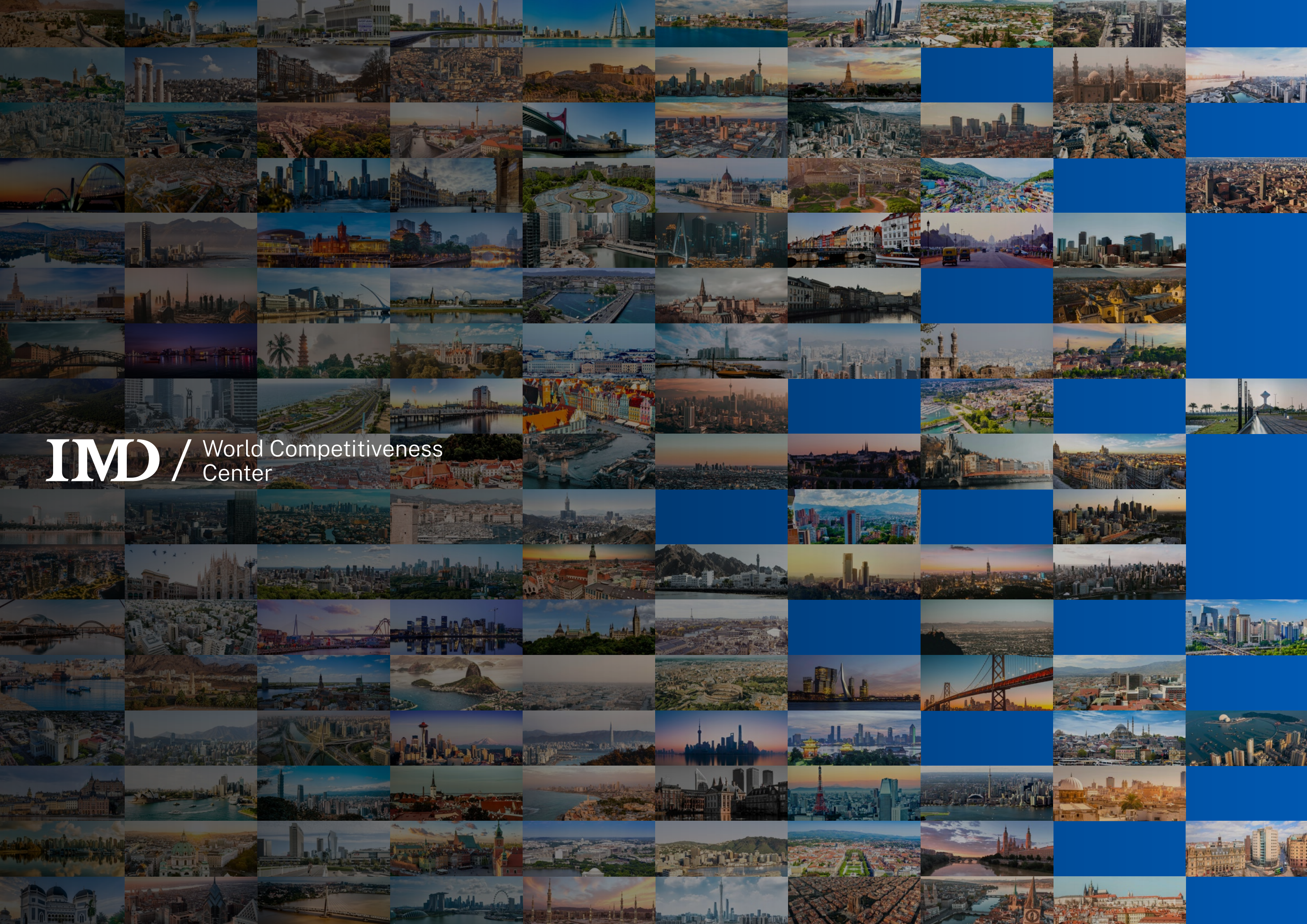


IMD Smart City Index 2026

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.

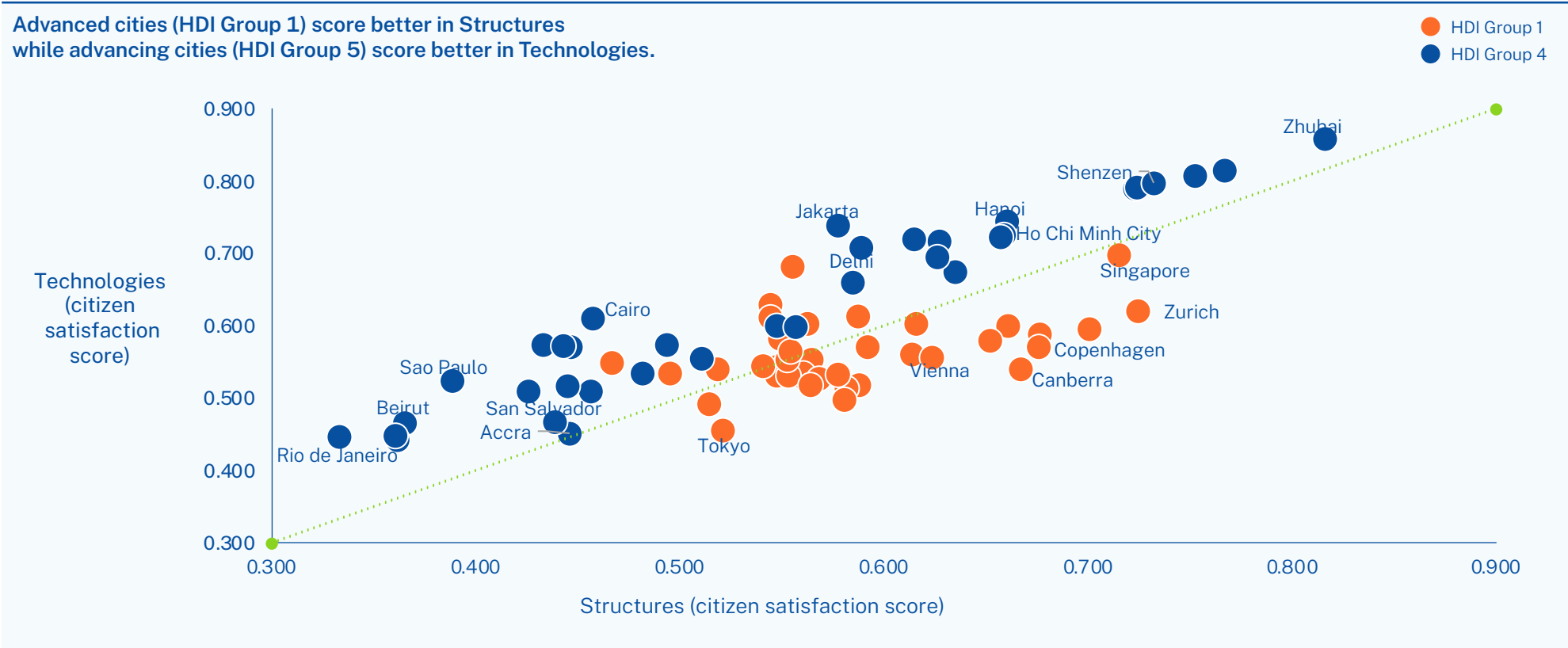
The SCI provides a unique perspective on this challenge by focusing on how residents experience their cities. Rather than measuring infrastructure in isolation, the SCI captures how citizens perceive the effectiveness of the services and systems around them, and in particular, whether technology helps 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.



“

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.

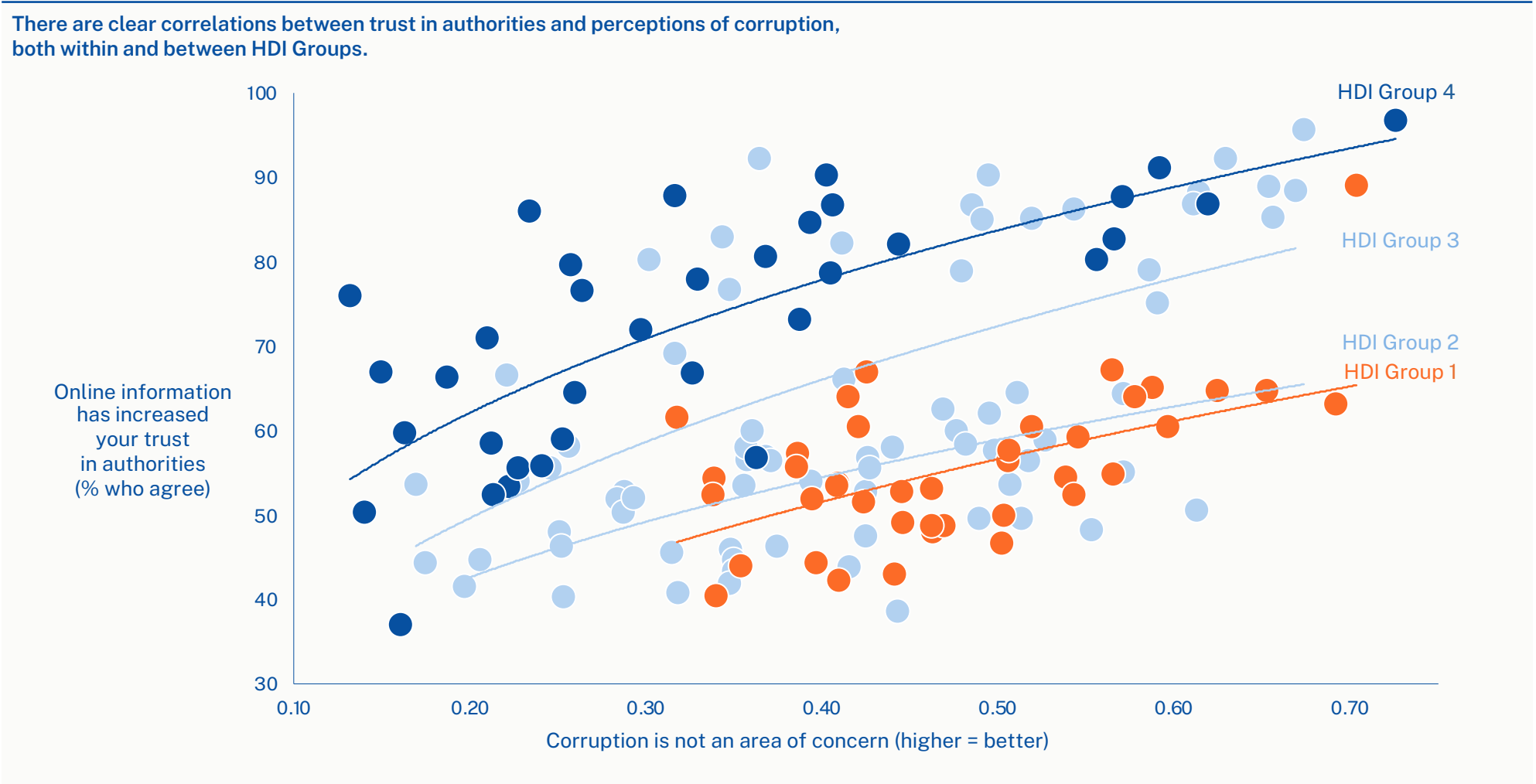
This cultural dimension has a measurable institutional echo. **Ljubljana** (18th), for example, achieves its strong position largely through structural quality despite recording one of the lowest online trust scores in the Top 30 (40.5%). This can be interpreted as a signal that residents engage with 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.



“

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)

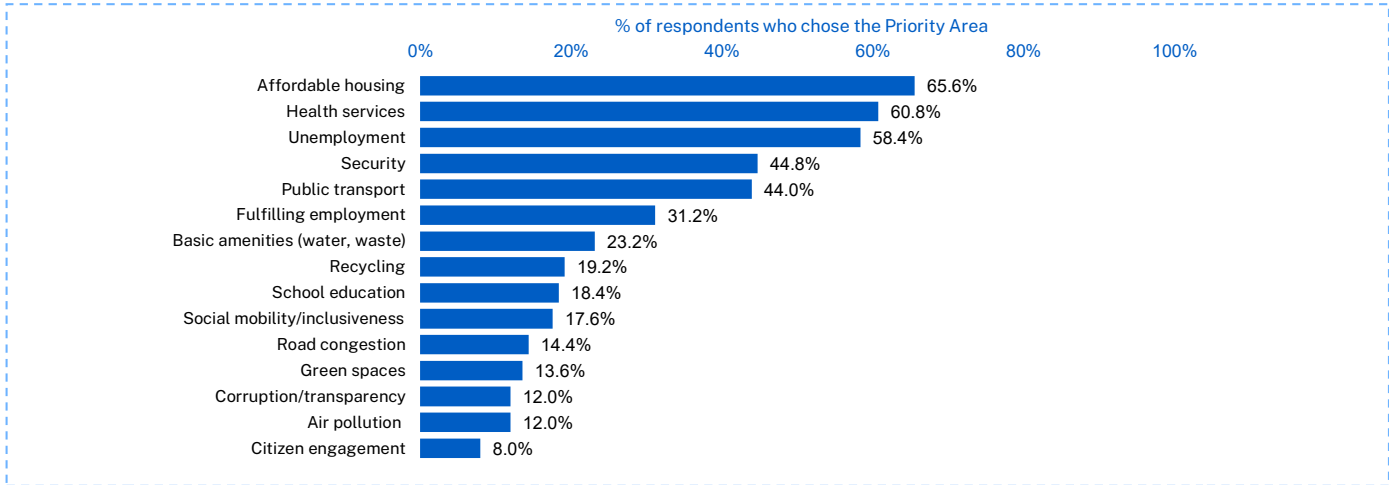
Sub-national Human Development Index
SHDI: 0.961
Source: Global Data Lab
Please note: The SHDI result is used to determine a city’s Group (1-4)



Country	2019	2020	2021	2022	2023	1 yr +/-
Finland						
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

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.



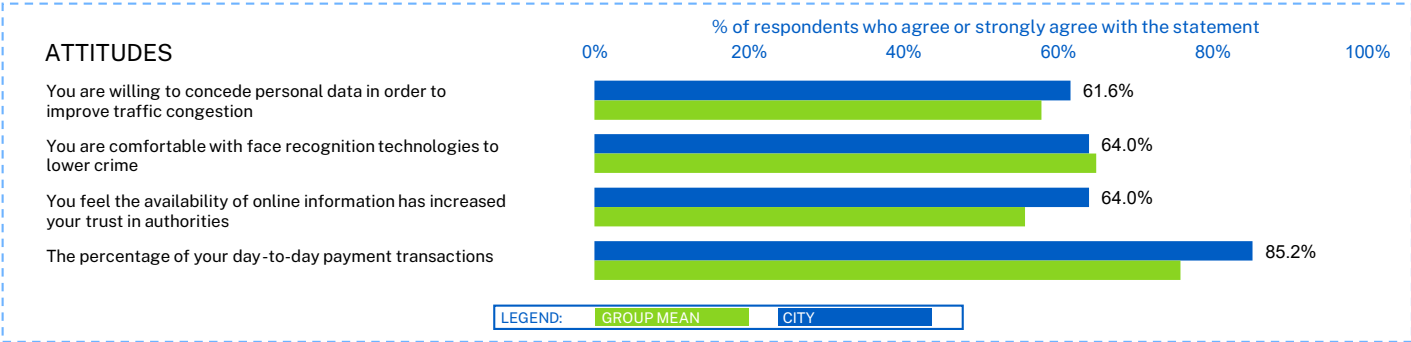
Background Information

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.

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.

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
Göteborg	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

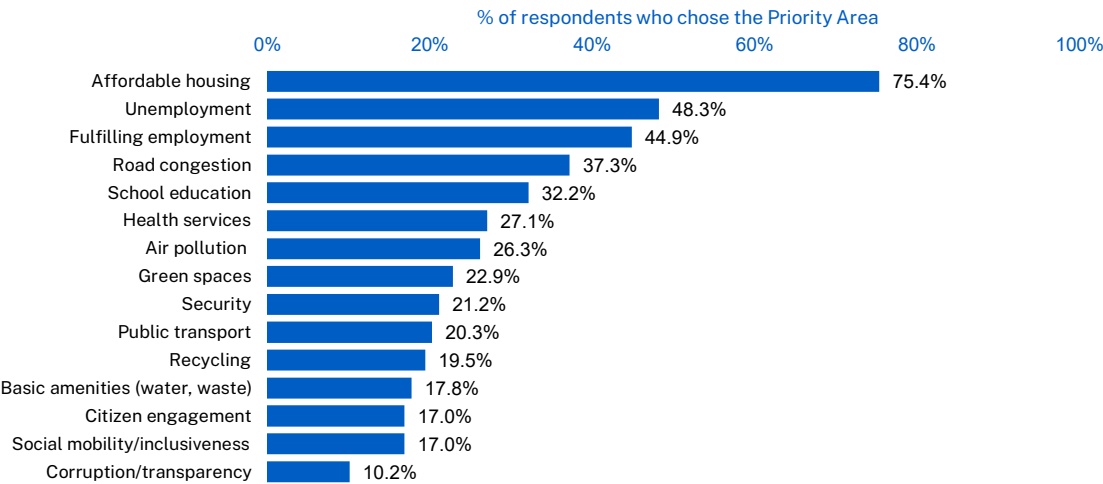
Country

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.



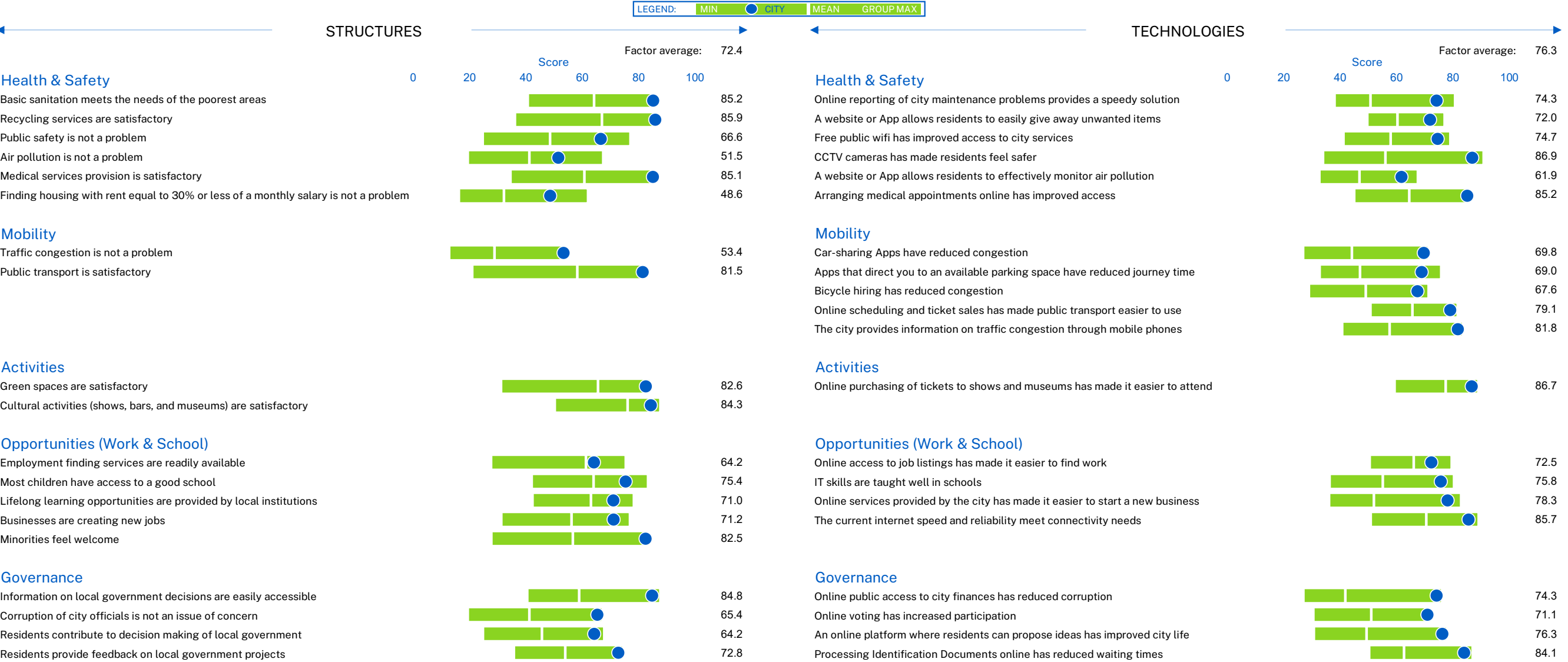
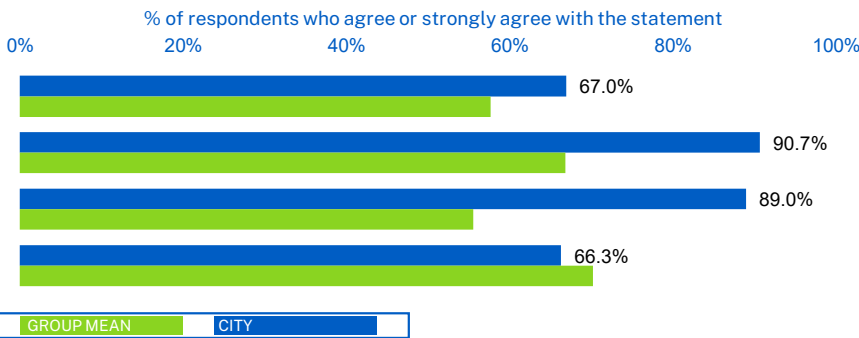
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

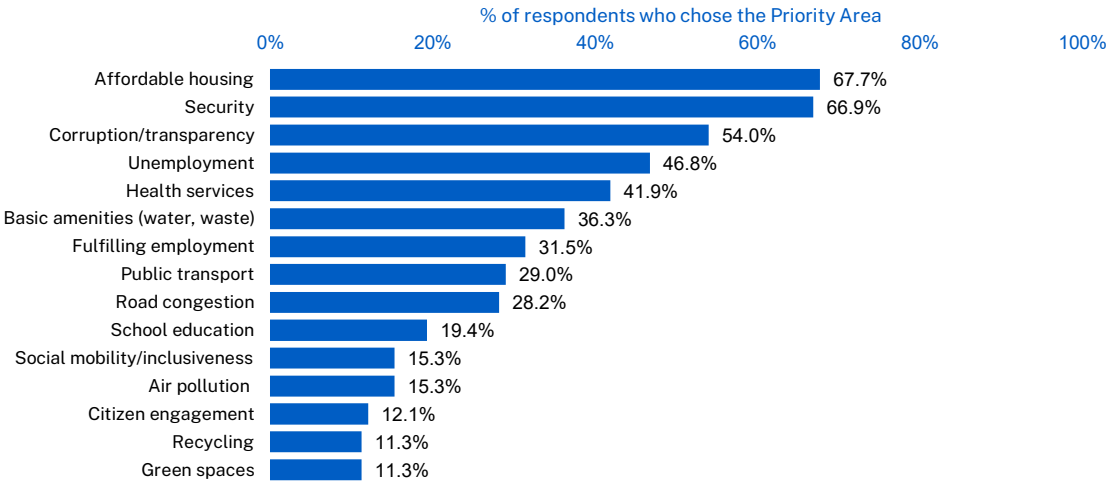
Country

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.



