A

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

679,000 – 7,958,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.947*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

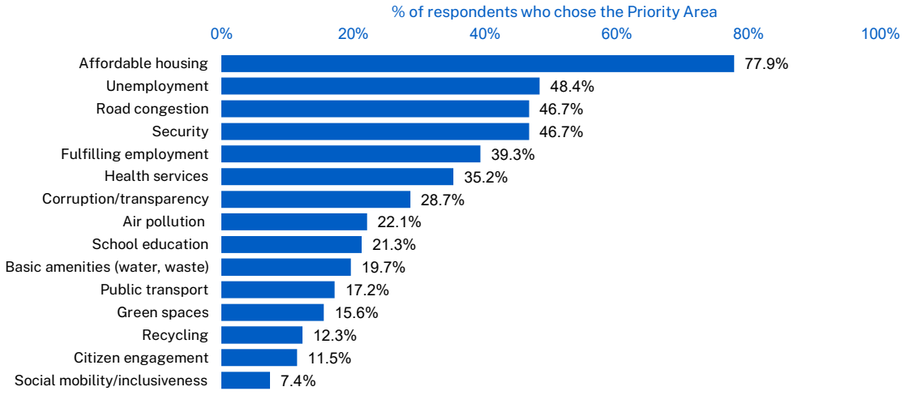
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

United States	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.936	0.925	0.921	0.930	0.938	+0.008
Life expectancy at birth	78.9	77.0	76.4	78.0	79.3	+1.33
Expected years of schooling	16.6	16.6	16.4	15.9	15.9	+0.00
Mean years of schooling	13.6	13.7	13.6	13.9	13.9	+0.00
GNI per capita (PPP $)	69,957	67,530	71,609	72,993	73,650	+657

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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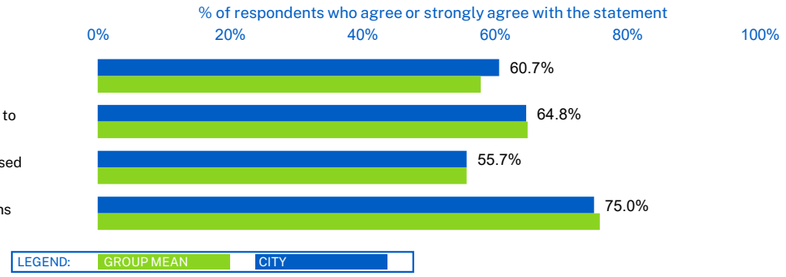


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 55.4

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	59.0
Recycling services are satisfactory	64.6
Public safety is not a problem	37.5
Air pollution is not a problem	44.3
Medical services provision is satisfactory	64.4
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	32.7

Mobility

Traffic congestion is not a problem	22.1
Public transport is satisfactory	57.4

Activities

Green spaces are satisfactory	63.9
Cultural activities (shows, bars, and museums) are satisfactory	81.7

Opportunities (Work & School)

Employment finding services are readily available	63.6
Most children have access to a good school	56.9
Lifelong learning opportunities are provided by local institutions	62.6
Businesses are creating new jobs	57.8
Minorities feel welcome	62.3

Governance

Information on local government decisions are easily accessible	68.5
Corruption of city officials is not an issue of concern	38.6
Residents contribute to decision making of local government	53.1
Residents provide feedback on local government projects	62.0

TECHNOLOGIES

Factor average: 56.5

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	50.9
A website or App allows residents to easily give away unwanted items	58.8
Free public wifi has improved access to city services	57.0
CCTV cameras has made residents feel safer	52.2
A website or App allows residents to effectively monitor air pollution	41.8
Arranging medical appointments online has improved access	66.4

Mobility

Car-sharing Apps have reduced congestion	48.4
Apps that direct you to an available parking space have reduced journey time	51.9
Bicycle hiring has reduced congestion	46.1
Online scheduling and ticket sales has made public transport easier to use	60.2
The city provides information on traffic congestion through mobile phones	61.6

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	77.4

Opportunities (Work & School)

Online access to job listings has made it easier to find work	66.8
IT skills are taught well in schools	53.3
Online services provided by the city has made it easier to start a new business	53.1
The current internet speed and reliability meet connectivity needs	71.3

Governance

Online public access to city finances has reduced corruption	43.1
Online voting has increased participation	56.2
An online platform where residents can propose ideas has improved city life	52.2
Processing Identification Documents online has reduced waiting times	62.1

Wellington

SMART CITY RANKING

27

out of 148

30 in 2025
out of 146

SMART CITY RATING

BBB

A in 2025

FACTOR RATINGS

A

STRUCTURES

BB

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

215,000 – 380,000

Source: multiple (range)

Sub-national Human Development Index

SHDI: *0.969*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

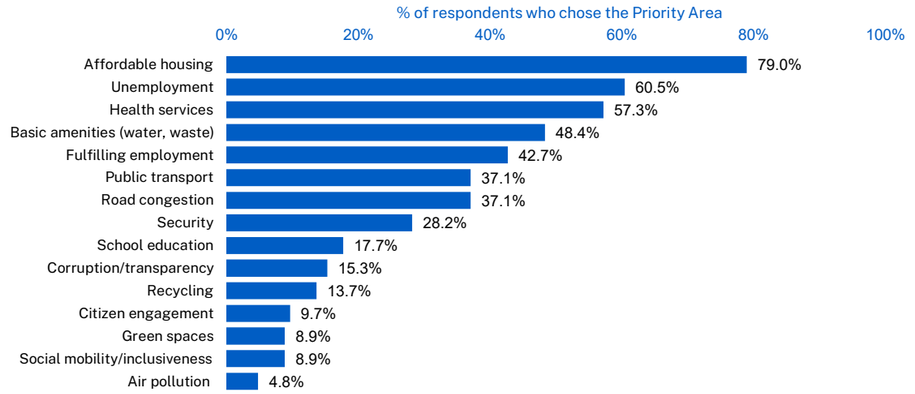
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