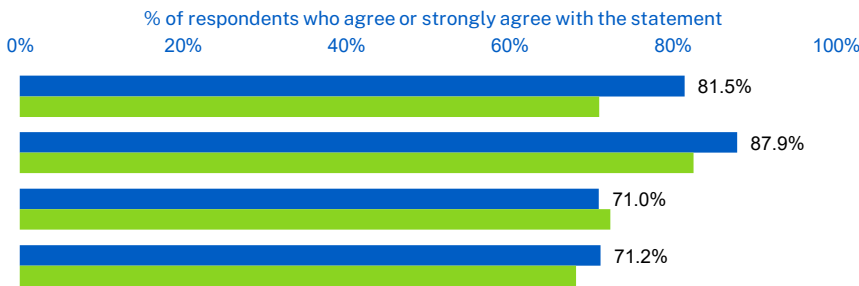
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

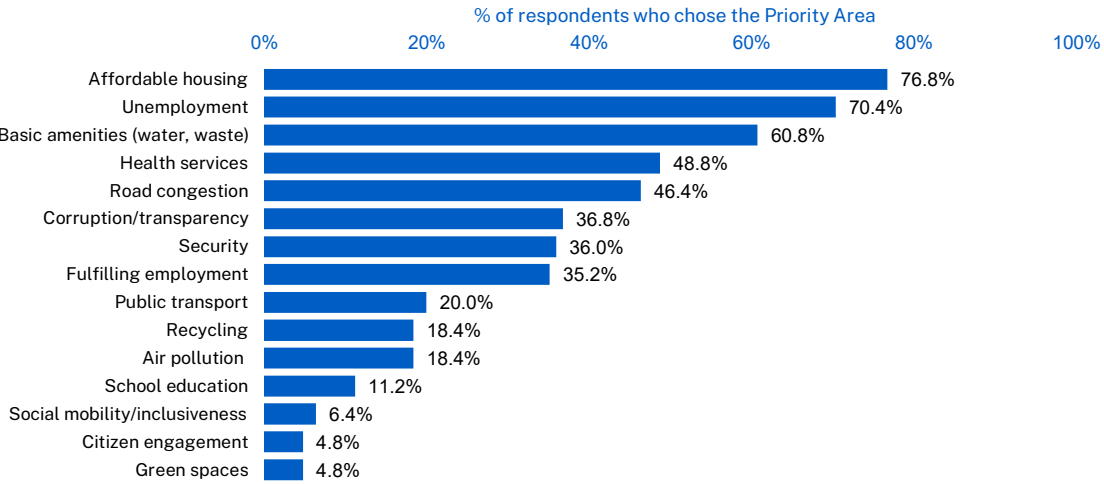
Country

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.



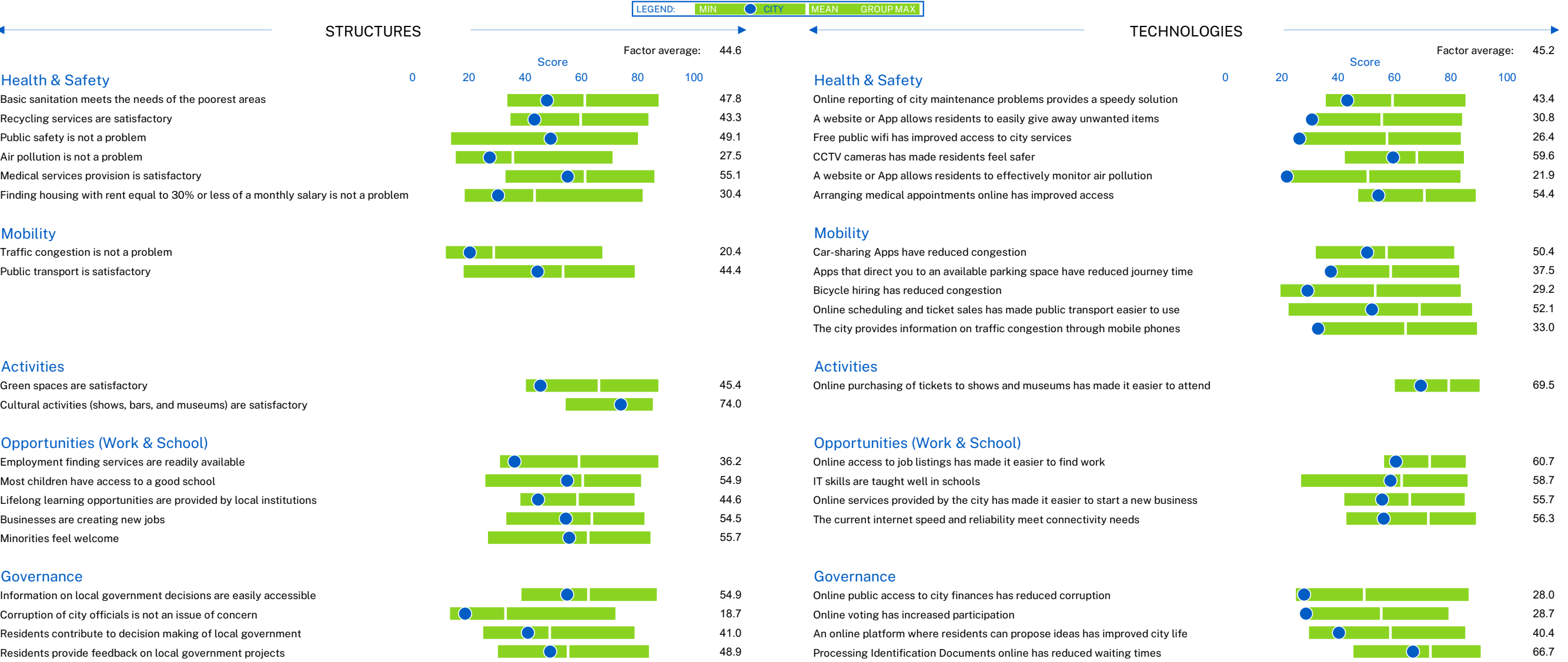
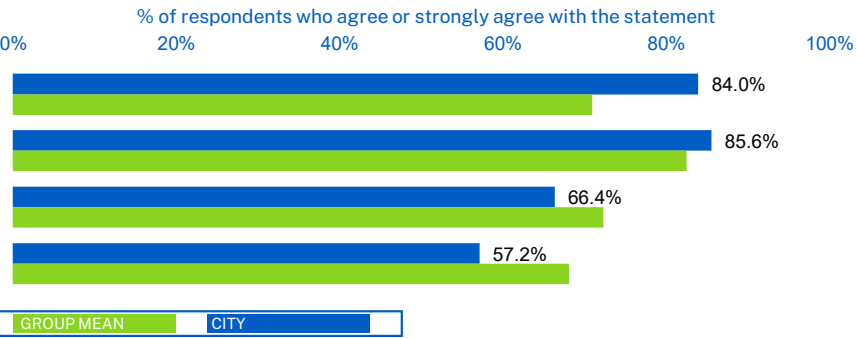
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

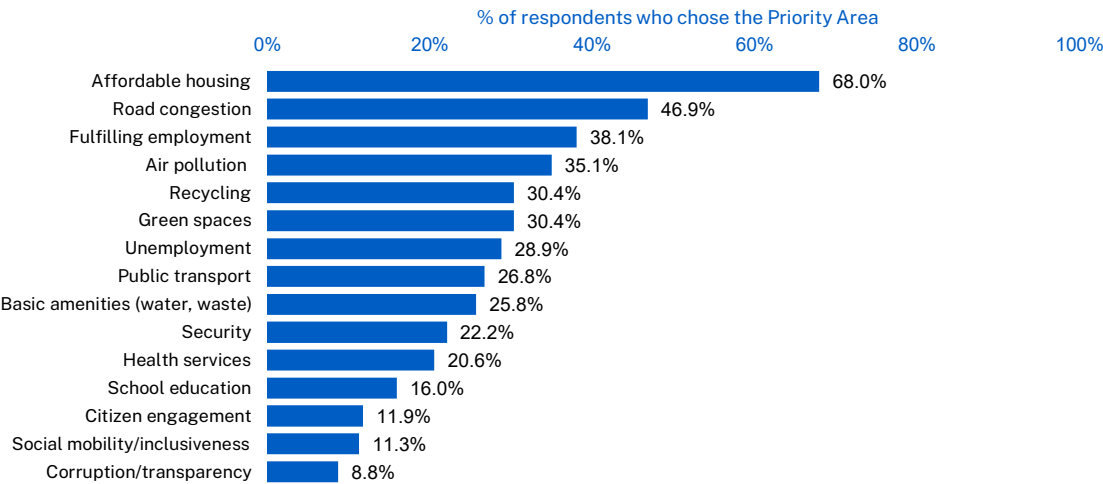
Country

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.



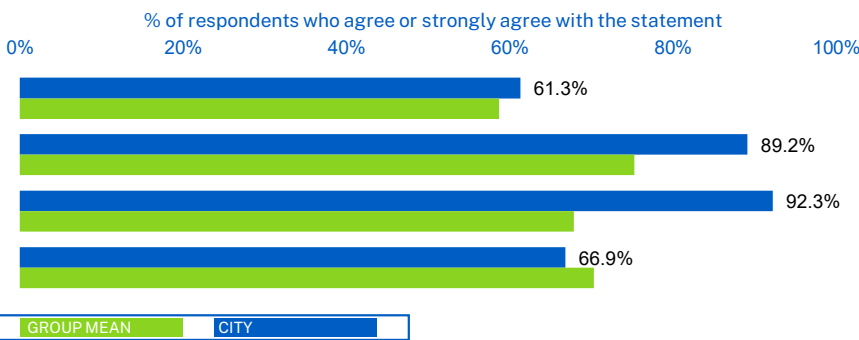
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 65.9

Score

0 20 40 60 80 100

79.9

70.1

55.5

36.1

83.8

54.5

38.1

64.5

71.8

76.8

57.6

78.6

72.5

64.4

76.1

81.4

62.9

61.4

66.1

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 71.4

Score

0 20 40 60 80 100

76.8

71.0

62.8

77.1

58.5

86.2

62.2

68.8

50.4

73.2

68.9

82.2

75.3

71.2

75.0

78.2

69.3

68.2

70.0

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

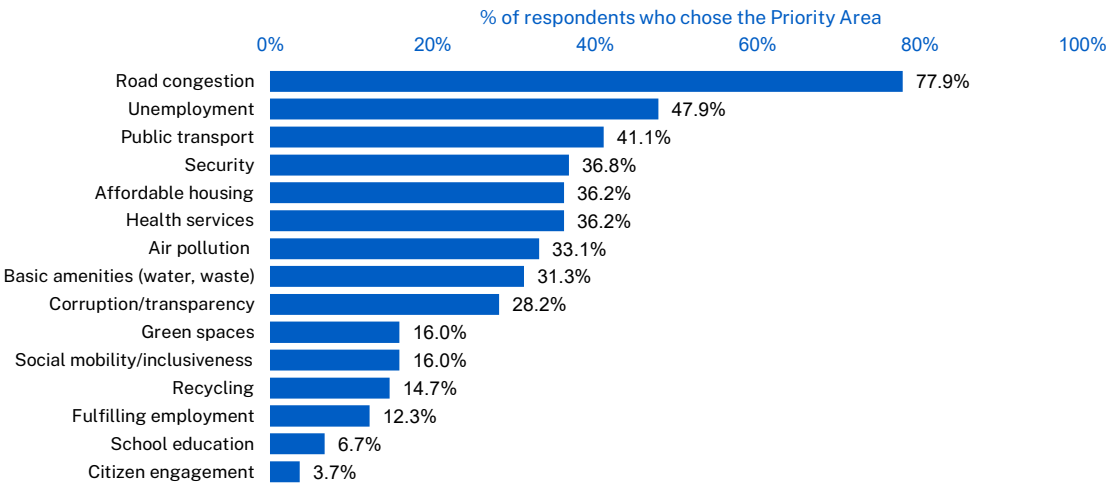
Country

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.



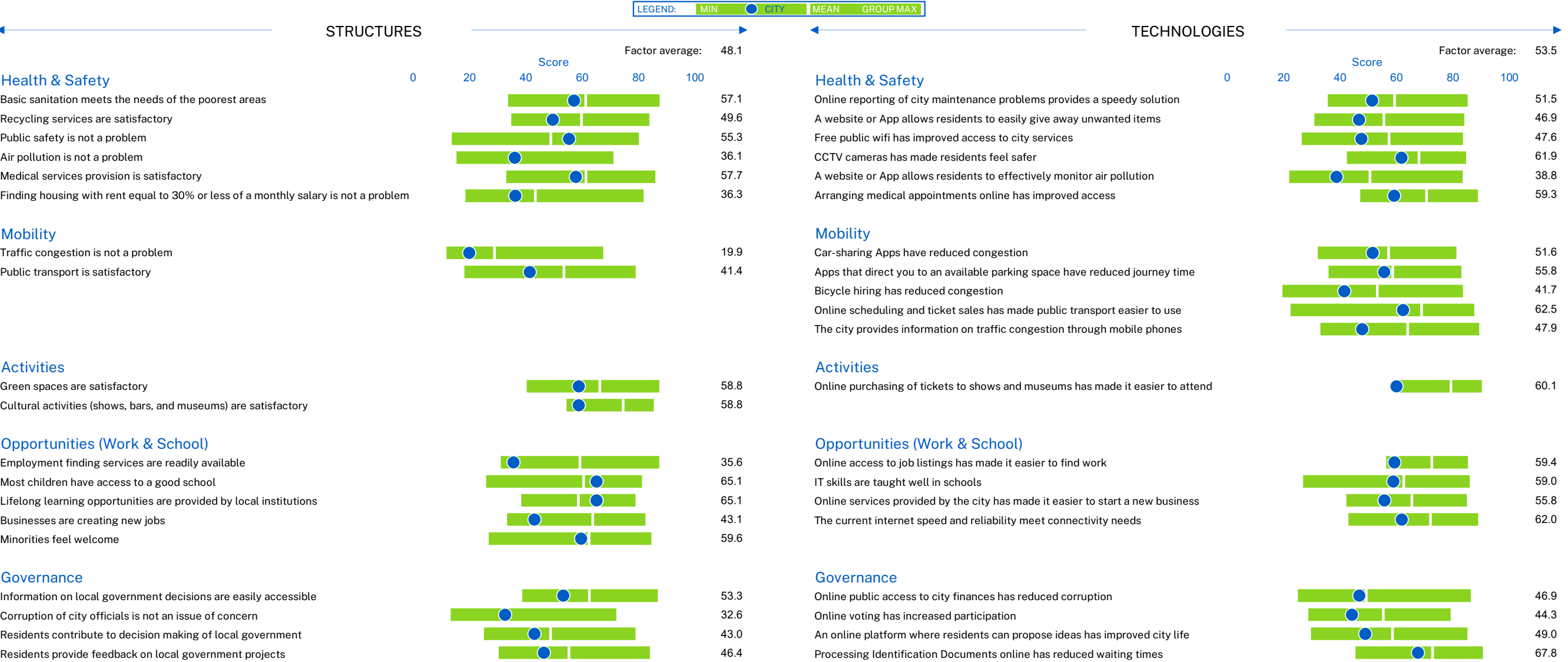
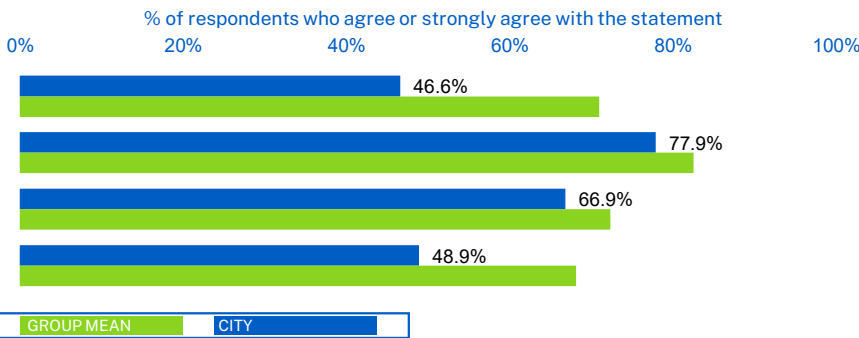
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

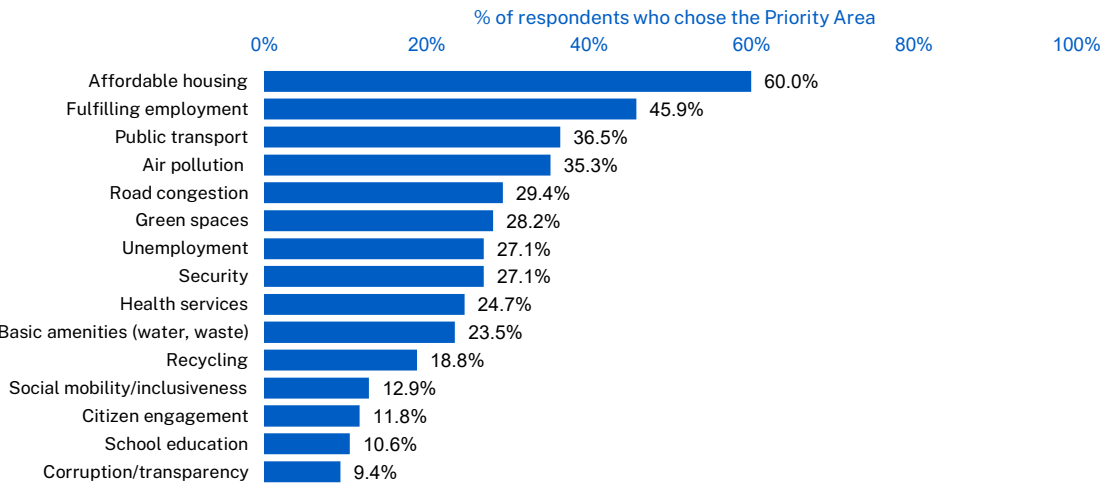
Country

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

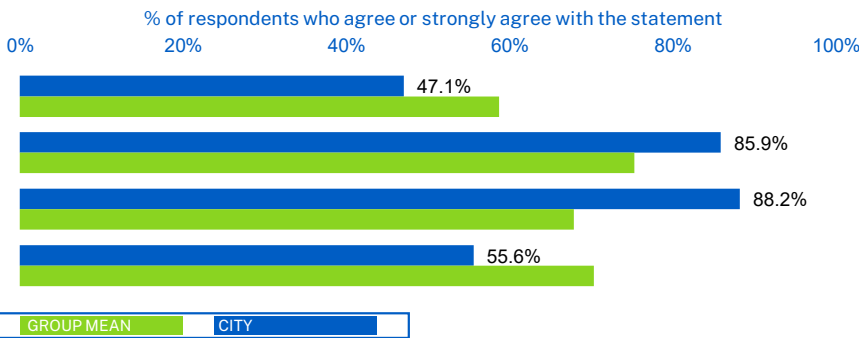
PRIORITY AREAS

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LEGEND: GROUP MEAN CITY



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

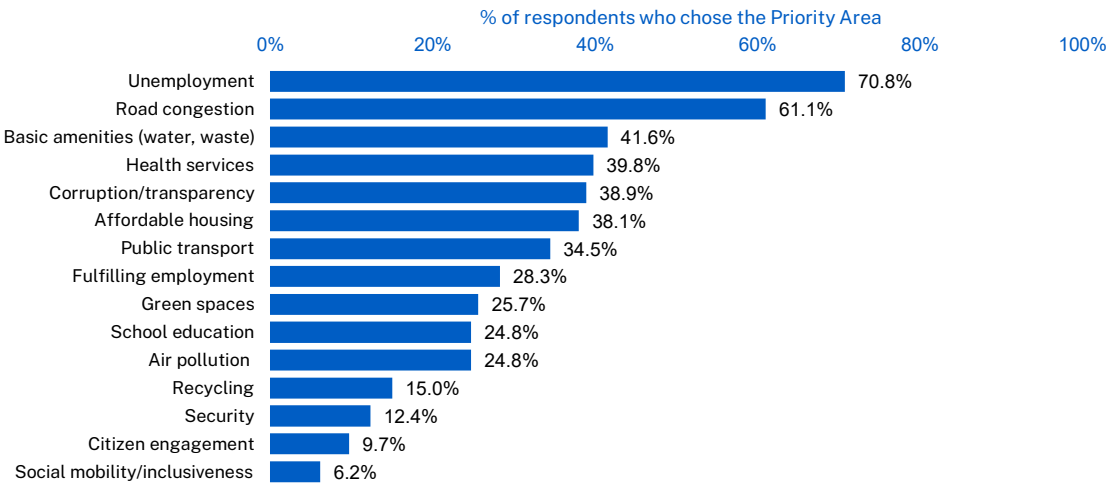
Country

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

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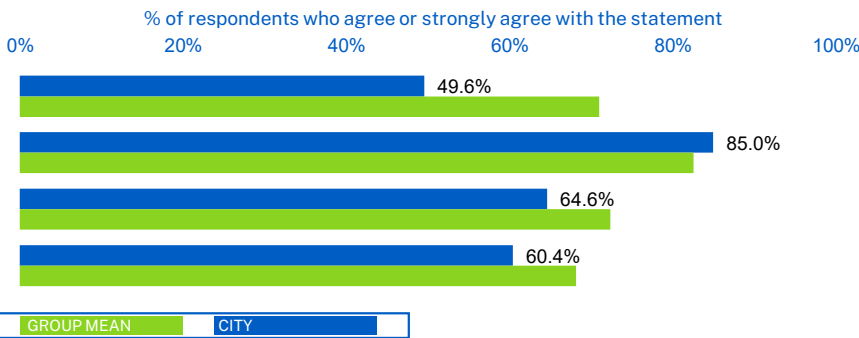
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STRUCTURES

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Businesses are creating new jobs

Minorities feel welcome

Governance

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Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 44.6

Score

0 20 40 60 80 100

63.5

50.0

44.9

29.0

63.9

32.2

17.0

49.7

42.4

60.5

34.5

50.2

46.1

39.8

63.1

61.8

26.0

34.9

38.1

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 57.1

Score

0 20 40 60 80 100

59.7

51.3

49.8

73.5

36.4

70.4

55.2

53.2

39.4

66.9

56.2

66.9

65.1

54.3

55.0

71.3

45.5

48.7

47.2

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

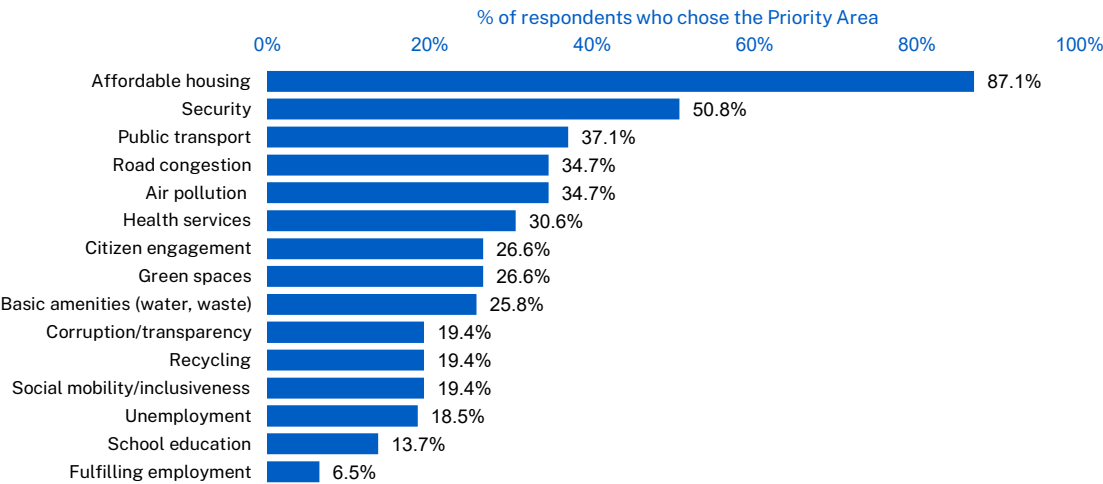
Country

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.