New Zealand	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.938	0.940	0.939	0.933	0.938	+0.005
Life expectancy at birth	81.8	82.7	82.3	81.0	82.1	+1.08
Expected years of schooling	19.5	19.2	19.7	19.3	19.3	+0.00
Mean years of schooling	13.0	12.9	12.9	12.9	12.9	+0.00
GNI per capita (PPP $)	46,255	45,568	46,919	47,291	47,260	-32

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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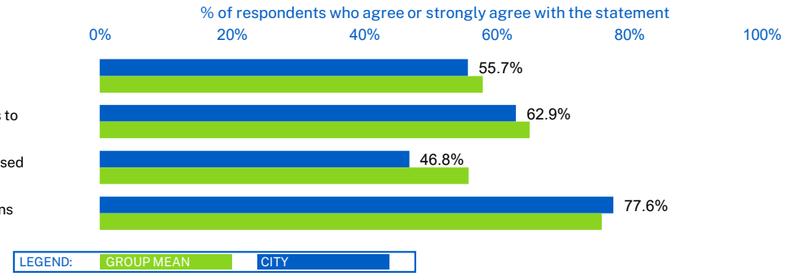


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 58.1

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.9
Recycling services are satisfactory	74.0
Public safety is not a problem	53.1
Air pollution is not a problem	66.5
Medical services provision is satisfactory	59.1
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	23.7

Mobility

Traffic congestion is not a problem	33.7
Public transport is satisfactory	54.5

Activities

Green spaces are satisfactory	72.6
Cultural activities (shows, bars, and museums) are satisfactory	77.7

Opportunities (Work & School)

Employment finding services are readily available	61.5
Most children have access to a good school	73.7
Lifelong learning opportunities are provided by local institutions	66.0
Businesses are creating new jobs	39.8
Minorities feel welcome	63.3

Governance

Information on local government decisions are easily accessible	56.2
Corruption of city officials is not an issue of concern	50.2
Residents contribute to decision making of local government	47.6
Residents provide feedback on local government projects	63.0

TECHNOLOGIES

Factor average: 49.8

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	43.1
A website or App allows residents to easily give away unwanted items	63.1
Free public wifi has improved access to city services	56.0
CCTV cameras has made residents feel safer	52.9
A website or App allows residents to effectively monitor air pollution	32.2
Arranging medical appointments online has improved access	59.1

Mobility

Car-sharing Apps have reduced congestion	34.1
Apps that direct you to an available parking space have reduced journey time	34.6
Bicycle hiring has reduced congestion	39.7
Online scheduling and ticket sales has made public transport easier to use	56.2
The city provides information on traffic congestion through mobile phones	51.3

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	71.5

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.2
IT skills are taught well in schools	49.2
Online services provided by the city has made it easier to start a new business	40.0
The current internet speed and reliability meet connectivity needs	71.1

Governance

Online public access to city finances has reduced corruption	34.5
Online voting has increased participation	44.8
An online platform where residents can propose ideas has improved city life	42.9
Processing Identification Documents online has reduced waiting times	54.6

Zagreb

SMART CITY RANKING

80

out of 148

85 in 2025
out of 146

SMART CITY RATING

B

B in 2025

FACTOR RATINGS

BB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

768,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.938*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

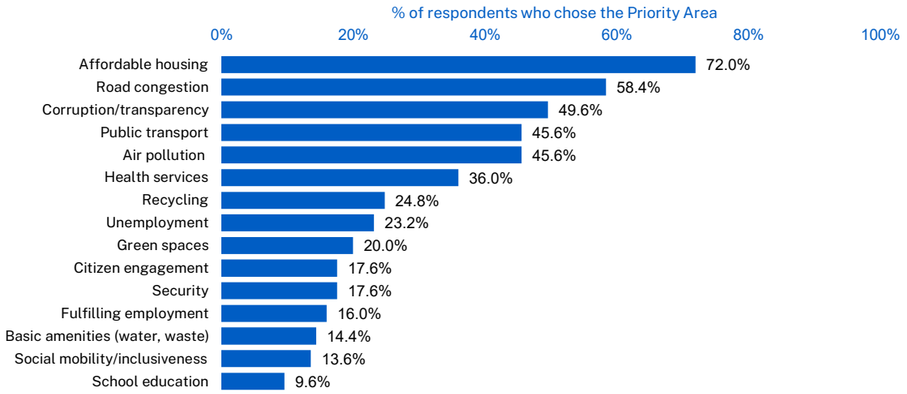
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Croatia	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.872	0.867	0.876	0.886	0.889	+0.003
Life expectancy at birth	78.2	77.5	77.1	78.3	78.6	+0.30
Expected years of schooling	16.0	16.1	16.2	16.3	16.3	+0.00
Mean years of schooling	11.8	12.0	12.1	12.1	12.1	+0.00
GNI per capita (PPP $)	34,259	32,198	37,240	40,188	41,380	+1,192

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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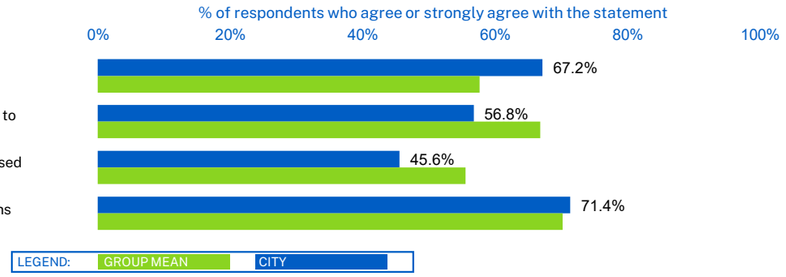


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 52.6

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	66.1
Recycling services are satisfactory	52.1
Public safety is not a problem	72.5
Air pollution is not a problem	34.0
Medical services provision is satisfactory	52.0
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	24.7

Mobility

Traffic congestion is not a problem	23.1
Public transport is satisfactory	47.2

Activities

Green spaces are satisfactory	66.0
Cultural activities (shows, bars, and museums) are satisfactory	76.8

Opportunities (Work & School)

Employment finding services are readily available	64.0
Most children have access to a good school	75.9
Lifelong learning opportunities are provided by local institutions	59.3
Businesses are creating new jobs	59.7
Minorities feel welcome	56.0

Governance

Information on local government decisions are easily accessible	55.2
Corruption of city officials is not an issue of concern	31.4
Residents contribute to decision making of local government	35.4
Residents provide feedback on local government projects	47.3

TECHNOLOGIES

Factor average: 51.9

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	42.0
A website or App allows residents to easily give away unwanted items	50.0
Free public wifi has improved access to city services	58.7
CCTV cameras has made residents feel safer	46.5
A website or App allows residents to effectively monitor air pollution	51.8
Arranging medical appointments online has improved access	54.9

Mobility

Car-sharing Apps have reduced congestion	38.3
Apps that direct you to an available parking space have reduced journey time	36.7
Bicycle hiring has reduced congestion	51.8
Online scheduling and ticket sales has made public transport easier to use	62.2
The city provides information on traffic congestion through mobile phones	54.0

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	79.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	71.2
IT skills are taught well in schools	54.3
Online services provided by the city has made it easier to start a new business	52.8
The current internet speed and reliability meet connectivity needs	71.5

Governance

Online public access to city finances has reduced corruption	37.3
Online voting has increased participation	31.0
An online platform where residents can propose ideas has improved city life	35.0
Processing Identification Documents online has reduced waiting times	57.8

Zaragoza

SMART CITY RANKING

63

out of 148

52 in 2025
out of 146

SMART CITY RATING

BB

BBB in 2025

FACTOR RATINGS

BBB

STRUCTURES

B

TECHNOLOGIES

Ratings range from AAA to D

GROUP

2

out of 4

BACKGROUND INFORMATION

City

Population

679,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.915*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

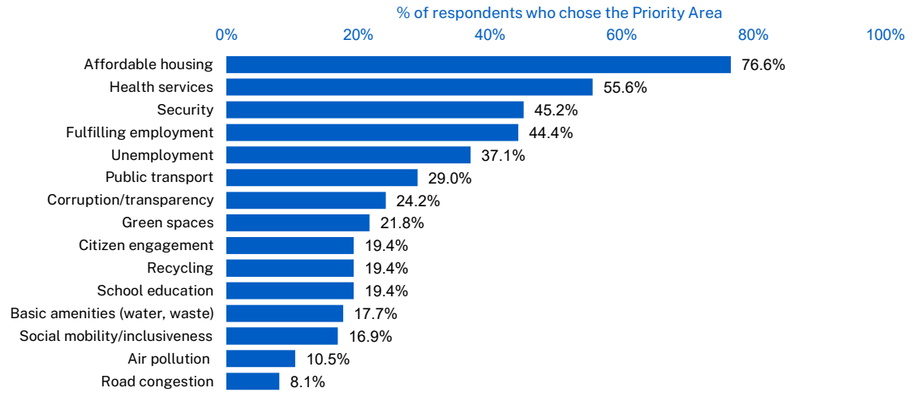
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

Spain	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.910	0.901	0.912	0.911	0.918	+0.007
Life expectancy at birth	83.5	82.2	83.0	82.4	83.7	+1.30
Expected years of schooling	17.5	17.5	17.8	17.8	17.8	+0.00
Mean years of schooling	10.4	10.6	10.8	10.8	10.8	+0.00
GNI per capita (PPP $)	46,306	41,220	43,960	44,887	46,008	+1,121

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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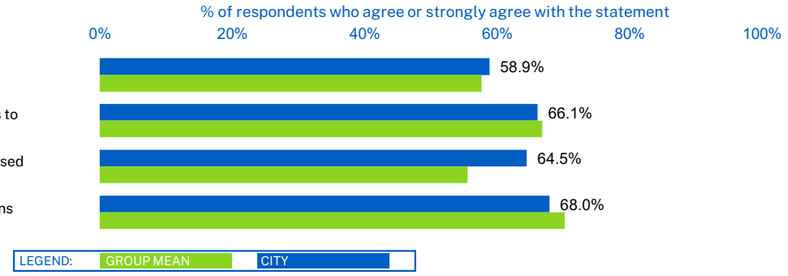


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 61.2

Score (0 20 40 60 80 100)

Health & Safety

Basic sanitation meets the needs of the poorest areas	67.3
Recycling services are satisfactory	68.5
Public safety is not a problem	58.9
Air pollution is not a problem	56.4
Medical services provision is satisfactory	55.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	27.2

Mobility

Traffic congestion is not a problem	53.1
Public transport is satisfactory	67.9

Activities

Green spaces are satisfactory	74.9
Cultural activities (shows, bars, and museums) are satisfactory	75.5

Opportunities (Work & School)

Employment finding services are readily available	73.9
Most children have access to a good school	72.5
Lifelong learning opportunities are provided by local institutions	76.1
Businesses are creating new jobs	59.5
Minorities feel welcome	66.2