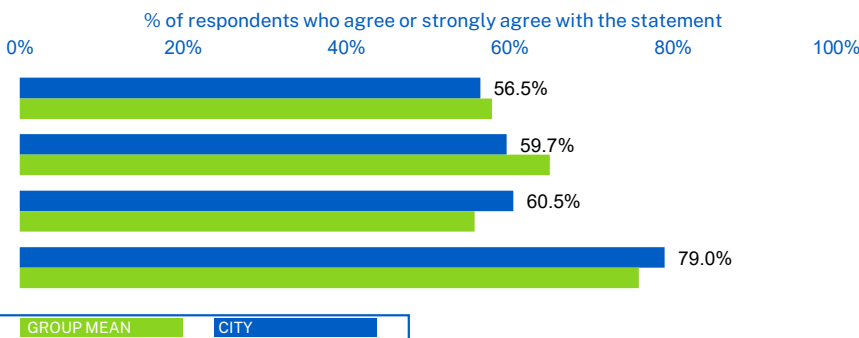
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

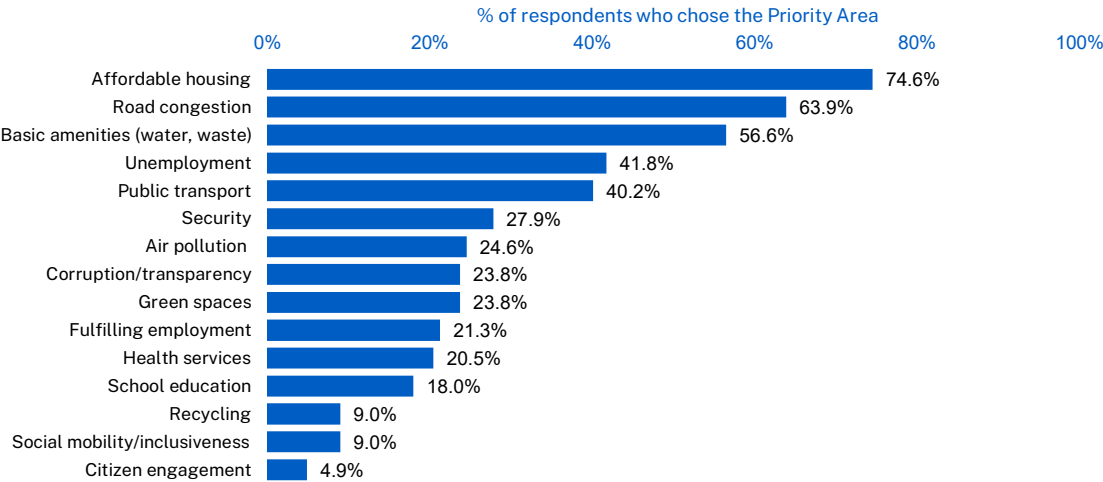
Country

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.



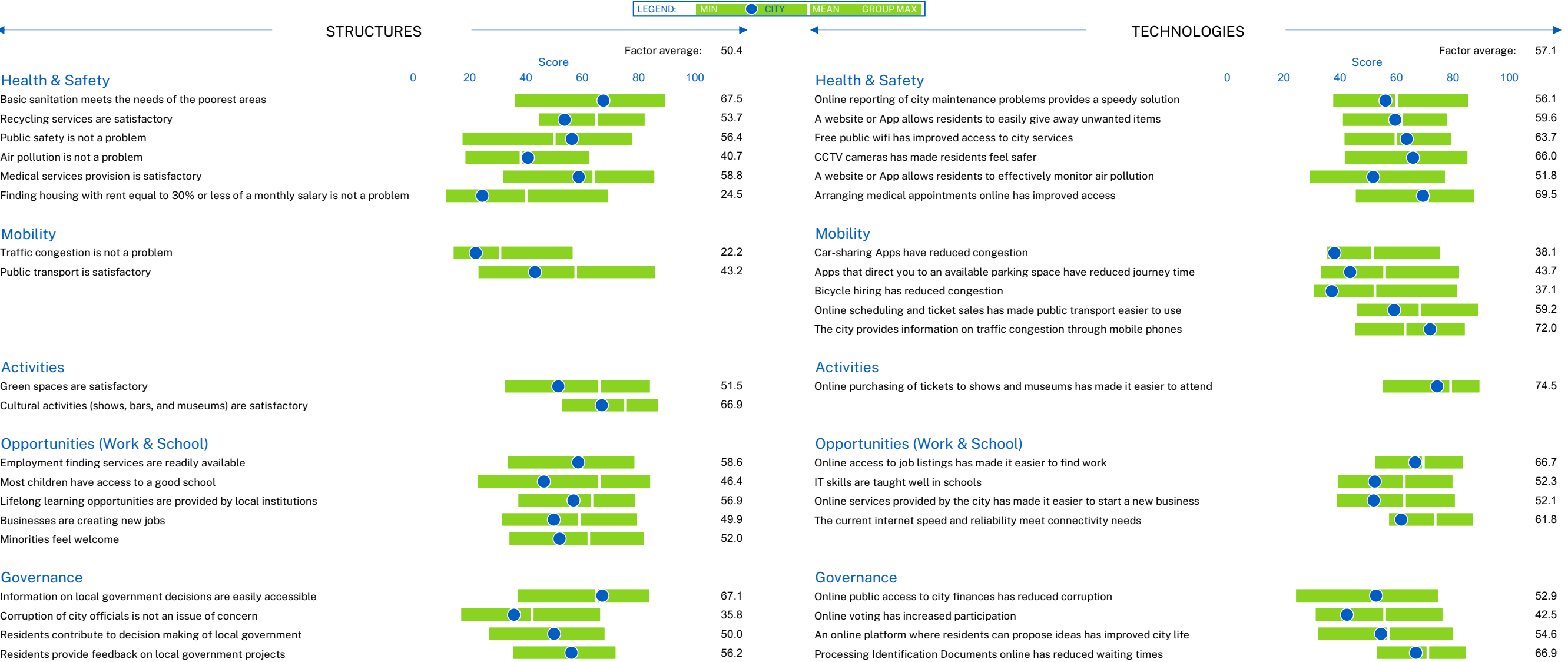
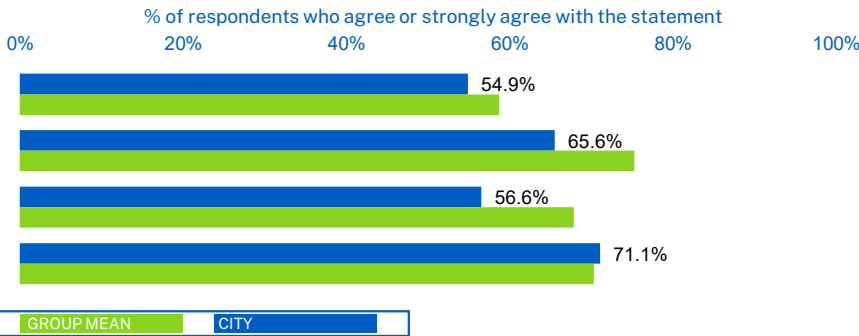
ATTITUDES

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You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

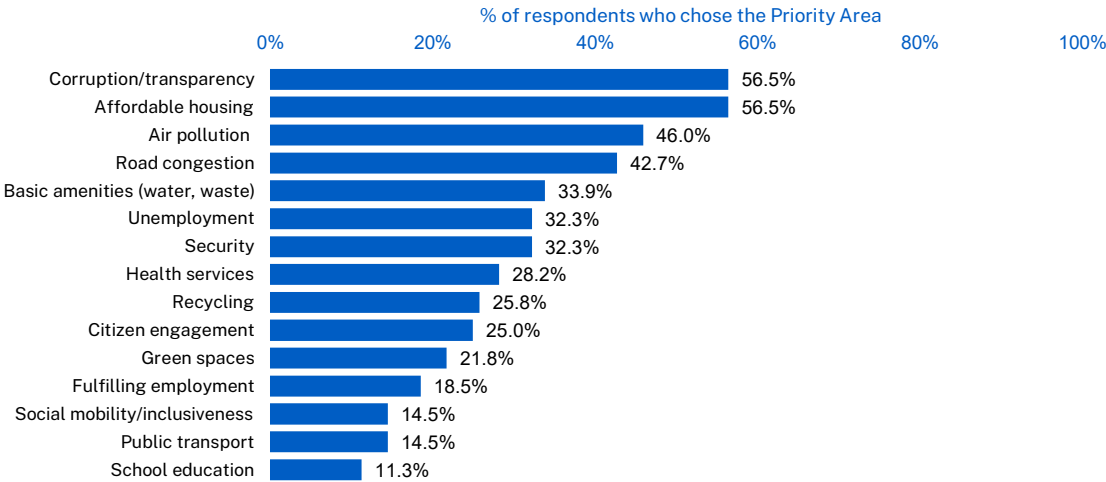
Country

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.



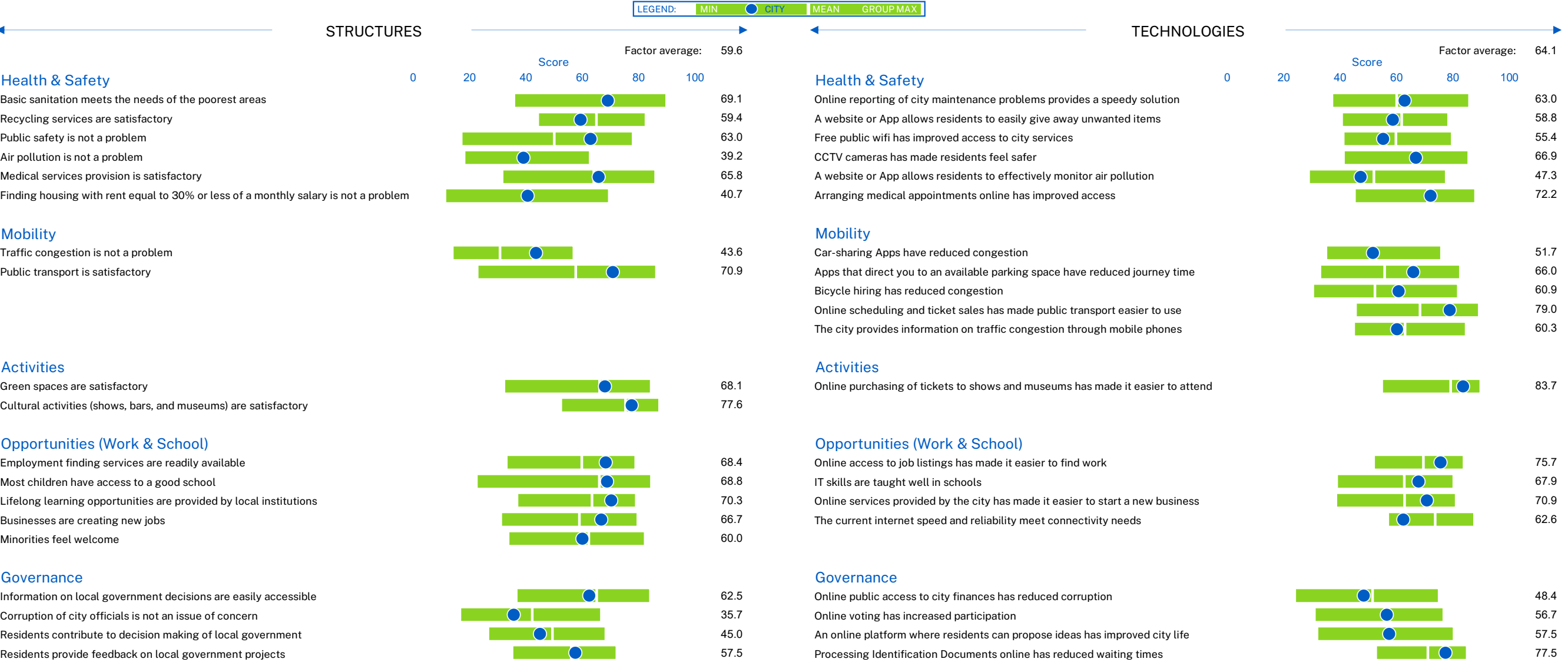
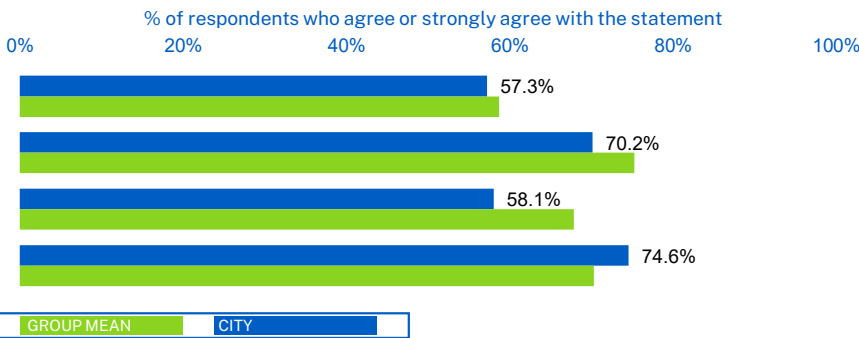
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

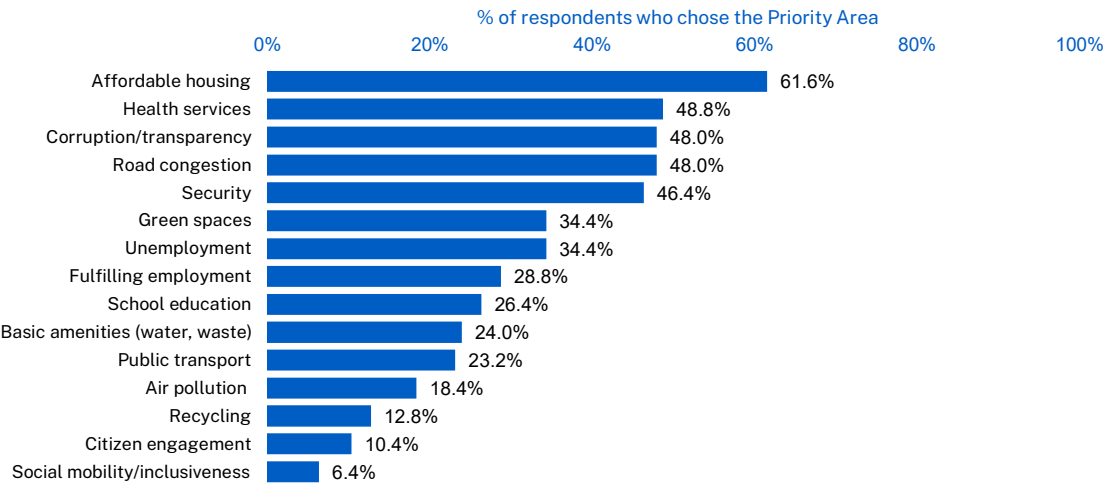
Country

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.



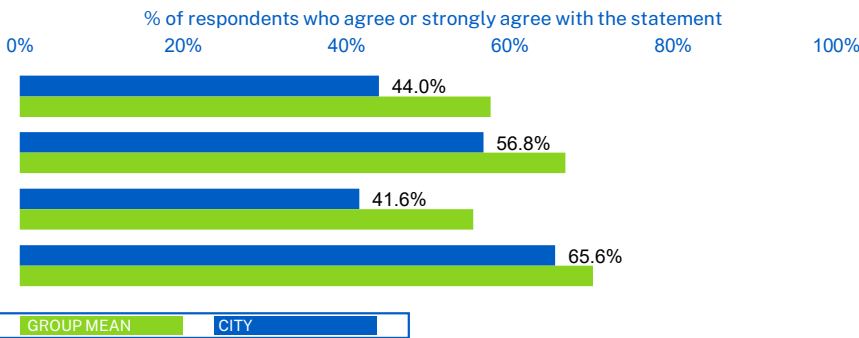
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

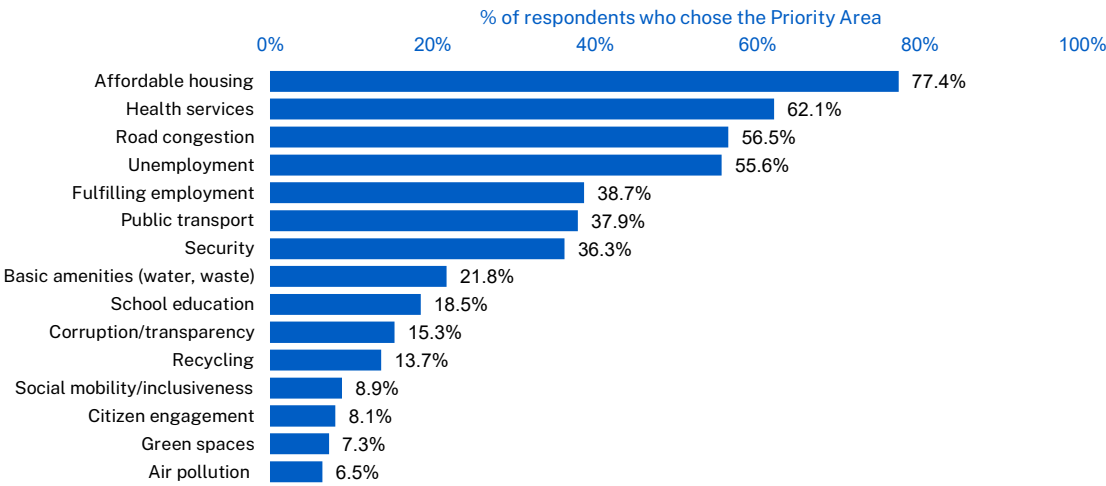
Country

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.



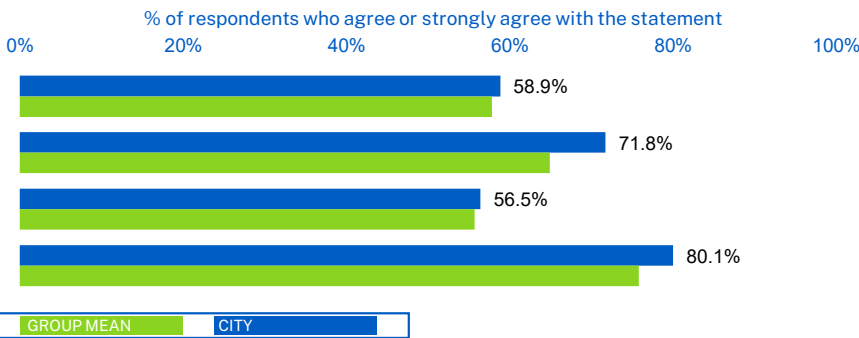
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

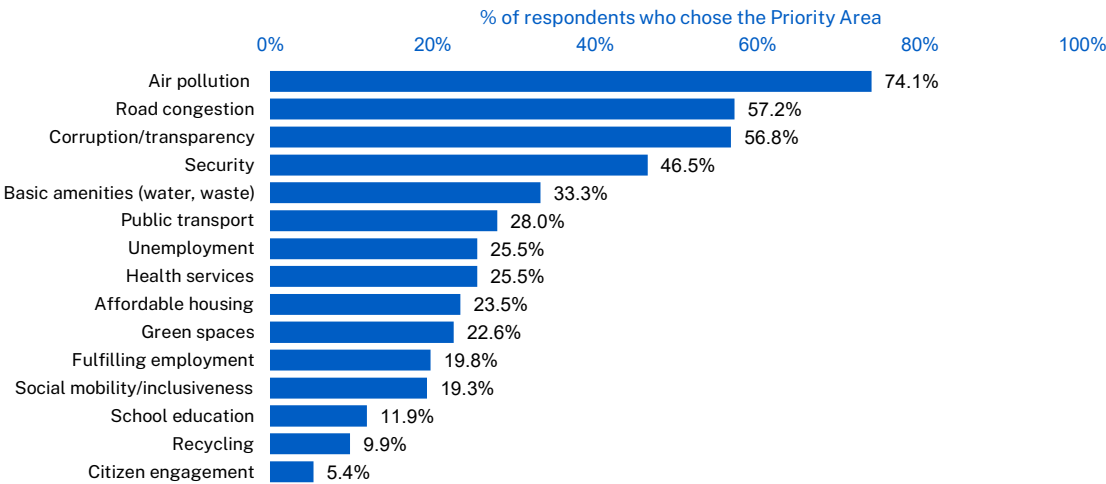
Country

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.



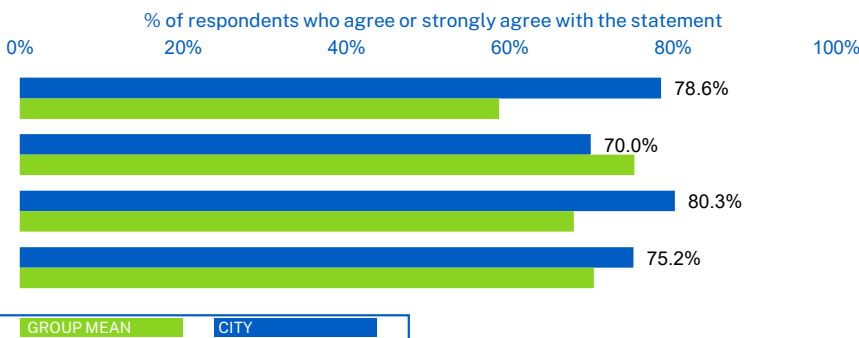
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

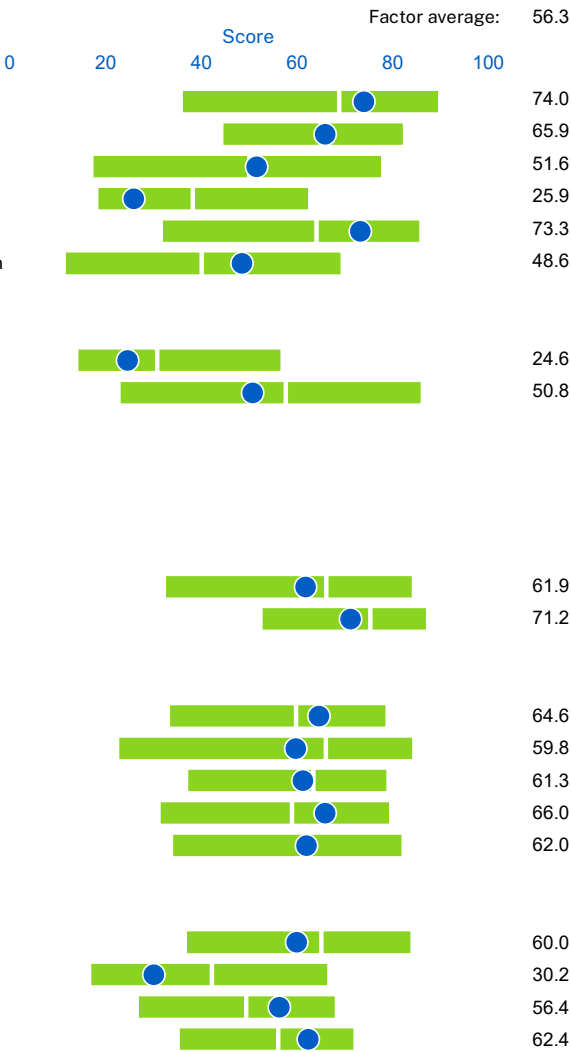
Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

STRUCTURES



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

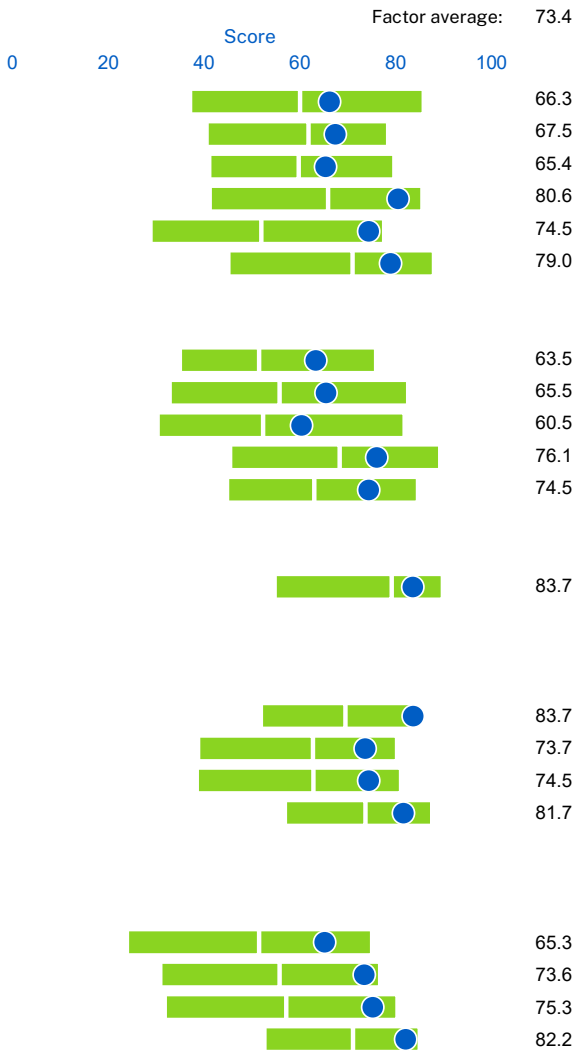
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

TECHNOLOGIES



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

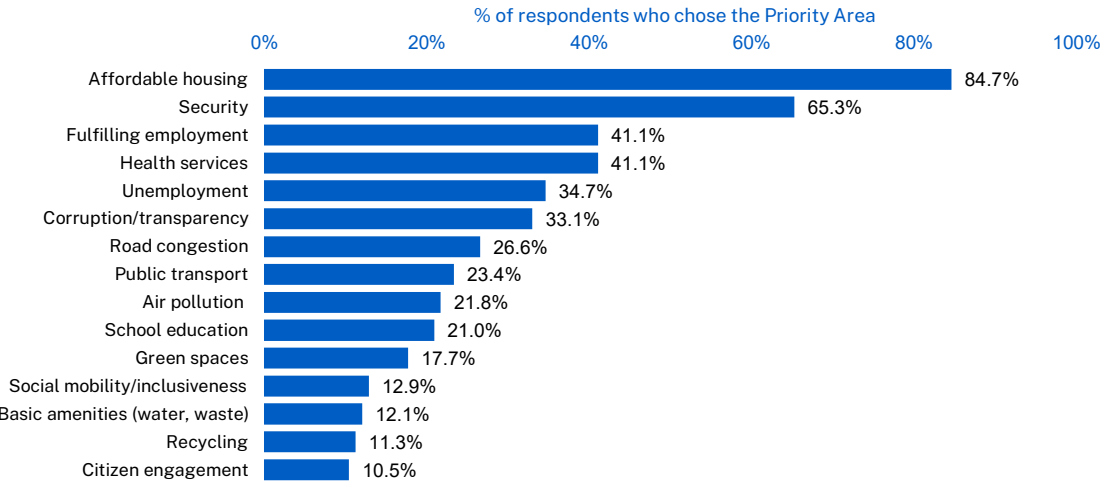
Country

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.