Governance

Information on local government decisions are easily accessible	61.3
Corruption of city officials is not an issue of concern	51.1
Residents contribute to decision making of local government	47.4
Residents provide feedback on local government projects	50.4

TECHNOLOGIES

Factor average: 57.7

Score (0 20 40 60 80 100)

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	55.1
A website or App allows residents to easily give away unwanted items	58.7
Free public wifi has improved access to city services	46.6
CCTV cameras has made residents feel safer	53.7
A website or App allows residents to effectively monitor air pollution	52.3
Arranging medical appointments online has improved access	65.2

Mobility

Car-sharing Apps have reduced congestion	47.6
Apps that direct you to an available parking space have reduced journey time	44.9
Bicycle hiring has reduced congestion	62.6
Online scheduling and ticket sales has made public transport easier to use	65.9
The city provides information on traffic congestion through mobile phones	53.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	80.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	65.4
IT skills are taught well in schools	59.4
Online services provided by the city has made it easier to start a new business	55.2
The current internet speed and reliability meet connectivity needs	76.9

Governance

Online public access to city finances has reduced corruption	46.0
Online voting has increased participation	49.8
An online platform where residents can propose ideas has improved city life	50.8
Processing Identification Documents online has reduced waiting times	62.6

Zhuhai

SMART CITY RANKING

40

out of 148

not in 2025

SMART CITY RATING

CCC

not in 2025

FACTOR RATINGS

CCC

STRUCTURES

CCC

TECHNOLOGIES

Ratings range from AAA to D

GROUP

4

out of 4

BACKGROUND INFORMATION

City

Population

2,440,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.813*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

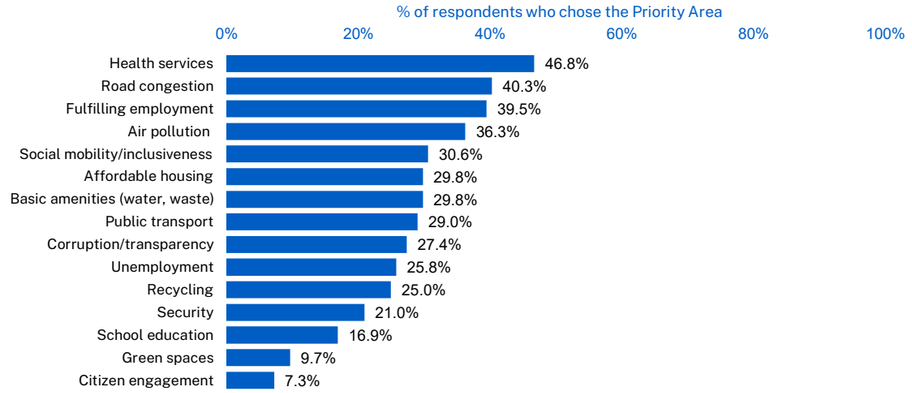
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

#	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.781	0.786	0.794	0.796	0.797	+0.001
Life expectancy at birth	77.9	78.0	78.1	78.2	78.0	-0.25
Expected years of schooling	15.0	15.2	15.5	15.5	15.5	+0.00
Mean years of schooling	7.9	7.9	8.0	8.0	8.0	+0.00
GNI per capita (PPP $)	18,414	18,683	20,265	20,889	22,029	+1,140

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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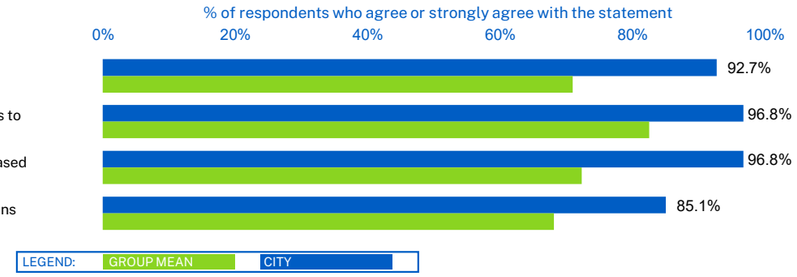


LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 81.6

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	88.0
Recycling services are satisfactory	84.3
Public safety is not a problem	76.5
Air pollution is not a problem	71.6
Medical services provision is satisfactory	86.5
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	82.3

Mobility

Traffic congestion is not a problem	68.0
Public transport is satisfactory	79.5

Activities

Green spaces are satisfactory	87.9
Cultural activities (shows, bars, and museums) are satisfactory	85.9

Opportunities (Work & School)

Employment finding services are readily available	87.9
Most children have access to a good school	80.8
Lifelong learning opportunities are provided by local institutions	79.4
Businesses are creating new jobs	83.0
Minorities feel welcome	85.1

Governance

Information on local government decisions are easily accessible	87.4
Corruption of city officials is not an issue of concern	72.6
Residents contribute to decision making of local government	79.4
Residents provide feedback on local government projects	84.5

TECHNOLOGIES

Factor average: 85.8

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	85.9
A website or App allows residents to easily give away unwanted items	84.6
Free public wifi has improved access to city services	84.1
CCTV cameras has made residents feel safer	85.2
A website or App allows residents to effectively monitor air pollution	84.1
Arranging medical appointments online has improved access	88.9

Mobility

Car-sharing Apps have reduced congestion	81.9
Apps that direct you to an available parking space have reduced journey time	83.6
Bicycle hiring has reduced congestion	84.1
Online scheduling and ticket sales has made public transport easier to use	85.6
The city provides information on traffic congestion through mobile phones	89.9

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	87.7

Opportunities (Work & School)

Online access to job listings has made it easier to find work	85.9
IT skills are taught well in schools	86.6
Online services provided by the city has made it easier to start a new business	85.6
The current internet speed and reliability meet connectivity needs	88.8

Governance

Online public access to city finances has reduced corruption	86.9
Online voting has increased participation	79.8
An online platform where residents can propose ideas has improved city life	85.7
Processing Identification Documents online has reduced waiting times	91.2

Zurich

SMART CITY RANKING

1

out of 148

1 in 2025
out of 146

SMART CITY RATING

AAA

AAA in 2025

FACTOR RATINGS

AAA

STRUCTURES

AA

TECHNOLOGIES

Ratings range from AAA to D

GROUP

1

out of 4

BACKGROUND INFORMATION

City

Population

433,000

Source: multiple (average)

Sub-national Human Development Index

SHDI: *0.994*

Source: Global Data Lab

Please note: The SHDI result is used to determine a city's Group (1-4)

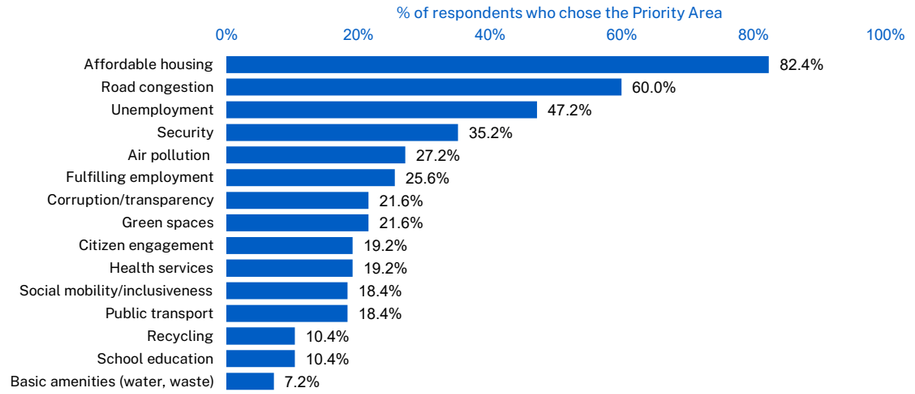
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

Country

#	2019	2020	2021	2022	2023	1 yr +/-
HDI	0.965	0.963	0.968	0.966	0.970	+0.004
Life expectancy at birth	83.8	83.1	83.6	83.2	84.0	+0.75
Expected years of schooling	16.3	16.4	16.6	16.7	16.7	+0.00
Mean years of schooling	13.9	13.9	13.9	13.9	13.9	+0.00
GNI per capita (PPP $)	78,234	74,518	80,308	82,400	81,949	-451

PRIORITY AREAS

From a list of 15 indicators, survey respondents were asked to select five that they perceived as the most urgent for their city. The higher the percentage of responses per indicator, the greater the priority for the respondents.



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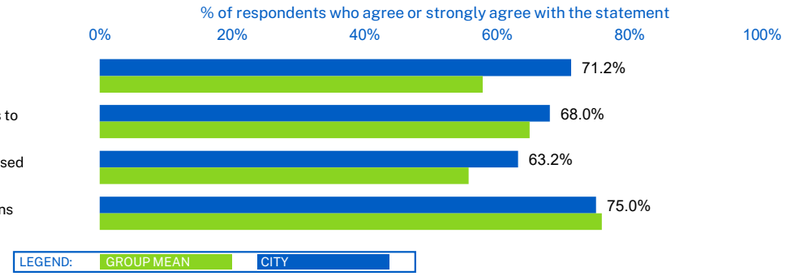

LEGEND: MIN CITY MEAN GROUP MAX

STRUCTURES

Factor average: 72.5

Score 0 20 40 60 80 100

Health & Safety

Basic sanitation meets the needs of the poorest areas	84.5
Recycling services are satisfactory	86.3
Public safety is not a problem	73.1
Air pollution is not a problem	67.7
Medical services provision is satisfactory	86.2
Finding housing with rent equal to 30% or less of a monthly salary is not a problem	33.9

Mobility

Traffic congestion is not a problem	41.2
Public transport is satisfactory	80.3

Activities

Green spaces are satisfactory	76.5
Cultural activities (shows, bars, and museums) are satisfactory	84.7

Opportunities (Work & School)

Employment finding services are readily available	72.4
Most children have access to a good school	82.8
Lifelong learning opportunities are provided by local institutions	75.6
Businesses are creating new jobs	70.1
Minorities feel welcome	65.7

Governance

Information on local government decisions are easily accessible	75.6
Corruption of city officials is not an issue of concern	69.2
Residents contribute to decision making of local government	77.2
Residents provide feedback on local government projects	73.7

TECHNOLOGIES

Factor average: 62.1

Score 0 20 40 60 80 100

Health & Safety

Online reporting of city maintenance problems provides a speedy solution	60.8
A website or App allows residents to easily give away unwanted items	62.8
Free public wifi has improved access to city services	57.0
CCTV cameras has made residents feel safer	54.2
A website or App allows residents to effectively monitor air pollution	52.5
Arranging medical appointments online has improved access	65.6

Mobility

Car-sharing Apps have reduced congestion	46.3
Apps that direct you to an available parking space have reduced journey time	50.9
Bicycle hiring has reduced congestion	53.9
Online scheduling and ticket sales has made public transport easier to use	79.6
The city provides information on traffic congestion through mobile phones	61.2

Activities

Online purchasing of tickets to shows and museums has made it easier to attend	83.2

Opportunities (Work & School)

Online access to job listings has made it easier to find work	75.6
IT skills are taught well in schools	64.0
Online services provided by the city has made it easier to start a new business	60.7
The current internet speed and reliability meet connectivity needs	79.2