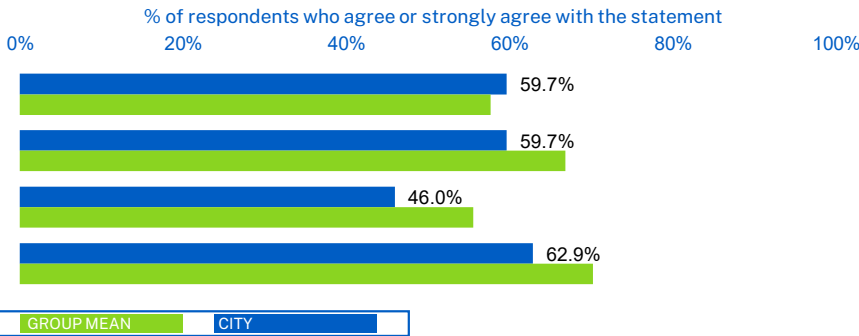
ATTITUDES

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The percentage of your day-to-day payment transactions



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

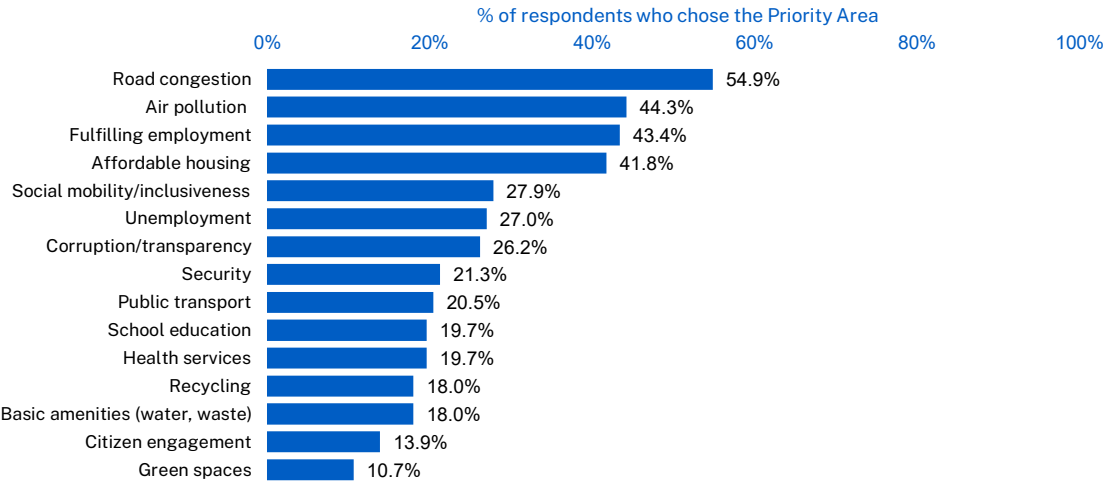
Country

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
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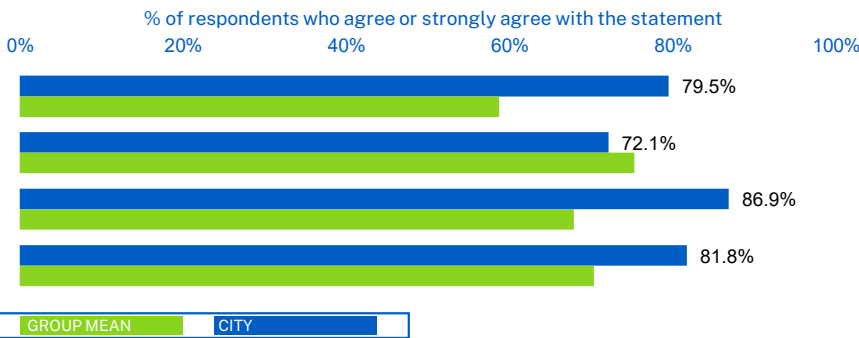
ATTITUDES

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your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

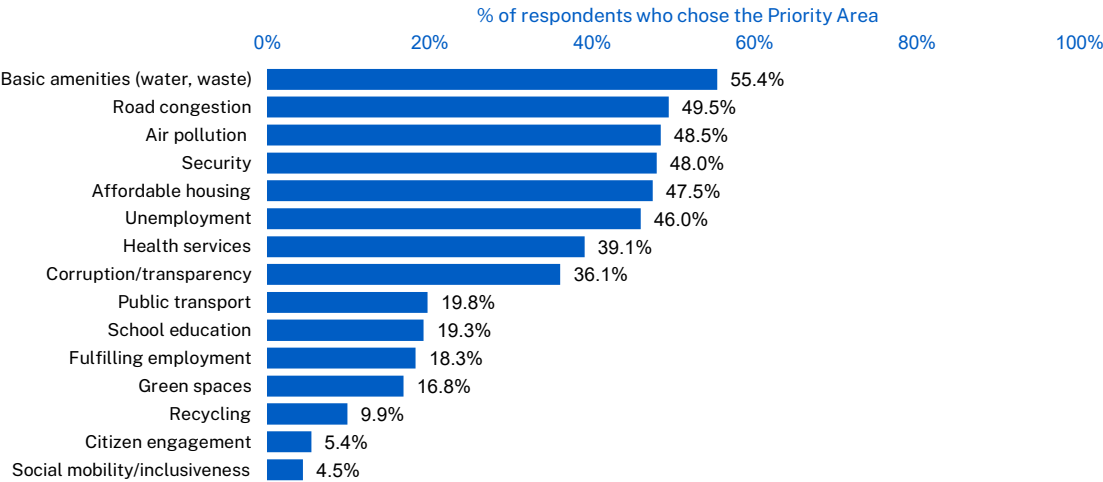
Country

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

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to select five that they
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the greater the priority
for the respondents.



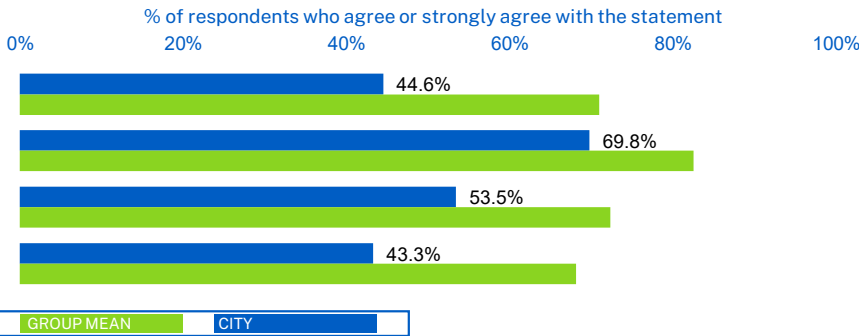
ATTITUDES

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improve traffic congestion

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lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

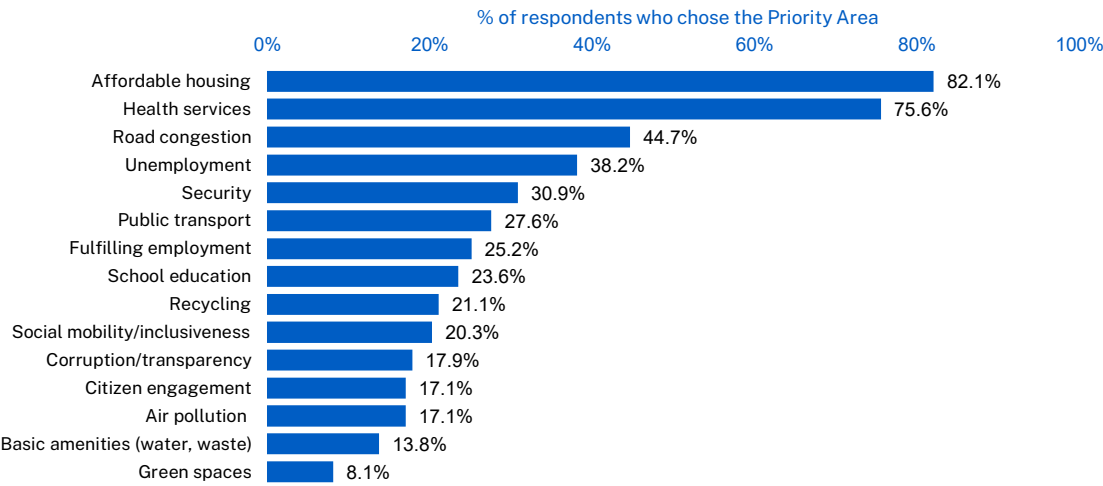
Country

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

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indicators, survey
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to select five that they
perceived as the most
urgent for their city. The
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the greater the priority
for the respondents.



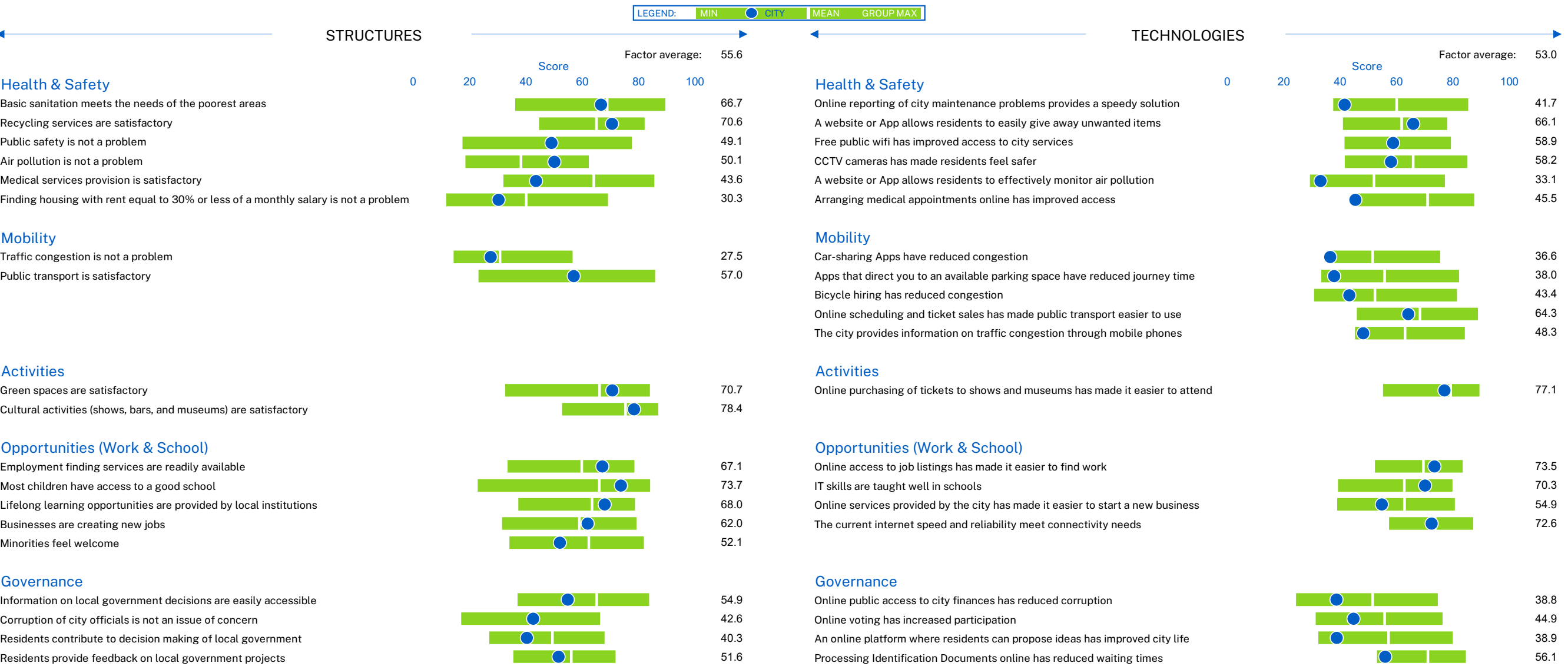
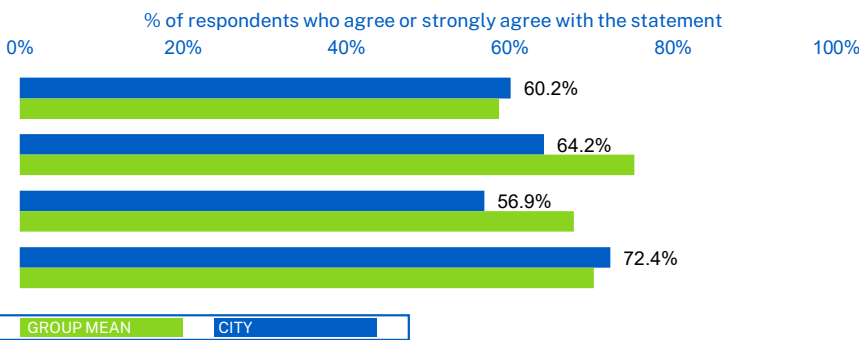
ATTITUDES

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improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

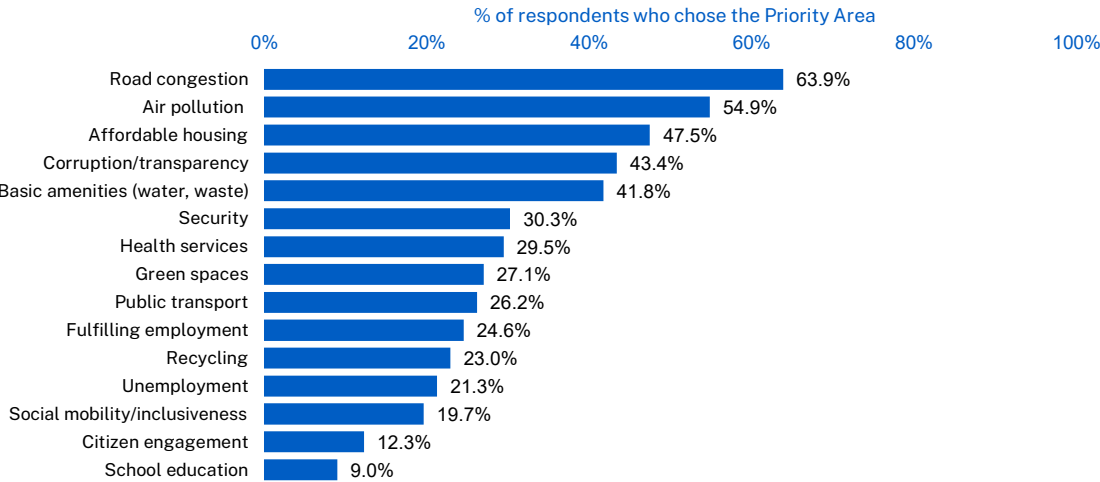
Country

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.



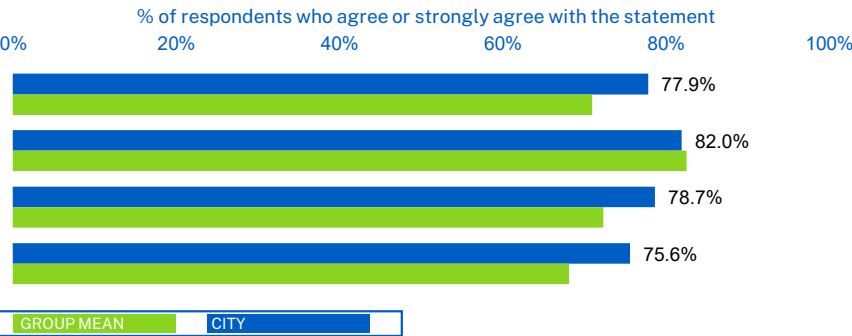
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

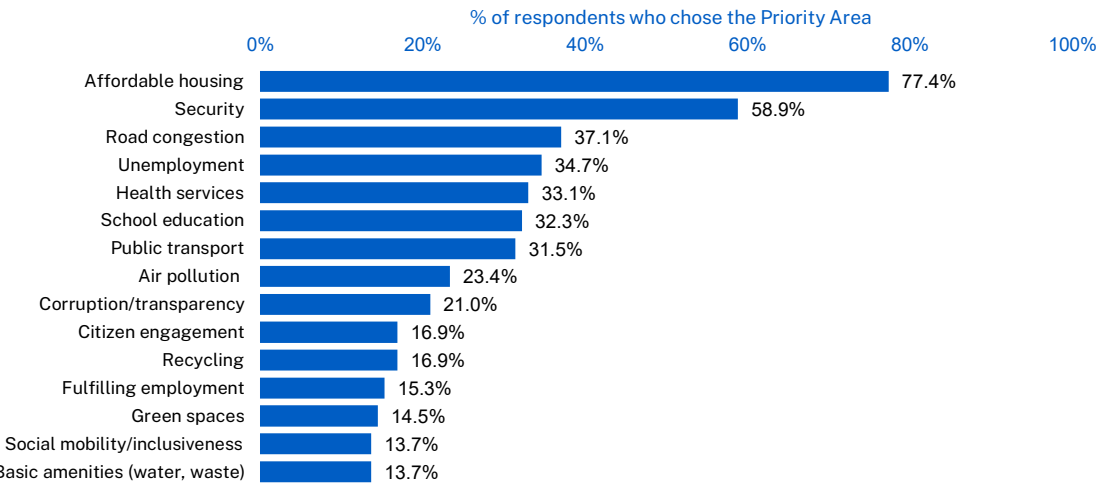
Country

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.



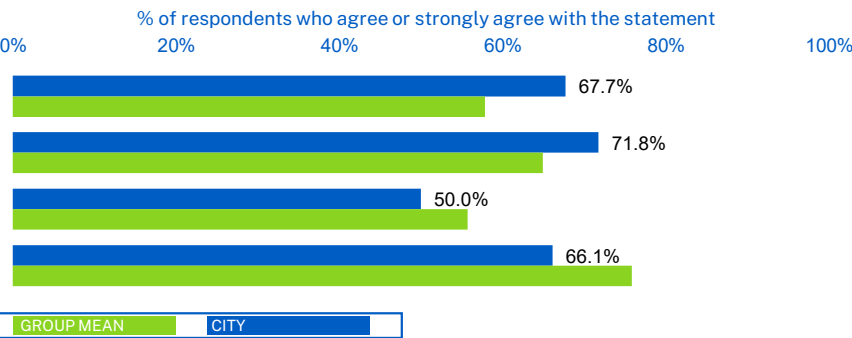
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

STRUCTURES



67.2

67.9

38.1

41.3

61.6

23.6

38.3

57.5

64.5

78.2

64.9

54.5

60.8

55.8

57.9

52.4

50.3

49.6

55.5

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

TECHNOLOGIES



45.7

62.5

55.7

47.8

46.1

57.2

44.2

43.4

44.8

65.1

56.0

74.1

70.2

47.4

46.0

65.6

40.8

50.2

47.7

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

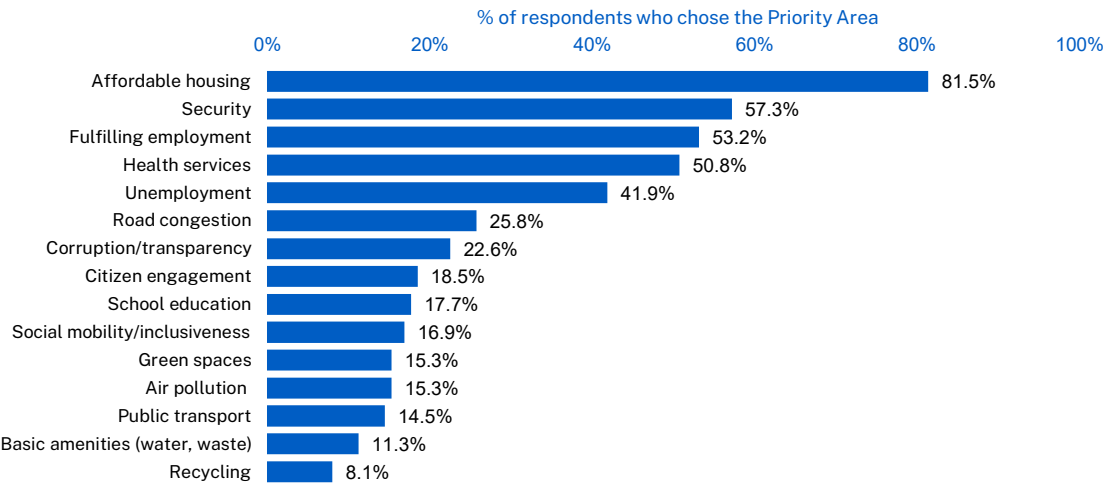
Country

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.