Governance

Online public access to city finances has reduced corruption	51.7
Online voting has increased participation	56.7
An online platform where residents can propose ideas has improved city life	57.7
Processing Identification Documents online has reduced waiting times	67.8

IMD Smart City Index 2026

Annex

IMD Smart City Index 2026: Results

In Alphabetical order by city and 2025 comparison

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Abu Dhabi	10	A	A	A	5	▼5
Abuja	131	C	C	C	133	▲2
Accra	142	D	D	D	141	▼1
Al Khobar	64	B	BB	B	61	▼3
Algiers	128	C	C	D	128	—
AlUla	85	CCC	B	CCC	112	▲27
Amman	130	C	D	C	127	▼3
Amsterdam	17	A	A	A	17	—
Ankara	109	CC	CCC	CC	98	▼11
Astana	104	CCC	B	CCC	102	▼2
Athens	139	CCC	CCC	CCC	129	▼10
Auckland	23	BBB	BBB	BBB	25	▲2
Bangkok	90	B	CCC	B	86	▼4
Barcelona	94	B	B	B	92	▼2
Beijing	16	BB	BB	BB	14	▼2
Beirut	145	D	D	D	143	▼2
Belfast	93	CC	CCC	CC	94	▲1
Bengaluru	115	CC	CC	CC	110	▼5
Berlin	29	BBB	BBB	BBB	37	▲8
Bilbao	30	BB	BBB	BB	29	▼1
Birmingham	89	B	BB	B	80	▼9
Bogota	135	D	D	D	134	▼1
Bologna	82	B	BB	B	83	▲1
Bordeaux	96	CC	CCC	CC	77	▼19
Boston	35	BBB	BBB	BBB	35	—

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Brasilia	133	D	C	D	130	▼3
Bratislava	38	BBB	BBB	A	57	▲19
Brisbane	57	BB	BBB	B	51	▼6
Brussels	59	BB	BB	BBB	48	▼11
Bucharest	75	BB	B	BB	78	▲3
Budapest	79	B	B	B	84	▲5
Buenos Aires	134	C	CC	C	131	▼3
Busan	69	BB	BB	BB	60	▼9
Cairo	125	C	C	C	117	▼8
Canberra	8	A	AA	BBB	8	—
Cape Town	127	C	C	C	124	▼3
Cardiff	84	CCC	B	CC	89	▲5
Chengdu	87	CCC	CCC	CCC	76	▼11
Chicago	81	B	BB	B	79	▼2
Chongqing	74	CCC	CCC	CCC	69	▼5
Copenhagen	5	AA	AAA	A	7	▲2
Delhi	110	CC	CC	CC	104	▼6
Denver	78	BB	BB	BB	68	▼10
Doha	34	BB	BB	BB	33	▼1
Dubai	6	A	A	A	4	▼2
Dublin	49	BB	BB	BBB	66	▲17
Dusseldorf	43	BBB	A	BBB	45	▲2
Geneva	3	AA	AAA	A	3	—
Glasgow	91	B	BB	CCC	95	▲4
Gothenburg	44	BBB	BBB	BBB	40	▼4

IMD Smart City Index 2026: Results

In Alphabetical order by city and 2025 comparison

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Guangzhou	51	CCC	CCC	CCC	55	▲4
Guatemala City	147	D	D	D	144	▼3
Hafar Al Batin	100	CCC	CCC	CCC		NEW
Hail	33	BB	BB	B		NEW
Hamburg	15	BBB	A	BBB	20	▲5
Hangzhou	62	CCC	CCC	CCC	54	▼8
Hanoi	97	CC	CC	CC	88	▼9
Hanover	66	BB	BBB	CCC	59	▼7
Helsinki	11	AA	AA	A	11	—
Ho Chi Minh City	105	CC	CC	CC	101	▼4
Hong Kong	21	A	BBB	AA	19	▼2
Hyderabad	114	CC	CC	CC	109	▼5
Islamabad	119	CC	CC	CC	116	▼3
Istanbul	116	CC	CC	CC	111	▼5
Jakarta	106	CC	CC	CC	103	▼3
Jeddah	55	B	B	B	47	▼8
Kiel	88	B	BB	CCC	74	▼14
Krakow	70	CCC	B	CCC	70	—
Kuala Lumpur	65	B	BB	B	65	—
Kuwait City	95	CCC	B	CCC	90	▼5
Lagos	138	D	D	D	135	▼3
Lausanne	7	A	AA	A	10	▲3
Leeds	76	BB	BB	B	72	▼4
Lille	107	CC	CCC	CC	93	▼14
Lima	144	C	C	C	138	▼6

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Lisbon	117	C	CC	CC	115	▼2
Ljubljana	18	BBB	BBB	A	16	▼2
London	4	A	BBB	AA	6	▲2
Los Angeles	73	B	BB	B	91	▲18
Luxembourg	42	BB	BBB	B	31	▼11
Lyon	92	B	B	B	73	▼19
Madrid	37	A	BBB	AA	38	▲1
Makassar	112	CC	CC	CC	114	▲2
Manama	53	B	B	B	36	▼17
Manchester	46	BB	BBB	B	64	▲18
Manila	132	C	D	C	125	▼7
Marseille	111	B	B	B	107	▼4
Mecca	50	B	B	B	39	▼11
Medan	118	CC	CC	CC	113	▼5
Medellin	121	C	C	C	118	▼3
Medina	67	B	B	B	67	—
Melbourne	60	BBB	BBB	BBB	44	▼16
Mexico City	123	CC	CC	CC	119	▼4
Milan	101	B	B	B	97	▼4
Montreal	86	B	BB	B	81	▼5
Mumbai	113	CC	CC	CC	106	▼7
Munich	19	A	A	A	24	▲5
Muscat	103	CCC	B	CCC	87	▼16
Nairobi	136	C	D	C	136	—
Nanjing	56	BB	BB	BB	58	▲2

IMD Smart City Index 2026: Results

In Alphabetical order by city and 2025 comparison

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
New York	45	BB	BB	BB	49	▲4
Newcastle	77	CCC	B	CC	75	▼2
Nicosia	122	C	CC	C	122	—
Osaka	102	B	BB	CCC	99	▼3
Oslo	2	AA	AAA	A	2	—
Ottawa	61	BBB	A	BBB	42	▼19
Paris	71	BB	BB	BBB	71	—
Philadelphia	99	B	B	B	100	▲1
Phoenix	108	CC	CCC	C	105	▼3
Prague	13	A	A	AA	12	▼1
Rabat	124	C	C	C	123	▼1
Riga	47	BB	BB	B	46	▼1
Rio de Janeiro	148	D	D	D	146	▼2
Riyadh	24	BB	BB	BB	27	▲3
Rome	143	CCC	CCC	CCC	139	▼4
Rotterdam	52	BBB	BBB	BBB	41	▼11
San Francisco	72	B	BB	B	82	▲10
San Jose	129	C	CC	C	126	▼3
San Juan	137	C	CC	C	132	▼5
San Salvador	141	D	D	D		NEW
Santiago	120	CC	CC	CC	120	—
Sao Paulo	140	D	D	D	137	▼3
Seattle	41	BBB	BBB	BBB	56	▲15
Seoul	12	A	BBB	AAA	13	▲1

City	Smart City Rank 2026	Smart City Rating 2026	Structures 2026	Technologies 2026	Smart City Rank 2025	Change
Shanghai	20	BB	BB	BB	15	▼5
Shenzhen	68	CCC	CCC	CCC	50	▼18
Singapore	9	AAA	AAA	AAA	9	—
Sofia	126	CC	CC	CC	121	▼5
Stockholm	14	BBB	A	BBB	18	▲4
Sydney	22	A	A	AA	32	▲10
Taipei City	25	BBB	BBB	BBB	23	▼2
Tallinn	26	BB	BBB	BB	22	▼4
Tel Aviv	83	BB	BB	B	96	▲13
The Hague	54	BBB	BBB	BBB	43	▼11
Tianjin	36	BB	BB	BB		NEW
Tokyo	98	BB	BBB	BB	108	▲10
Toronto	48	BBB	BBB	A	63	▲15
Tunis	146	D	D	D	142	▼4
Vancouver	58	BBB	BBB	BBB	53	▼5
Vienna	28	A	AA	A	26	▼2
Vilnius	32	BBB	BBB	BB	34	▲2
Warsaw	31	BB	BBB	BB	28	▼3
Washington D.C.	39	BBB	BBB	A	62	▲23
Wellington	27	BBB	A	BB	30	▲3
Zagreb	80	B	BB	B	85	▲5
Zaragoza	63	BB	BBB	B	52	▼11
Zhuhai	40	CCC	CCC	CCC		NEW
Zurich	1	AAA	AAA	AA	1	—

IMD Smart City Index 2026: Results

In alphabetical order by country

Country	Country HDI	City	City HDI	Smart City Rank 2026
United Arab Emirates	0.940	Abu Dhabi	0.937	10
Nigeria	0.560	Abuja	0.678	131
Ghana	0.628	Accra	0.670	142
Saudi Arabia	0.900	Al Khobar	0.862	64
Algeria	0.763	Algiers	0.766	128
Saudi Arabia	0.900	AlUla	0.871	85
Jordan	0.754	Amman	0.753	130
Netherlands	0.955	Amsterdam	0.964	17
Türkiye	0.853	Ankara	0.871	109
Kazakhstan	0.837	Astana	0.816	104
Greece	0.908	Athens	0.918	139
New Zealand	0.938	Auckland	0.968	23
Thailand	0.798	Bangkok	0.836	90
Spain	0.918	Barcelona	0.922	94
China	0.797	Beijing	0.905	16
Lebanon	0.752	Beirut	0.693	145
United Kingdom	0.946	Belfast	0.907	93
India	0.685	Bengaluru	0.673	115
Germany	0.959	Berlin	0.967	29
Spain	0.918	Bilbao	0.939	30
United Kingdom	0.946	Birmingham	0.925	89
Colombia	0.788	Bogota	0.804	135
Italy	0.915	Bologna	0.935	82
France	0.920	Bordeaux	0.907	96
USA	0.938	Boston	0.956	35

Country	Country HDI	City	City HDI	Smart City Rank 2026
Brazil	0.786	Brasilia	0.767	133
Slovakia	0.880	Bratislava	0.945	38
Australia	0.958	Brisbane	0.935	57
Belgium	0.951	Brussels	0.960	59
Romania	0.845	Bucharest	0.926	75
Hungary	0.870	Budapest	0.934	79
Argentina	0.865	Buenos Aires	0.851	134
Korea South	0.937	Busan	0.926	69
Egypt	0.754	Cairo	0.777	125
Australia	0.958	Canberra	0.976	8
South Africa	0.741	Cape Town	0.755	127
United Kingdom	0.946	Cardiff	0.910	84
China	0.797	Chengdu	0.762	87
USA	0.938	Chicago	0.932	81
China	0.797	Chongqing	0.795	74
Denmark	0.962	Copenhagen	0.970	5
India	0.685	Delhi	0.734	110
USA	0.938	Denver	0.952	78
Qatar	0.886	Doha	0.875	34
United Arab Emirates	0.940	Dubai	0.937	6
Ireland	0.949	Dublin	0.954	49
Germany	0.959	Dusseldorf	0.946	43
Switzerland	0.970	Geneva	0.973	3
United Kingdom	0.946	Glasgow	0.933	91
Sweden	0.959	Gothenburg	0.951	44