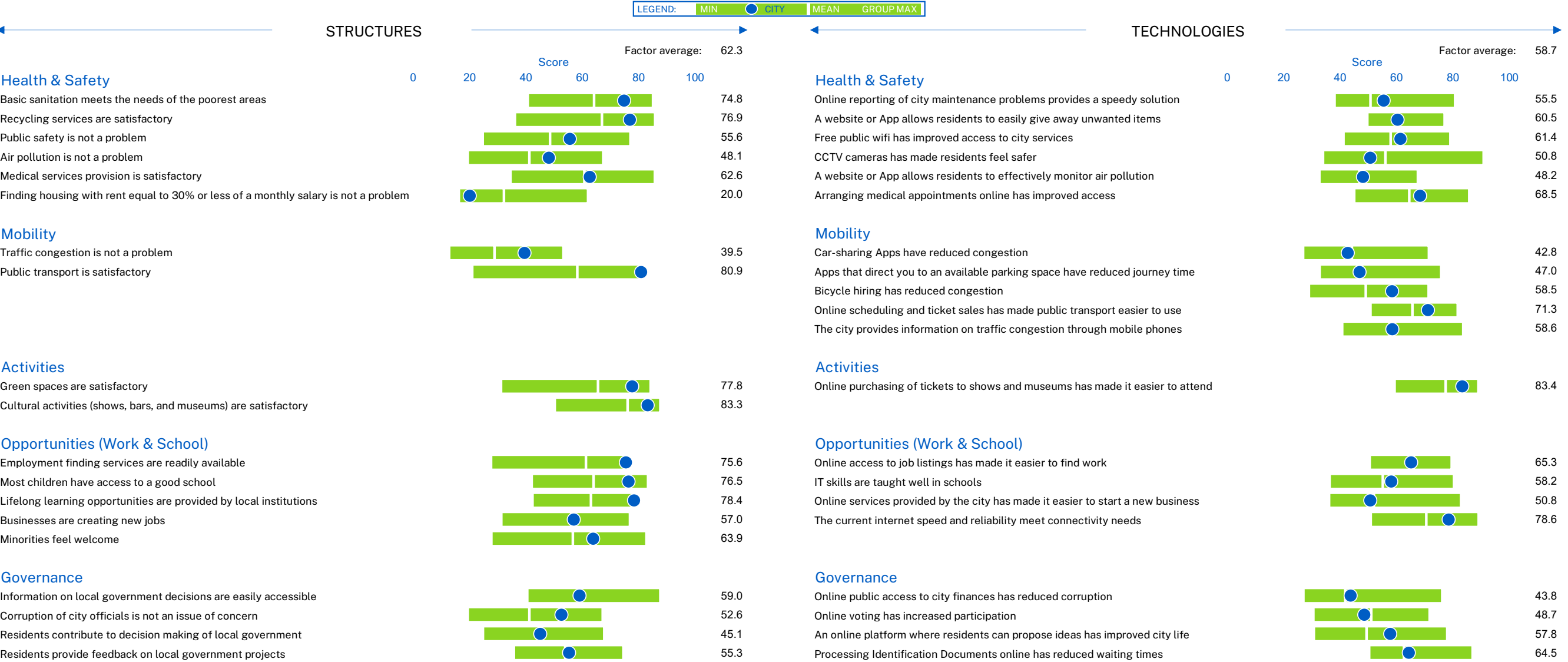
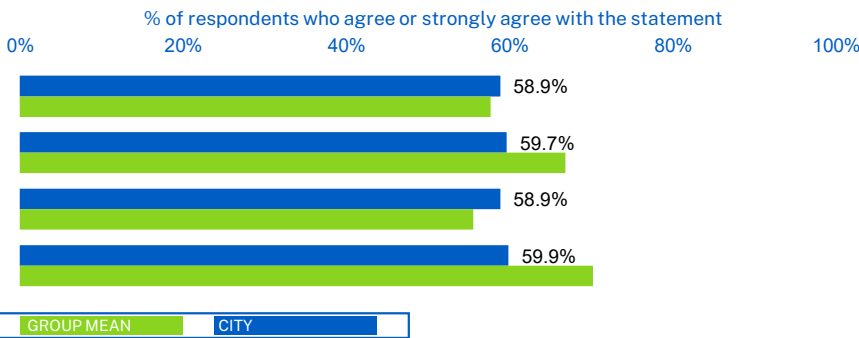
ATTITUDES

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The percentage of your day-to-day payment transactions



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

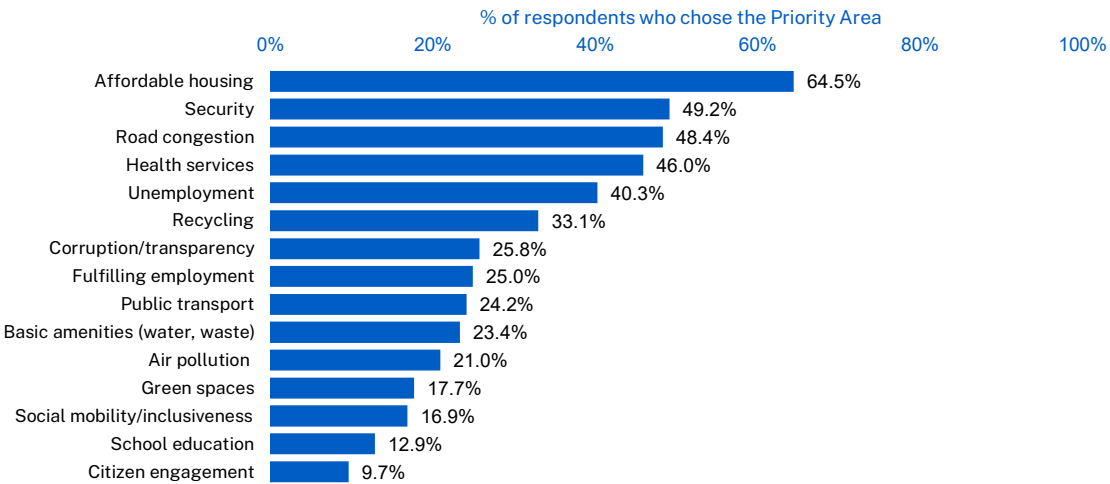
Country

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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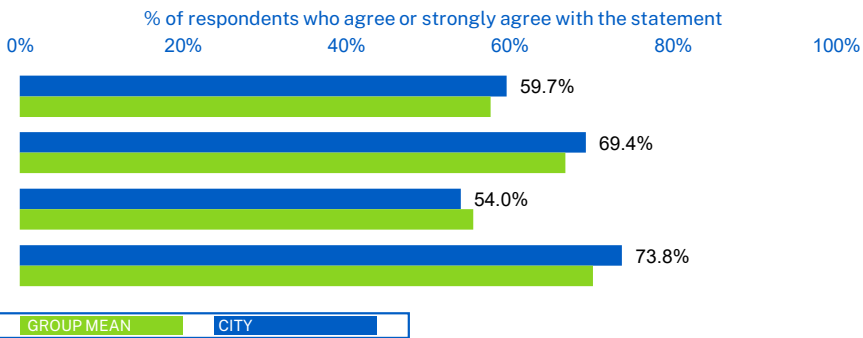
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

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Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

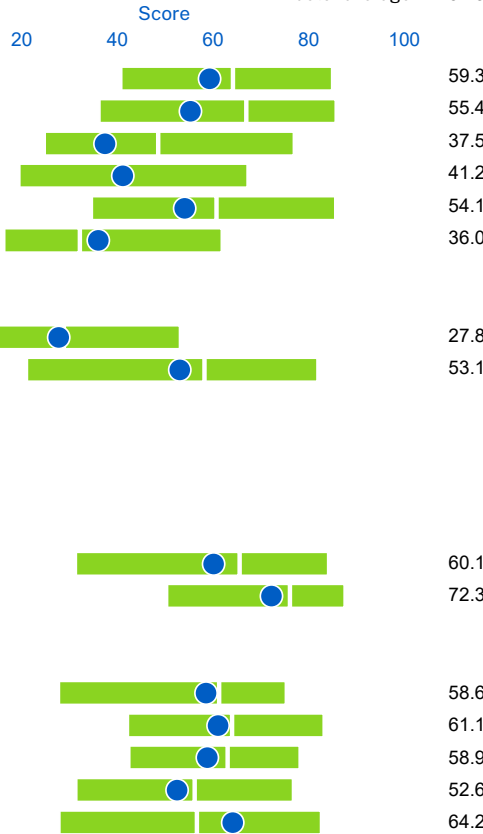
Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 51.5



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

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The current internet speed and reliability meet connectivity needs

Governance

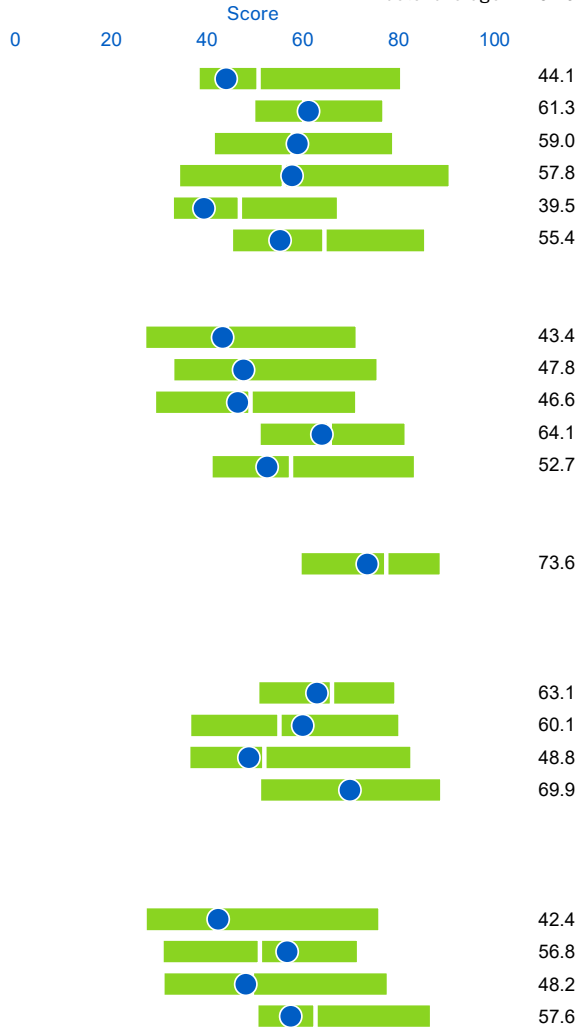
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 54.6



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

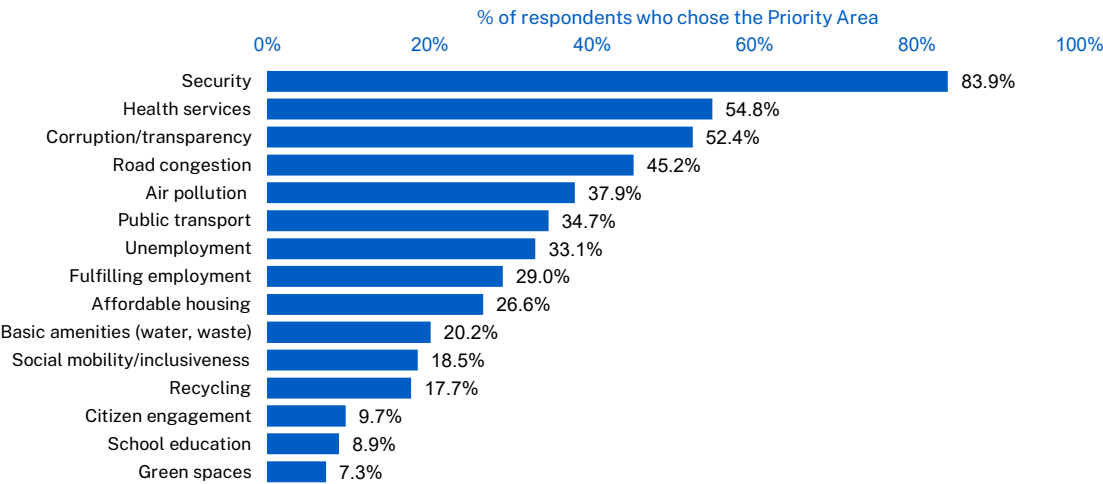
Country

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.



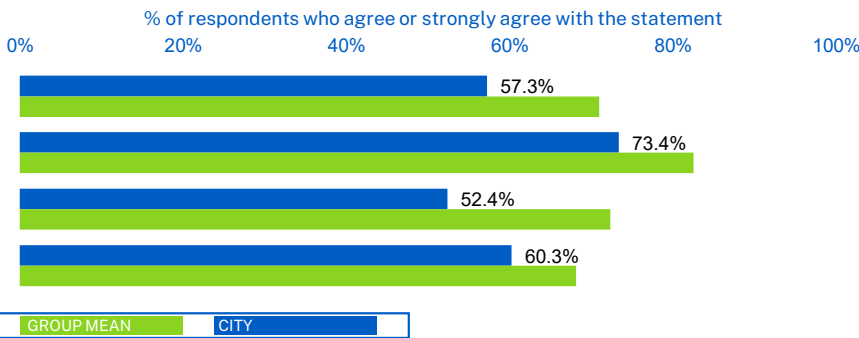
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

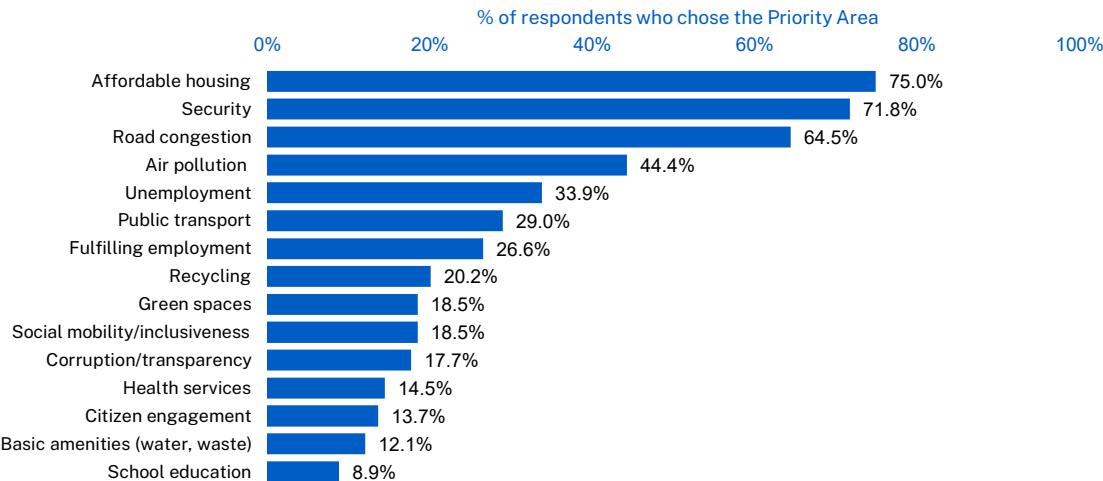
Country

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.



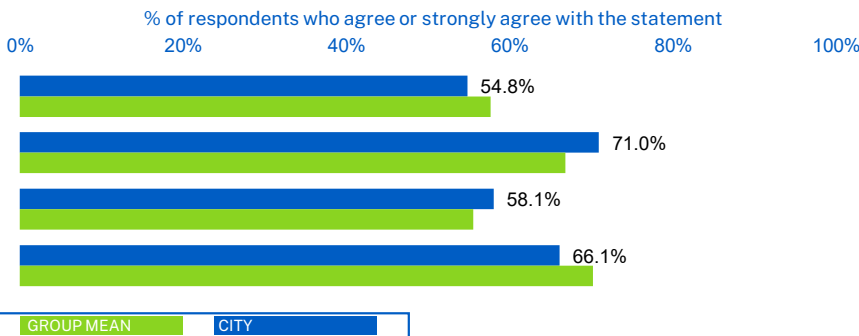
ATTITUDES

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The percentage of your day-to-day payment transactions



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)



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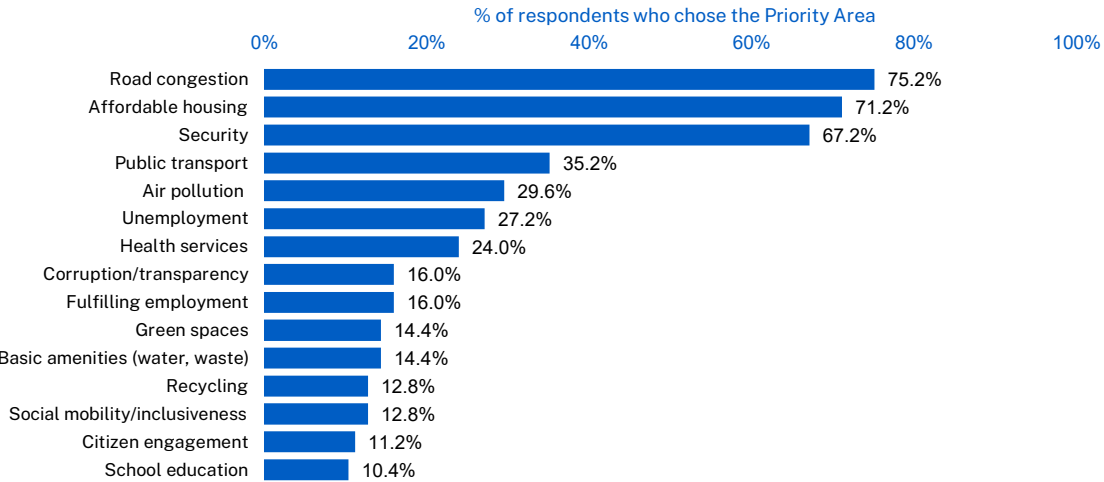
Country

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.



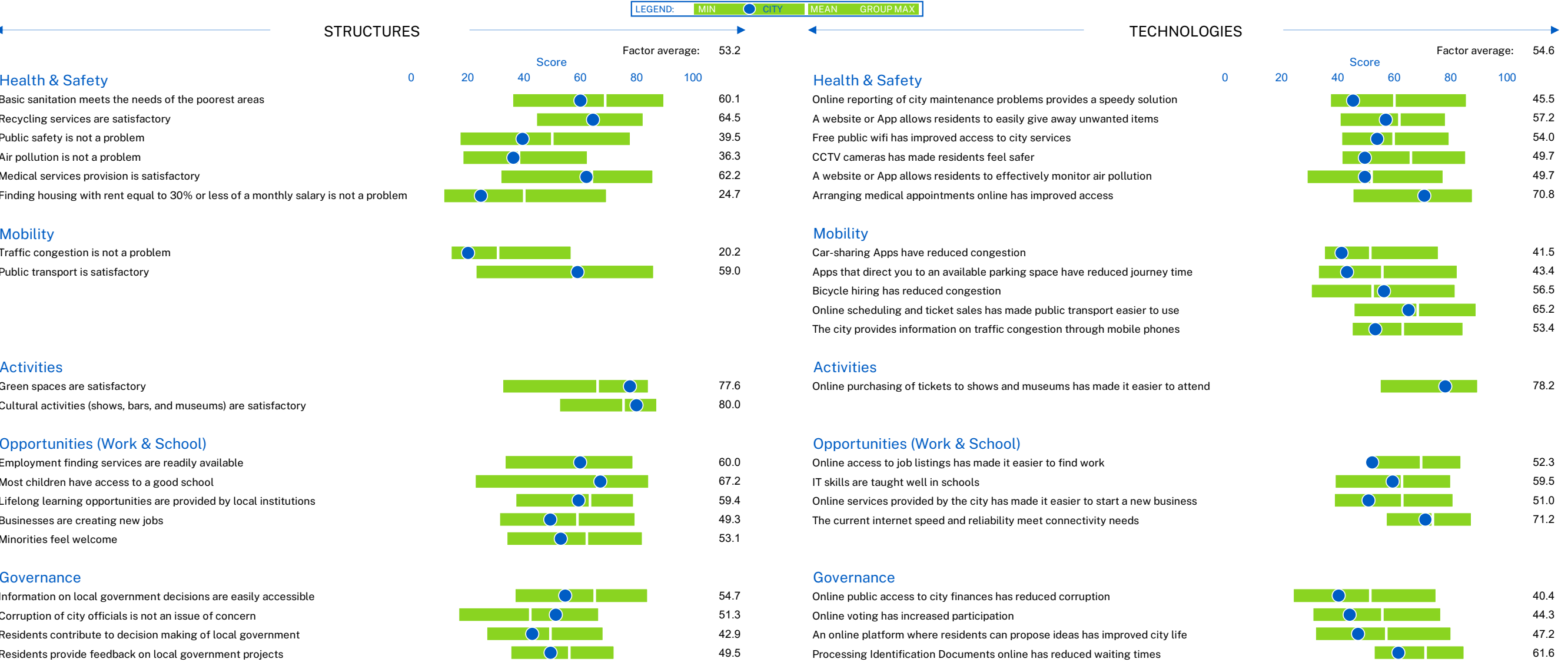
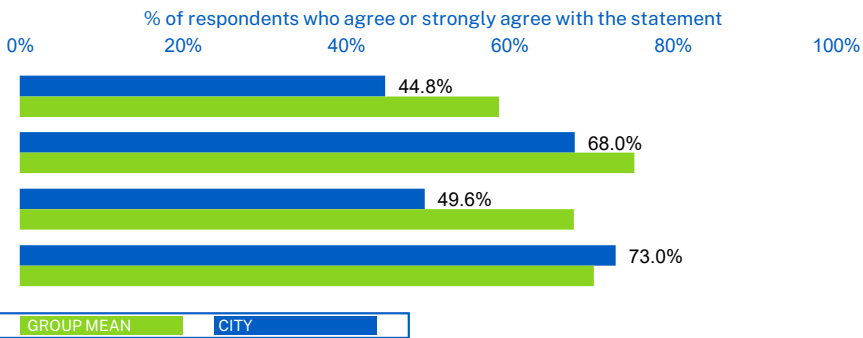
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

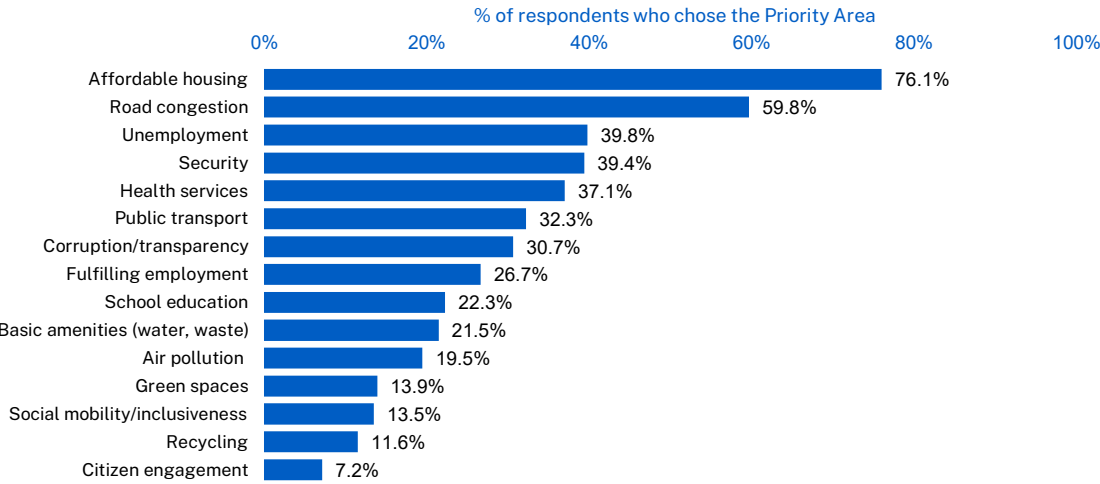
Country

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.



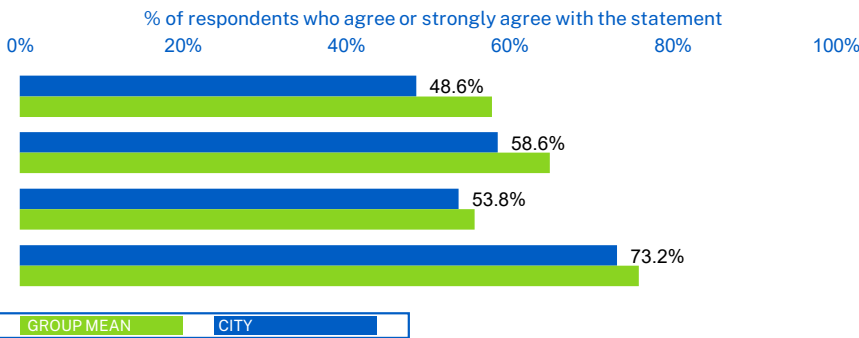
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

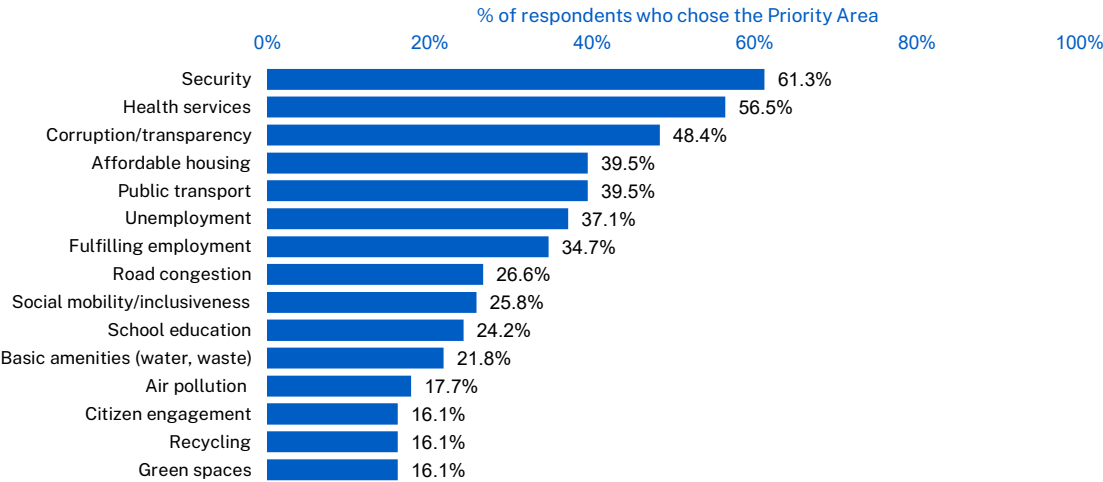
Country

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.



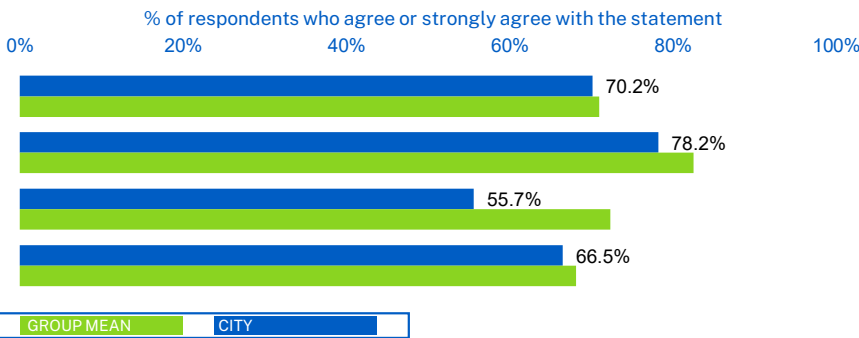
ATTITUDES

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improve traffic congestion

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lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

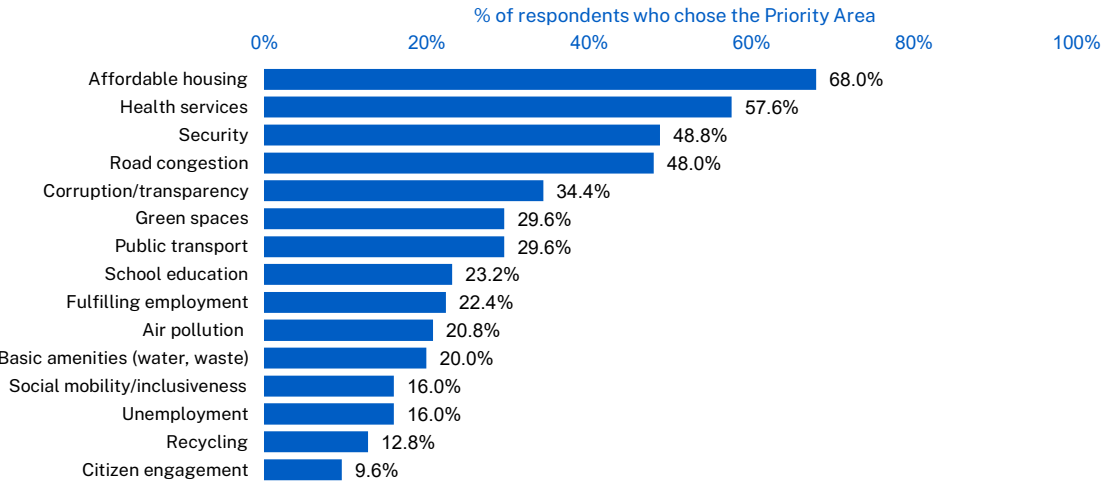
Country

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.



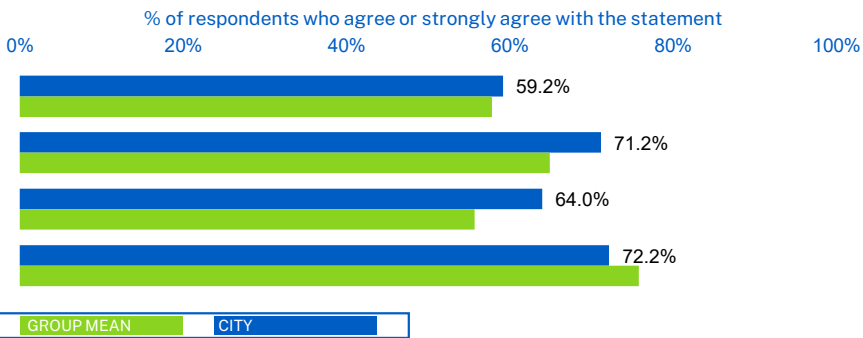
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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

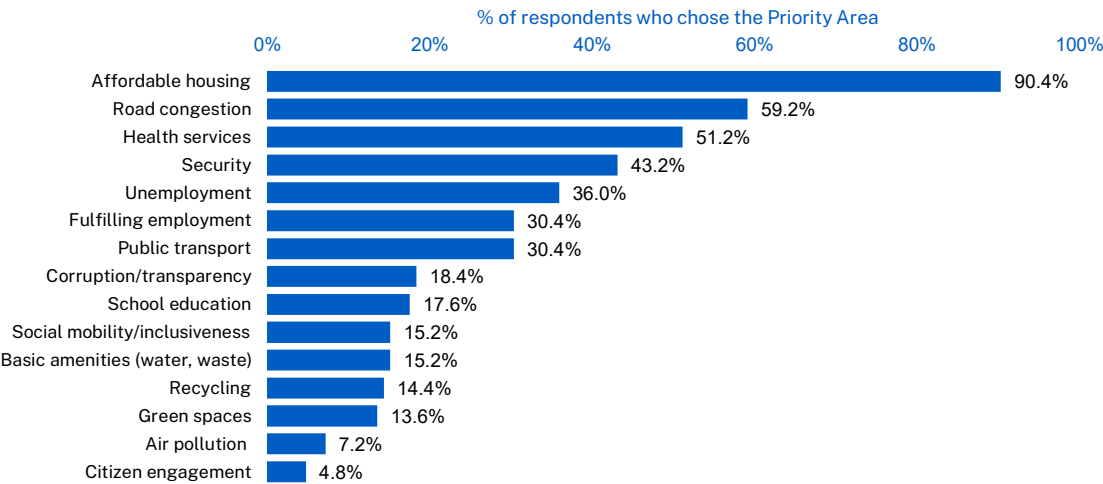
Country

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.



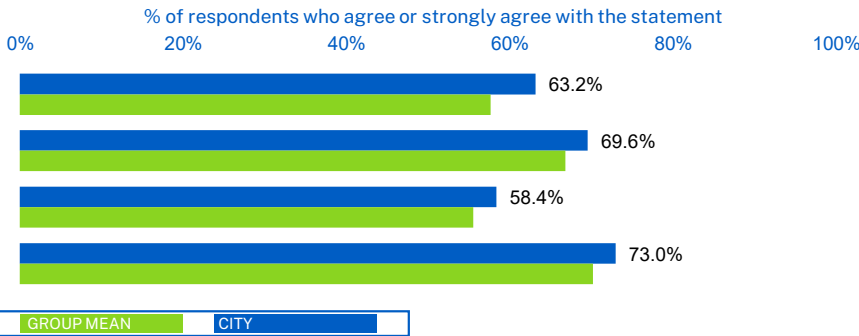
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

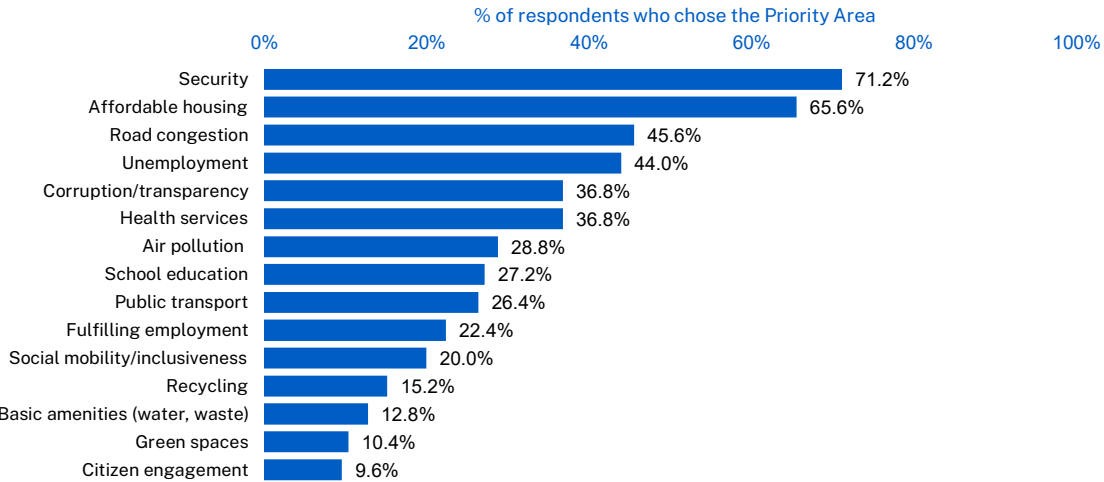
Country

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.



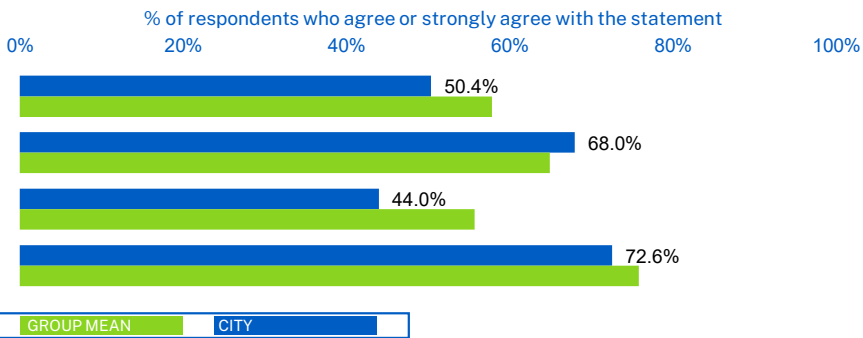
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

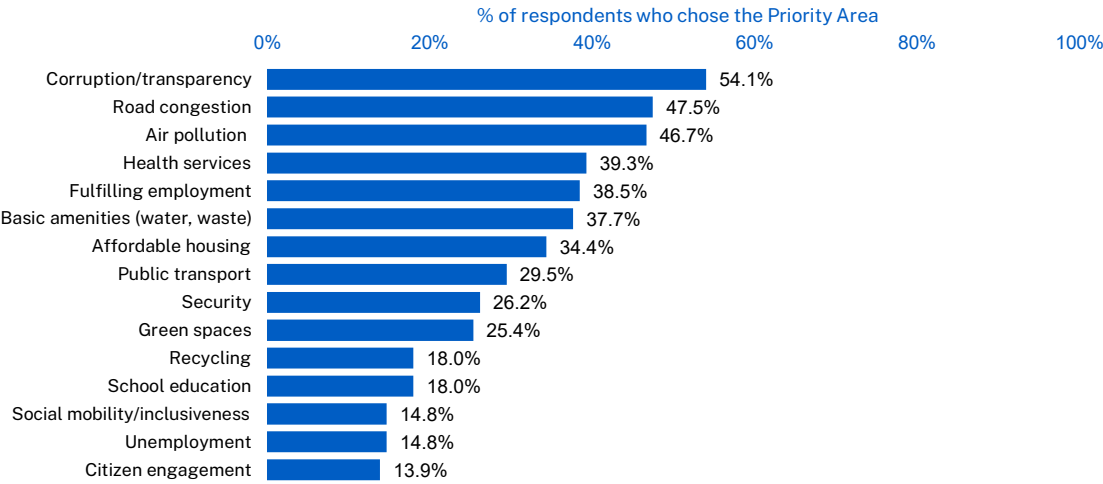
Country

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.



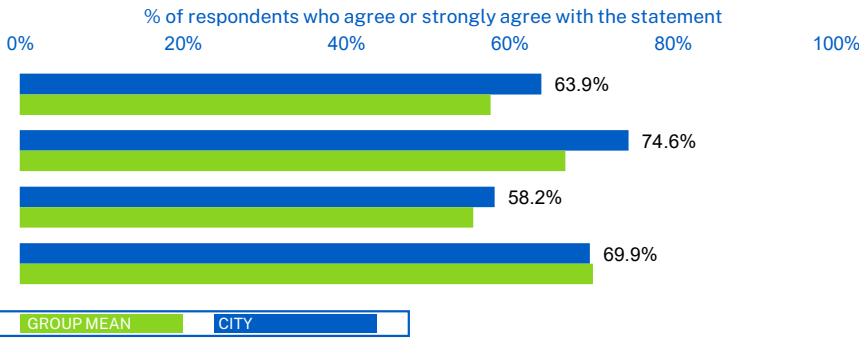
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

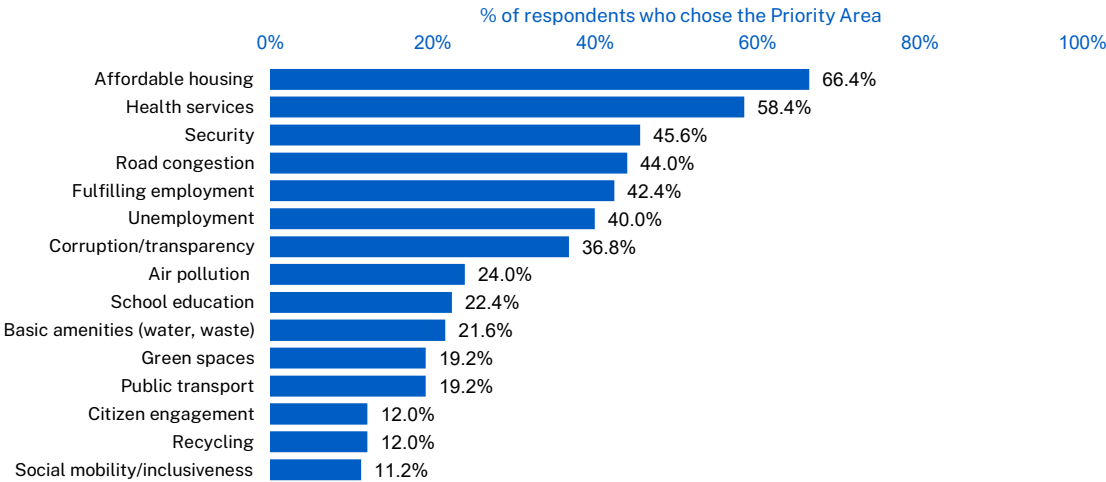
Country

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
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urgent for their city. The
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for the respondents.



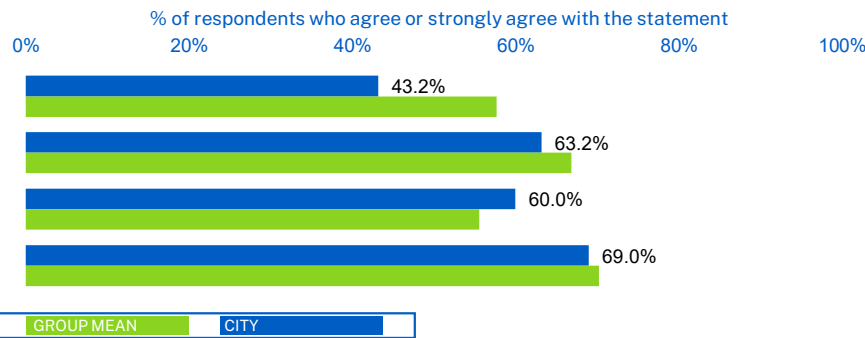
ATTITUDES

You are willing to concede personal data in order to
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You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

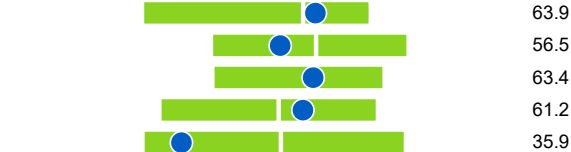
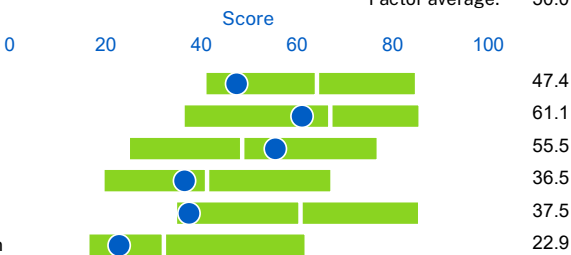
Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

STRUCTURES



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

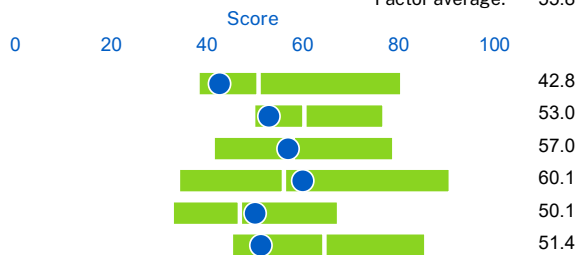
Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times



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

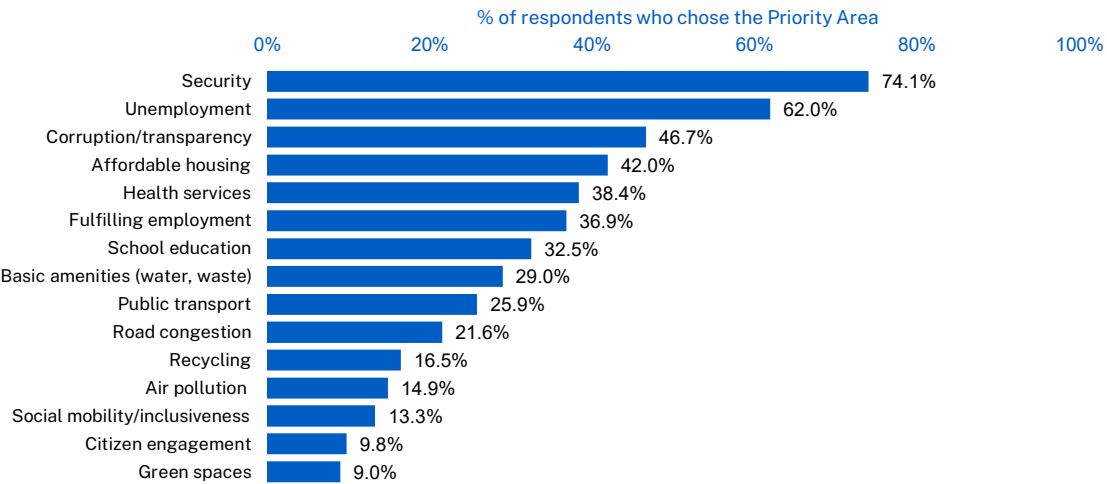
Country

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
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the greater the priority
for the respondents.



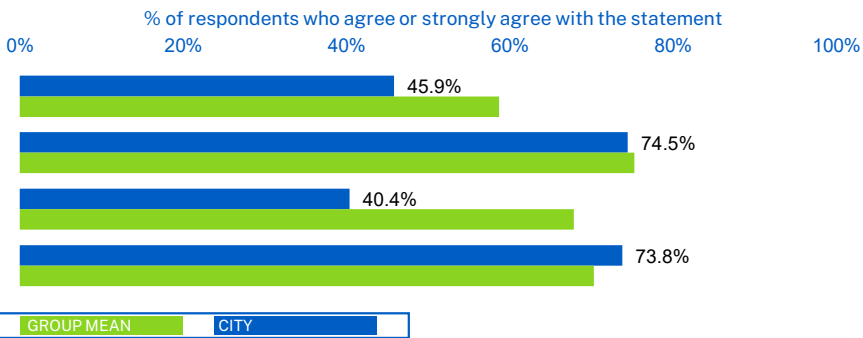
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

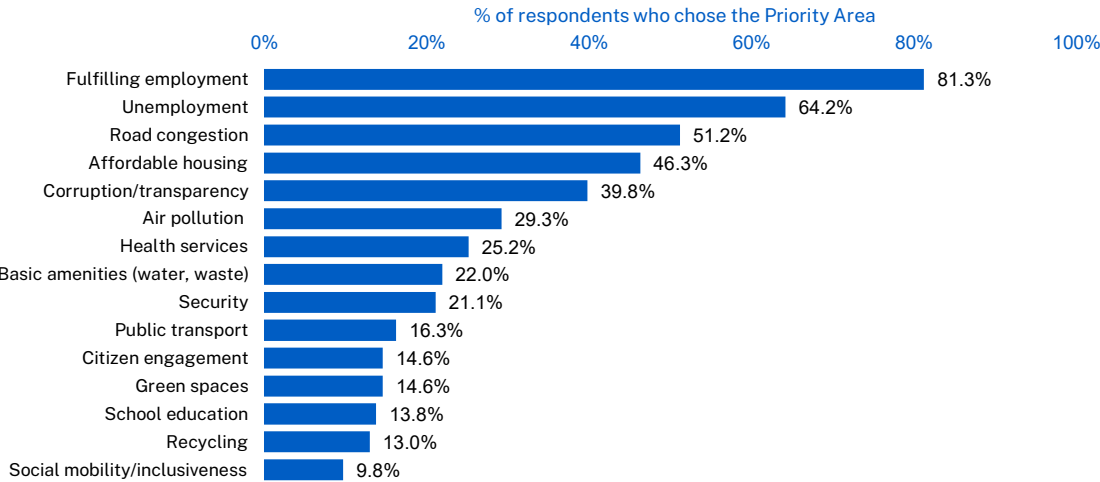
Country

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

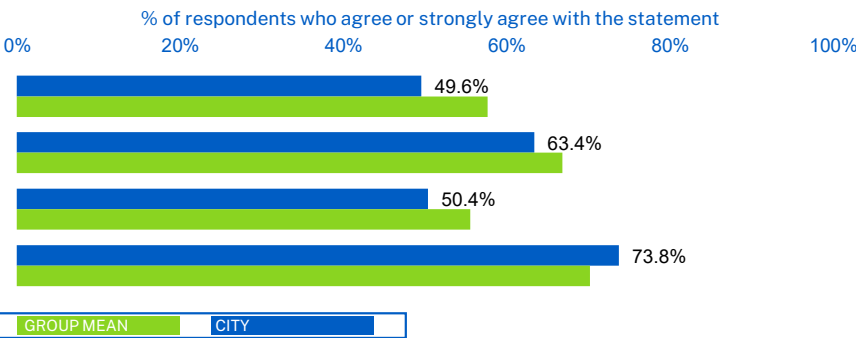
PRIORITY AREAS

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.