IMD Smart City Index 2026: Results

In alphabetical order by country

Country	Country HDI	City	City HDI	Smart City Rank 2026
China	0.797	Guangzhou	0.813	51
Guatemala	0.662	Guatemala City	0.723	147
Saudi Arabia	0.900	Hafar Al Batin	0.862	100
Saudi Arabia	0.900	Hail	0.889	33
Germany	0.959	Hamburg	0.975	15
China	0.797	Hangzhou	0.814	62
Vietnam	0.766	Hanoi	0.768	97
Germany	0.959	Hanover	0.936	66
Finland	0.948	Helsinki	0.961	11
Vietnam	0.766	Ho Chi Minh City	0.737	105
Hong Kong	0.955	Hong Kong	0.956	21
India	0.685	Hyderabad	0.660	114
Pakistan	0.544	Islamabad	0.654	119
Türkiye	0.853	Istanbul	0.888	116
Indonesia	0.728	Jakarta	0.767	106
Saudi Arabia	0.900	Jeddah	0.871	55
Germany	0.959	Kiel	0.929	88
Poland	0.906	Krakow	0.891	70
Malaysia	0.819	Kuala Lumpur	0.863	65
Kuwait	0.852	Kuwait City	0.856	95
Nigeria	0.560	Lagos	0.721	138
Switzerland	0.970	Lausanne	0.973	7
United Kingdom	0.946	Leeds	0.920	76
France	0.920	Lille	0.888	107
Peru	0.794	Lima	0.820	144

Country	Country HDI	City	City HDI	Smart City Rank 2026
Portugal	0.890	Lisbon	0.907	117
Slovenia	0.931	Ljubljana	0.970	18
United Kingdom	0.946	London	0.984	4
USA	0.938	Los Angeles	0.935	73
Luxembourg	0.922	Luxembourg	0.927	42
France	0.920	Lyon	0.923	92
Spain	0.918	Madrid	0.942	37
Indonesia	0.728	Makassar	0.707	112
Bahrain	0.899	Manama	0.888	53
United Kingdom	0.946	Manchester	0.927	46
Philippines	0.720	Manila	0.743	132
France	0.920	Marseille	0.912	111
Saudi Arabia	0.900	Mecca	0.871	50
Indonesia	0.728	Medan	0.719	118
Colombia	0.788	Medellin	0.763	121
Saudi Arabia	0.900	Medina	0.871	67
Australia	0.958	Melbourne	0.942	60
Mexico	0.789	Mexico City	0.839	123
Italy	0.915	Milan	0.927	101
Canada	0.939	Montreal	0.926	86
India	0.685	Mumbai	0.695	113
Germany	0.959	Munich	0.958	19
Oman	0.858	Muscat	0.819	103
Kenya	0.628	Nairobi	0.663	136
China	0.797	Nanjing	0.827	56

IMD Smart City Index 2026: Results

In alphabetical order by country

Country	Country HDI	City	City HDI	Smart City Rank 2026
USA	0.938	New York	0.937	45
United Kingdom	0.946	Newcastle	0.911	77
Cyprus	0.913	Nicosia	0.907	122
Japan	0.925	Osaka	0.922	102
Norway	0.970	Oslo	0.982	2
Canada	0.939	Ottawa	0.942	61
France	0.920	Paris	0.956	71
USA	0.938	Philadelphia	0.928	99
USA	0.938	Phoenix	0.906	108
Czech Rep.	0.915	Prague	0.965	13
Morocco	0.710	Rabat	0.717	124
Latvia	0.889	Riga	0.937	47
Brazil	0.786	Rio de Janeiro	0.789	148
Saudi Arabia	0.900	Riyadh	0.899	24
Italy	0.915	Rome	0.929	143
Netherlands	0.955	Rotterdam	0.946	52
USA	0.938	San Francisco	0.935	72
Costa Rica	0.833	San Jose	0.824	129
Puerto Rico	0.880	San Juan	0.879	137
El Salvador	0.678	San Salvador	0.711	141
Chile	0.878	Santiago	0.890	120
Brazil	0.786	Sao Paulo	0.786	140
USA	0.938	Seattle	0.952	41
Korea South	0.937	Seoul	0.961	12

Country	Country HDI	City	City HDI	Smart City Rank 2026
China	0.797	Shanghai	0.895	20
China	0.797	Shenzhen	0.813	68
Singapore	0.946	Singapore	0.949	9
Bulgaria	0.845	Sofia	0.856	126
Sweden	0.959	Stockholm	0.976	14
Australia	0.958	Sydney	0.946	22
Taiwan	0.934	Taipei City	0.925	25
Estonia	0.905	Tallinn	0.941	26
Israel	0.919	Tel Aviv	0.915	83
Netherlands	0.955	The Hague	0.946	54
China	0.797	Tianjin	0.858	36
Japan	0.925	Tokyo	0.946	98
Canada	0.939	Toronto	0.942	48
Tunisia	0.746	Tunis	0.777	146
Canada	0.939	Vancouver	0.946	58
Austria	0.930	Vienna	0.948	28
Lithuania	0.895	Vilnius	0.918	32
Poland	0.906	Warsaw	0.931	31
USA	0.938	Washington D.C.	0.947	39
New Zealand	0.938	Wellington	0.969	27
Croatia	0.889	Zagreb	0.938	80
Spain	0.918	Zaragoza	0.915	63
China	0.797	Zhuhai	0.813	40
Switzerland	0.970	Zurich	0.994	1

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