ATTITUDES

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You are comfortable with face recognition technologies to lower crime
You feel the availability of online information has increased your trust in authorities
The percentage of your day-to-day payment transactions

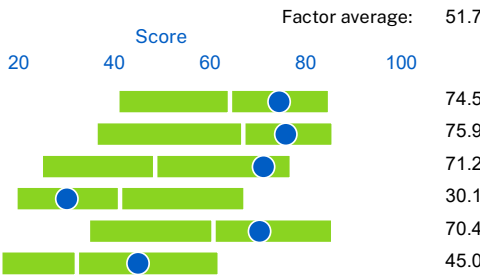


LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

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



Mobility

Traffic congestion is not a problem
Public transport is satisfactory



Activities

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



Opportunities (Work & School)

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



Governance

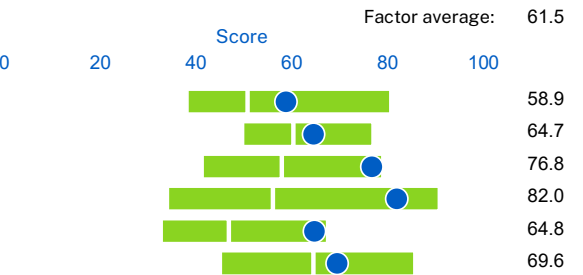
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Residents contribute to decision making of local government
Residents provide feedback on local government projects



TECHNOLOGIES

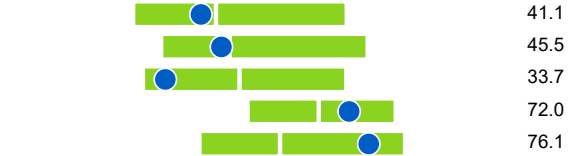
Health & Safety

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



Mobility

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



Activities

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



Opportunities (Work & School)

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



Governance

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



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

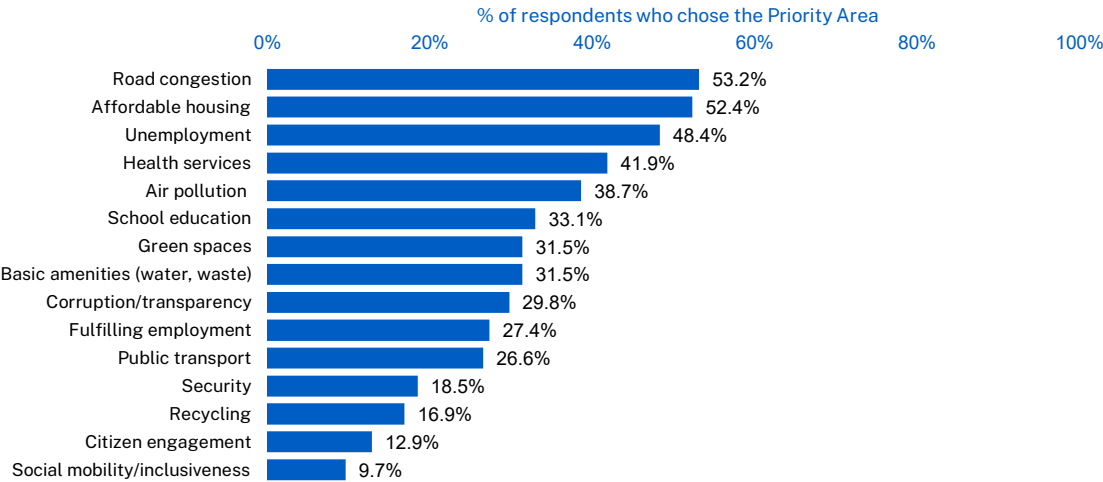
Country

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.



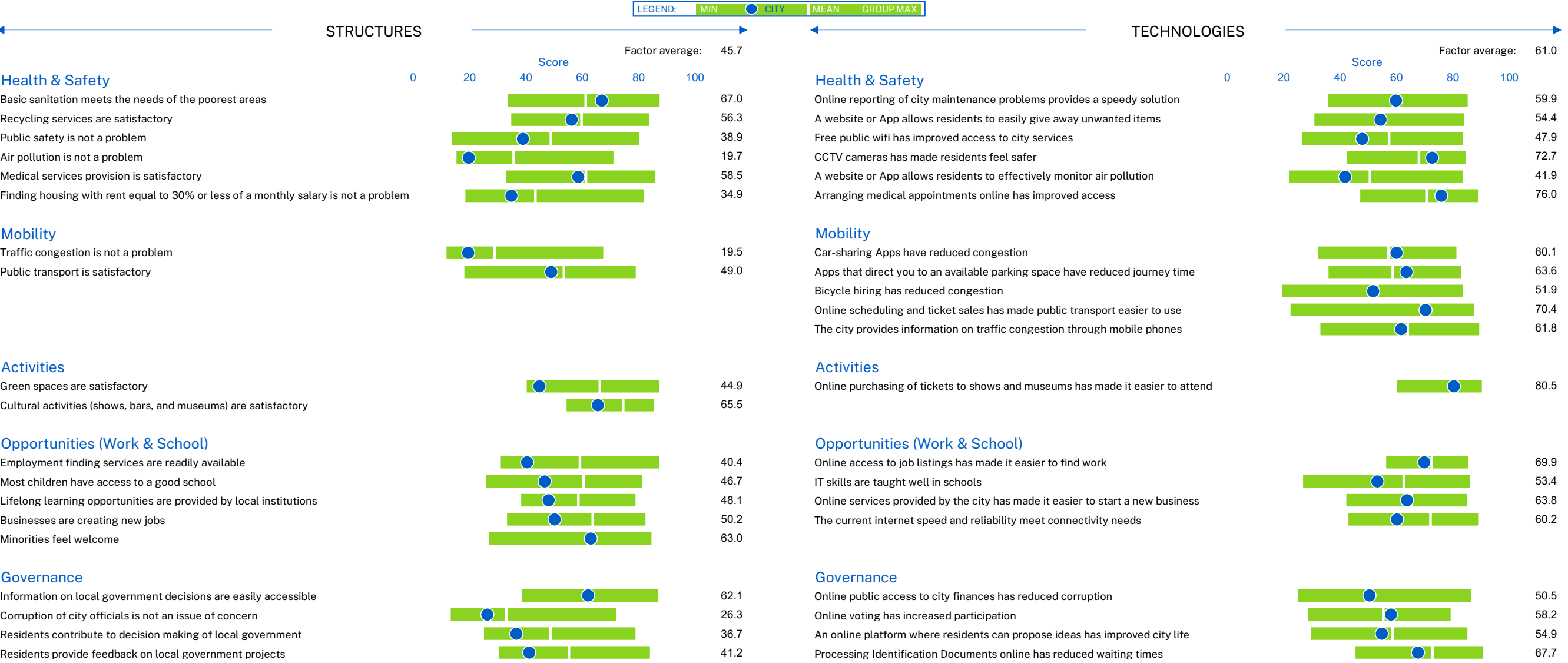
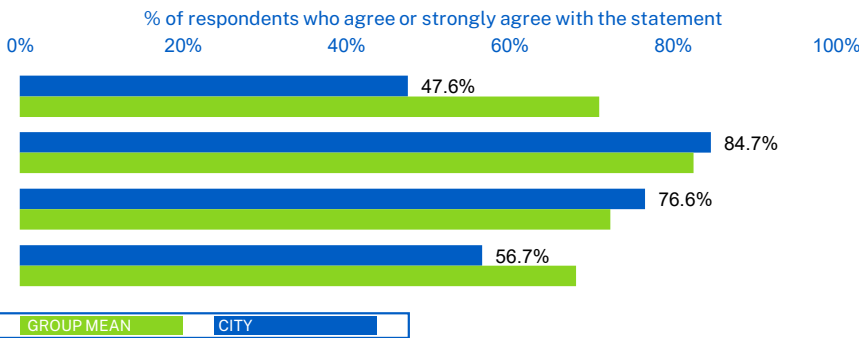
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

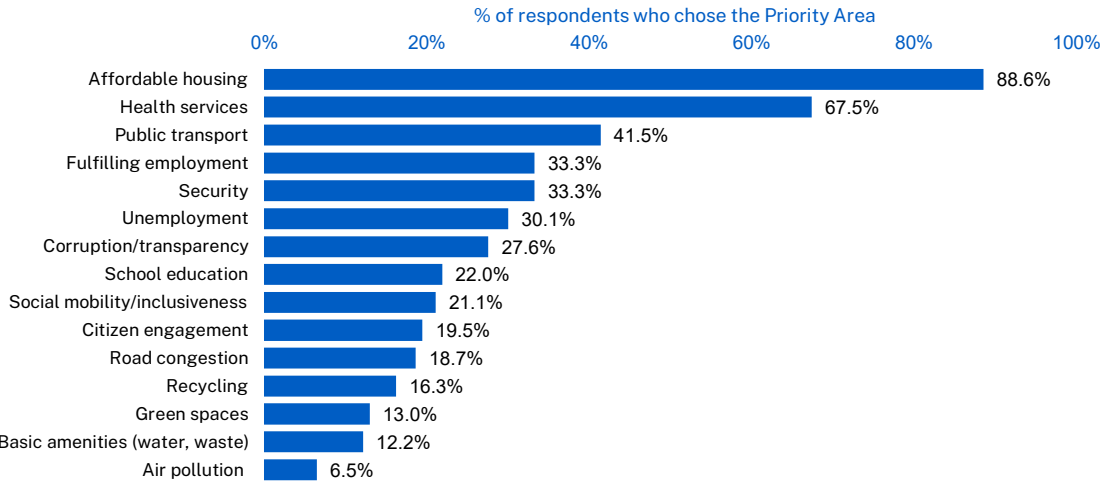
Country

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

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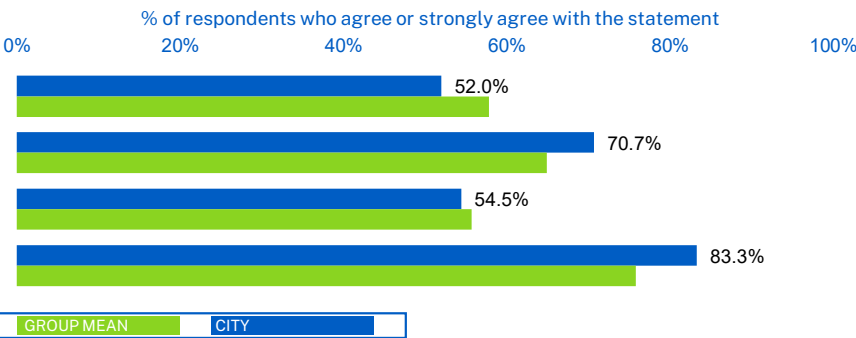
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

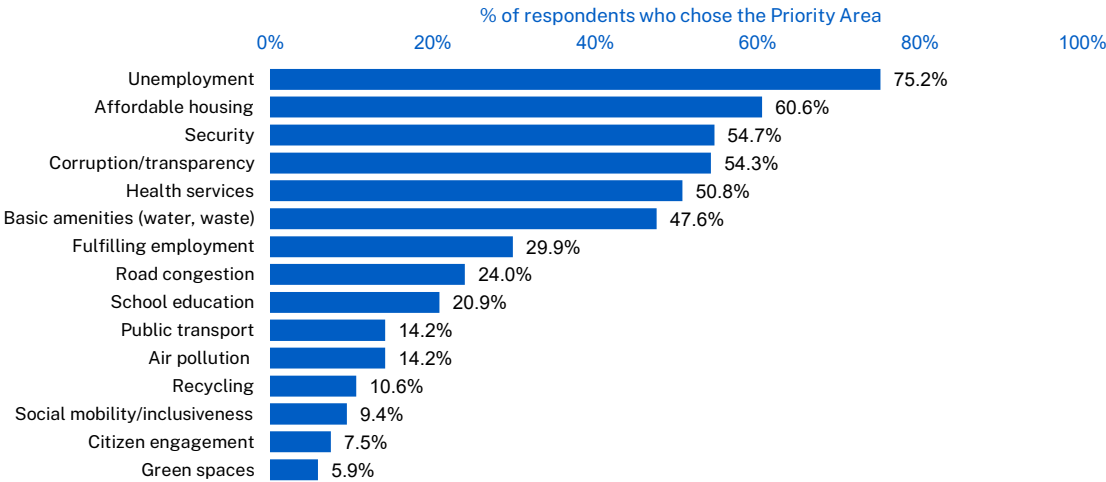
Country

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

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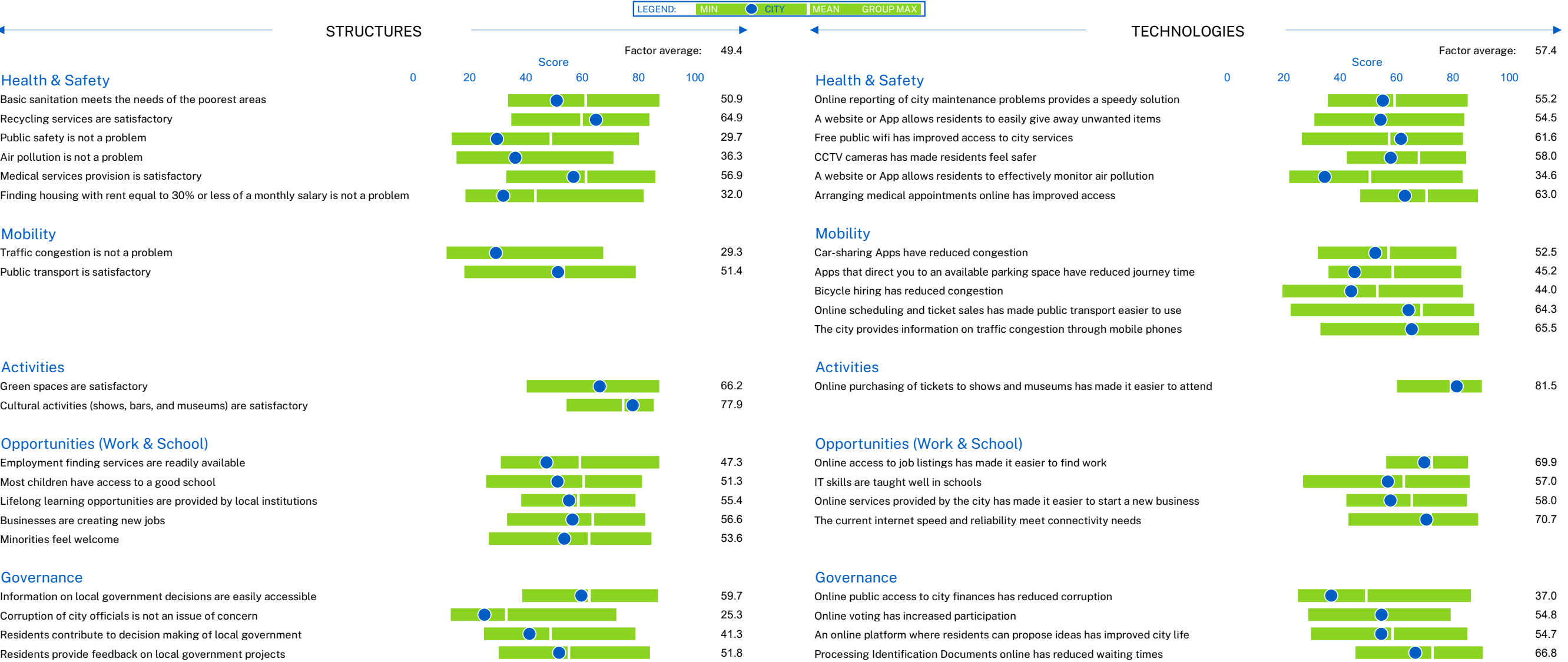
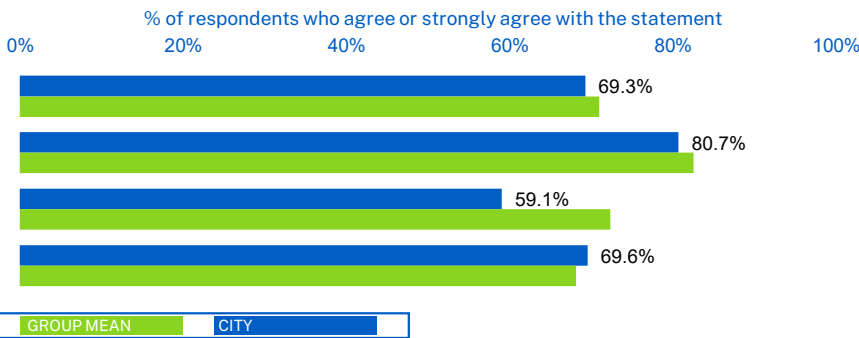
ATTITUDES

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You are comfortable with face recognition technologies to
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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

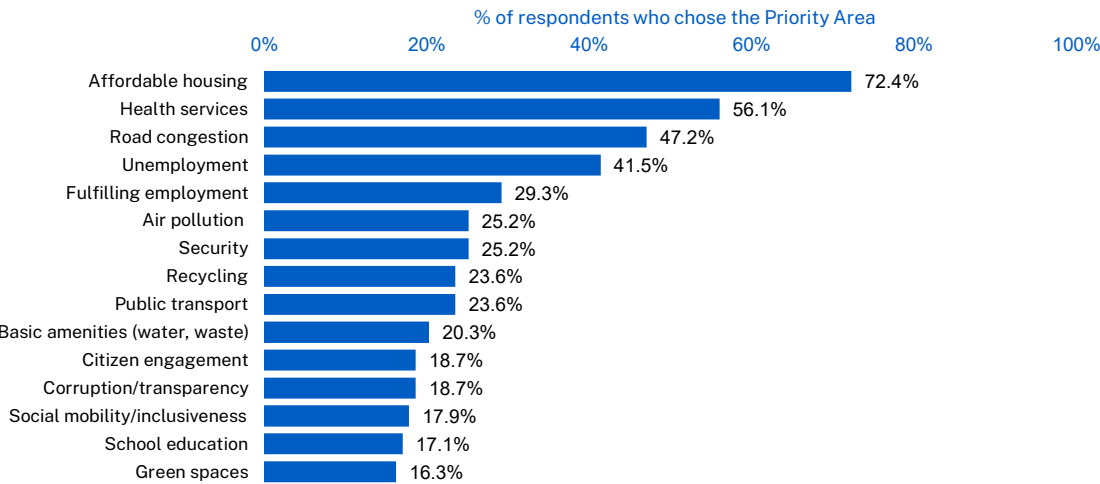
Country

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.



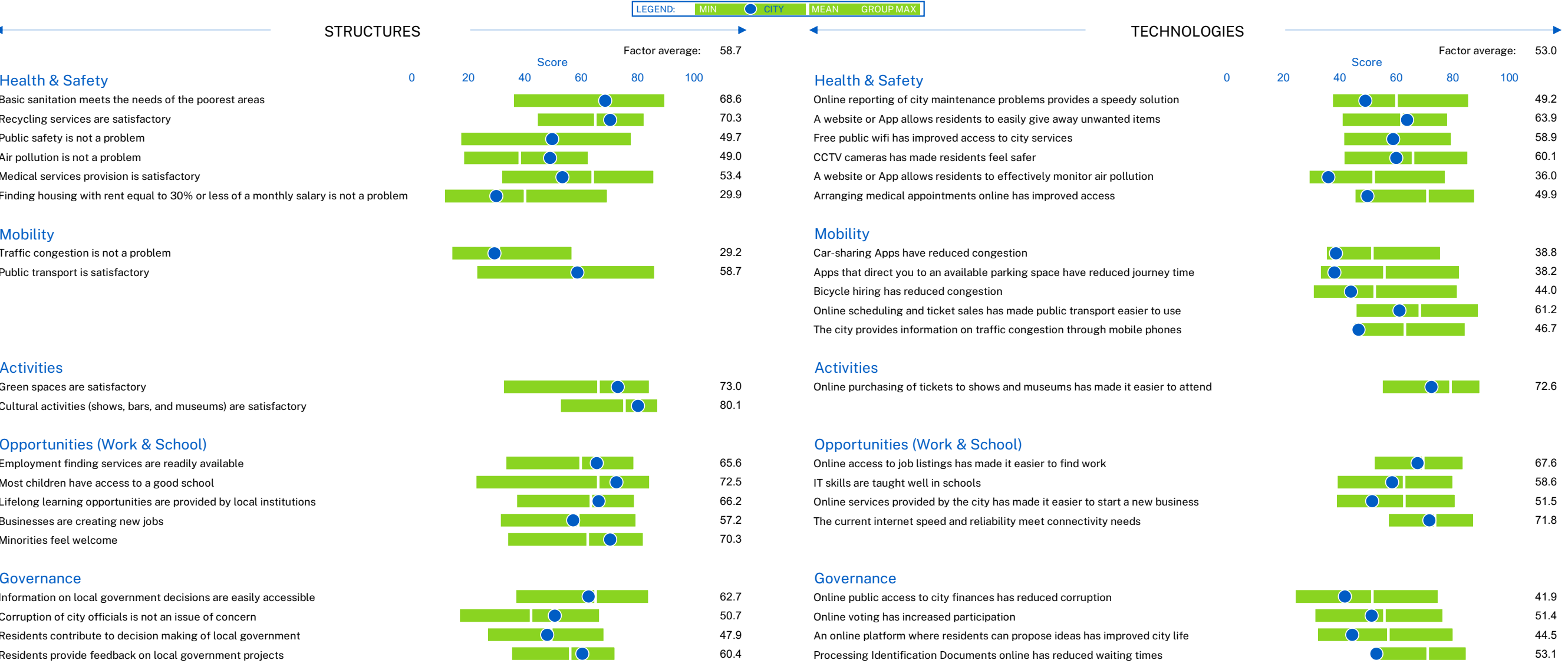
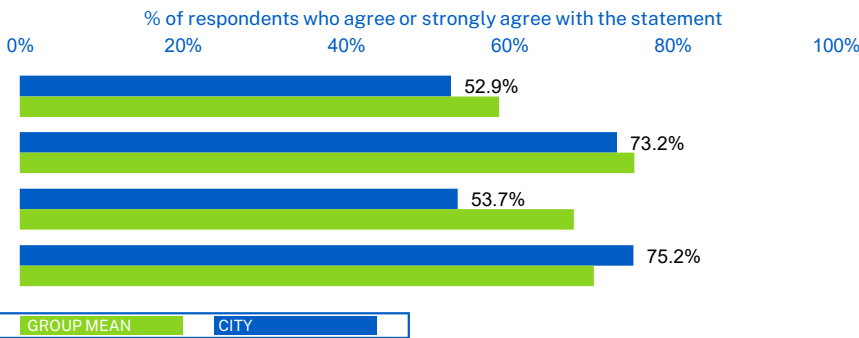
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

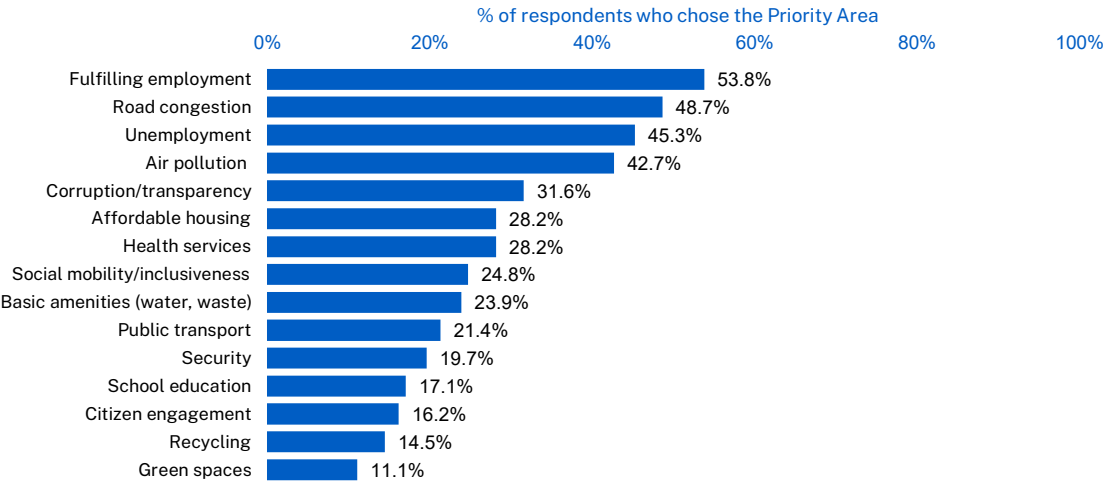
Country

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.



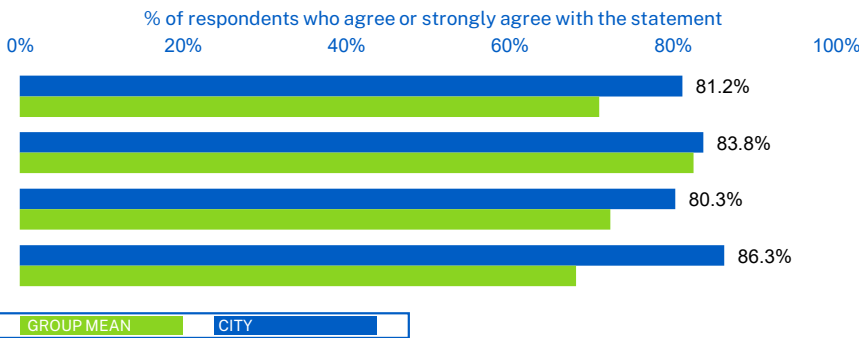
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

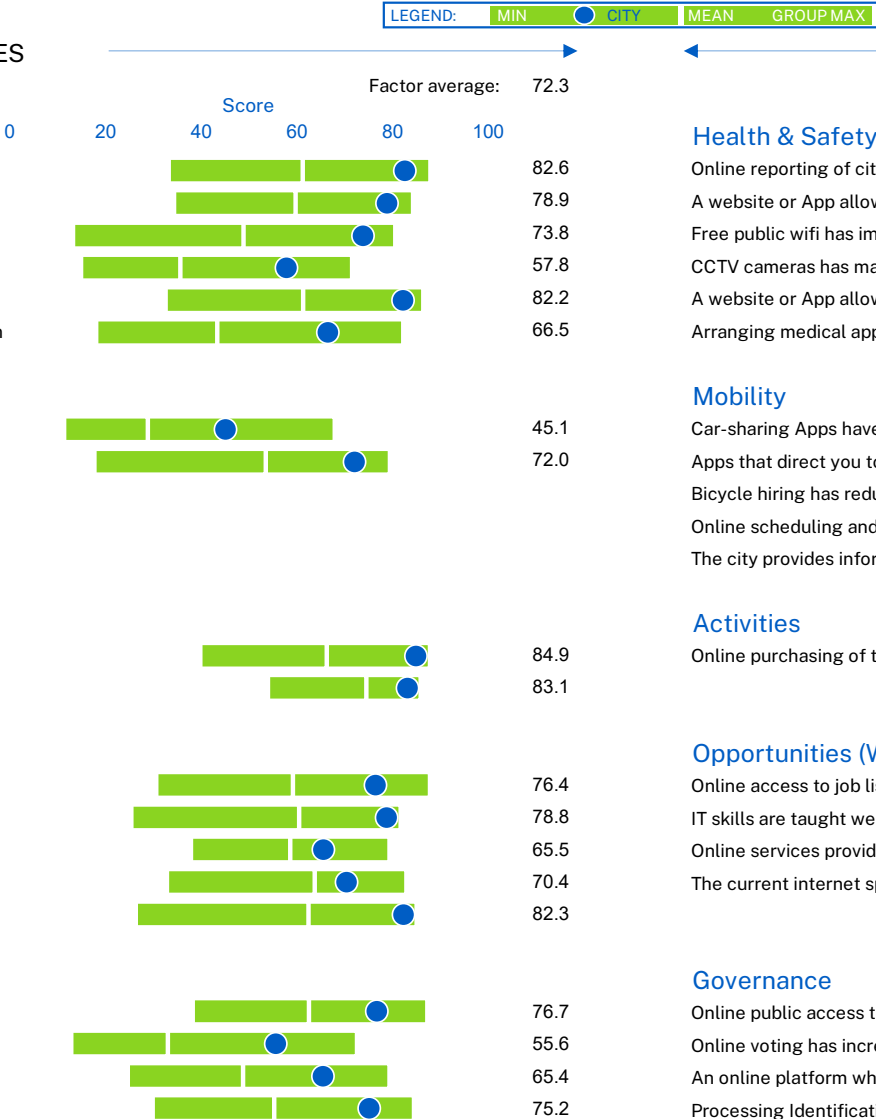
Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

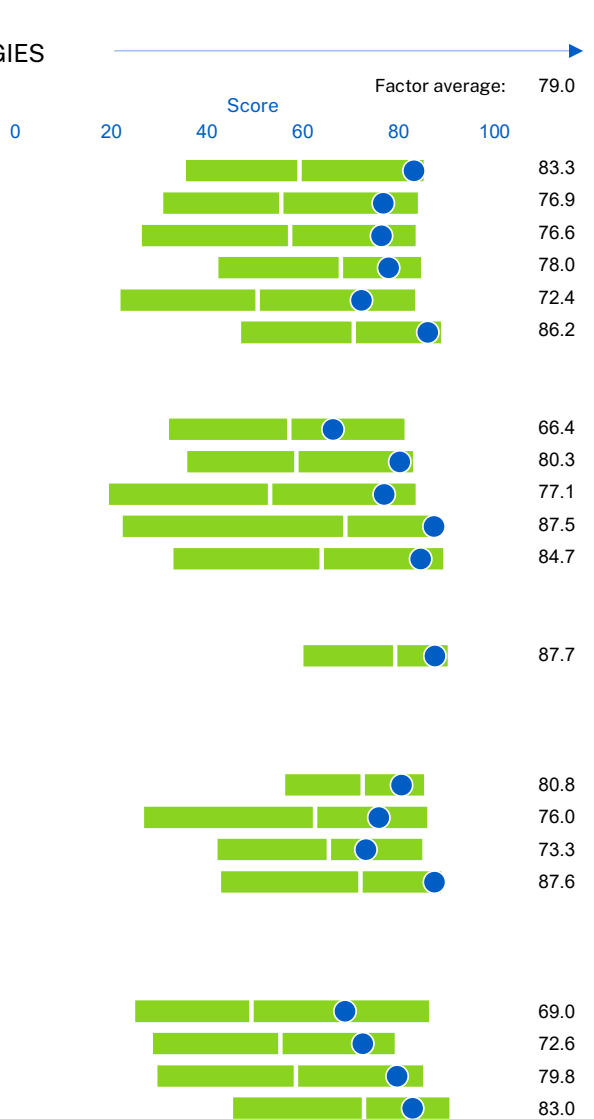
Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times



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

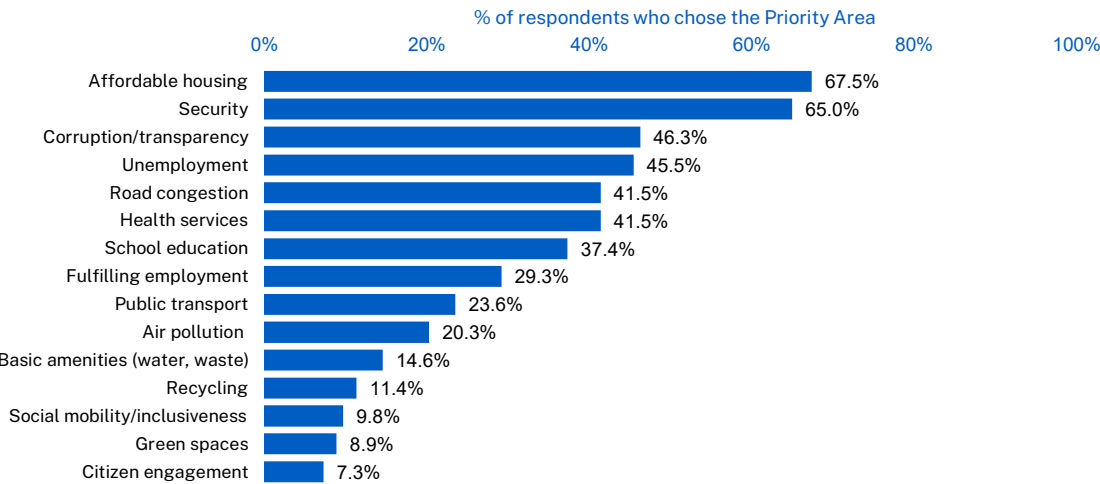
Country

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
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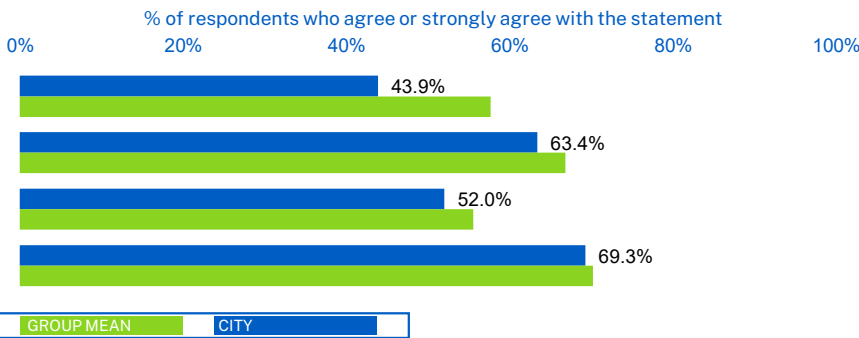
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

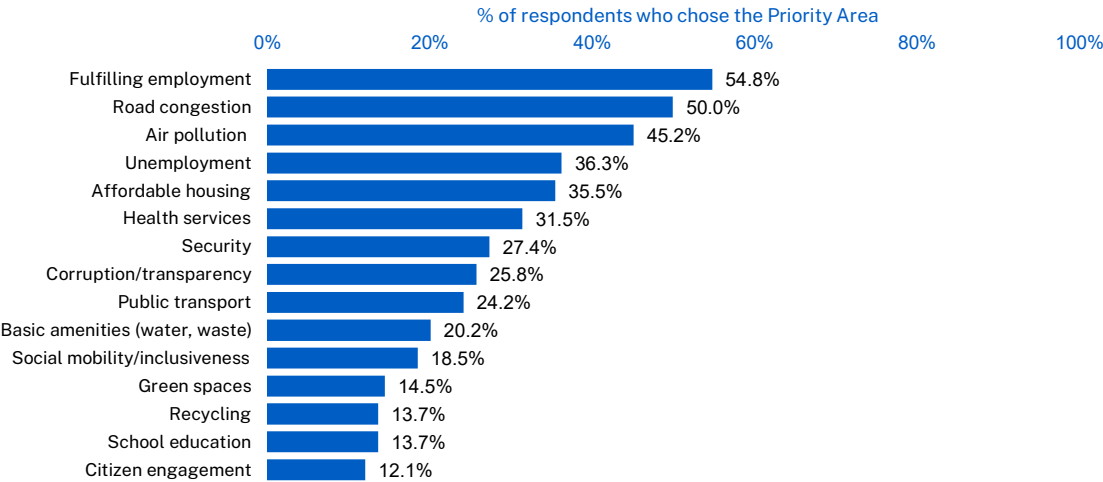
Country

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
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PRIORITY AREAS

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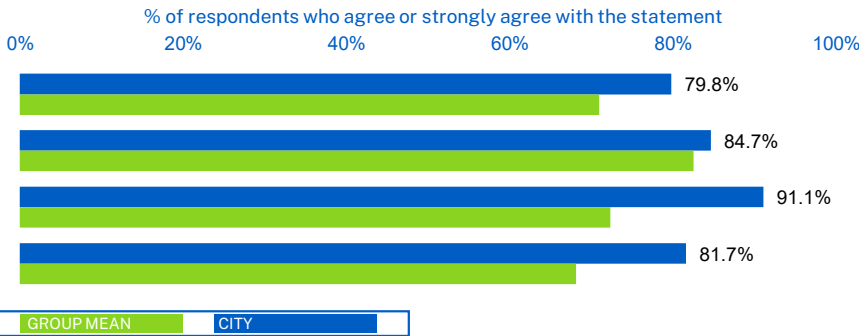
ATTITUDES

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The percentage of your day-to-day payment transactions



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

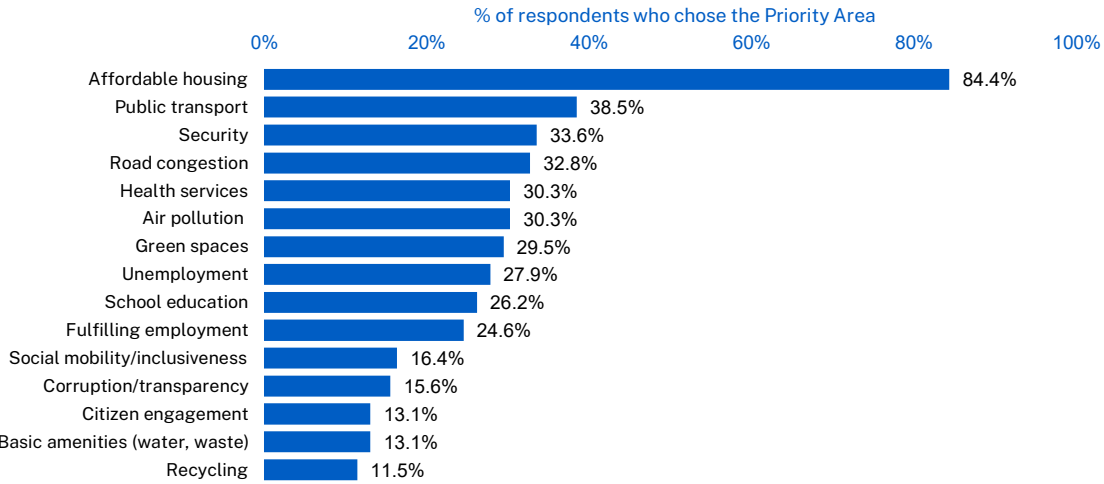
Country

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

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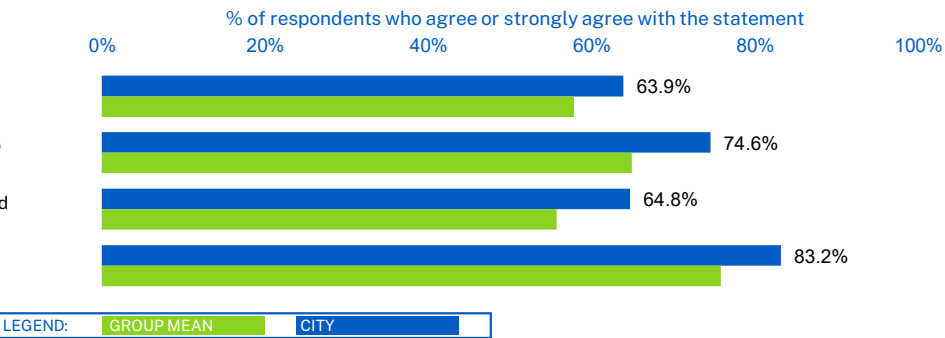
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

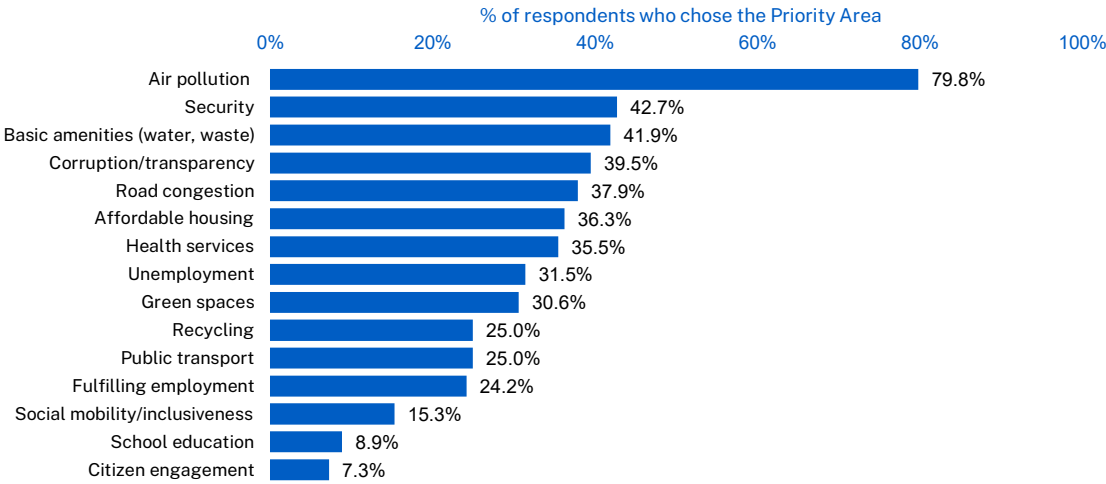
Country

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.



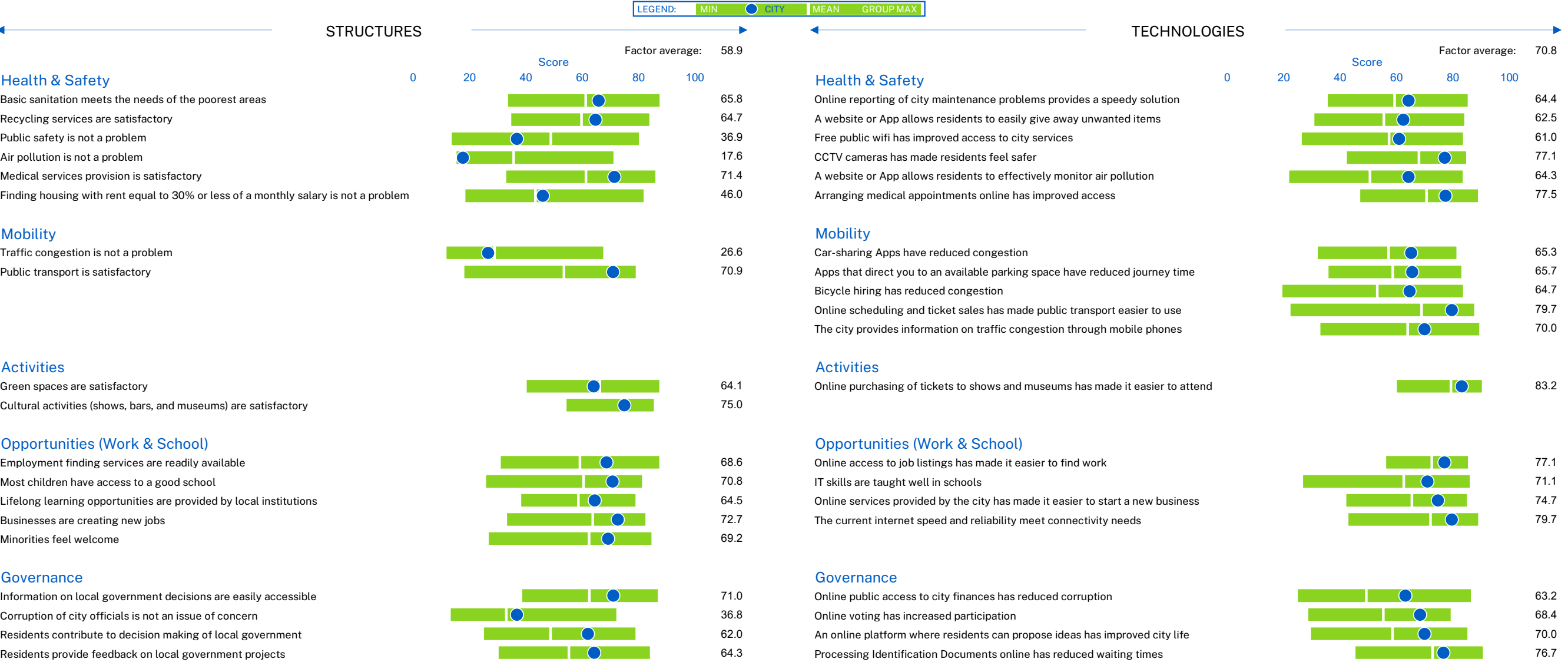
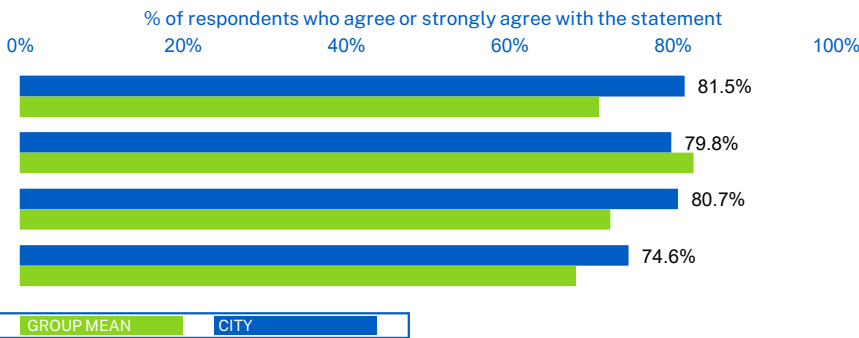
ATTITUDES

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The percentage of your day-to-day payment transactions



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

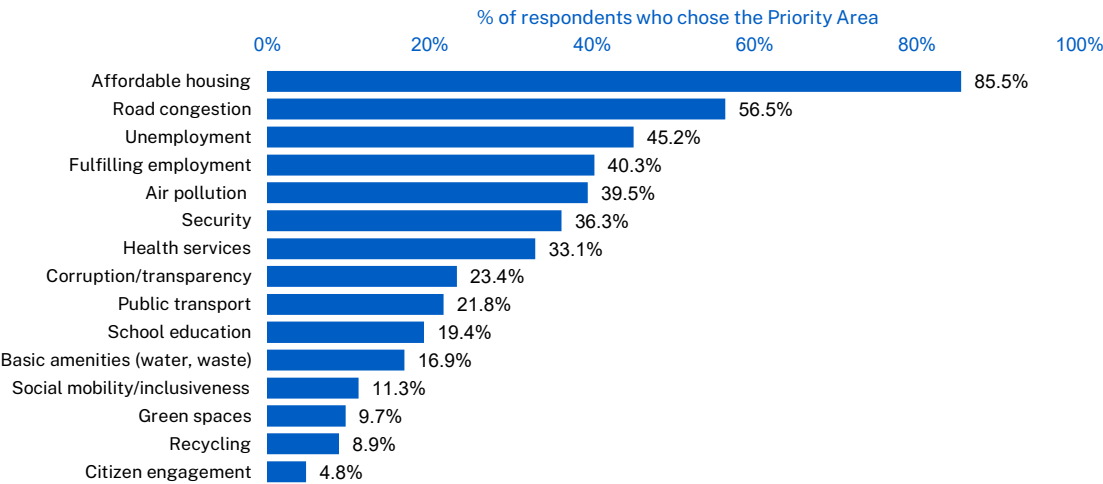
Country

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.



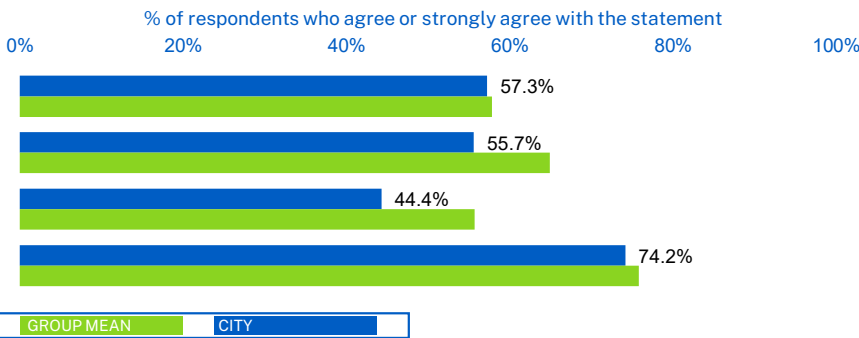
ATTITUDES

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The percentage of your day-to-day payment transactions



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

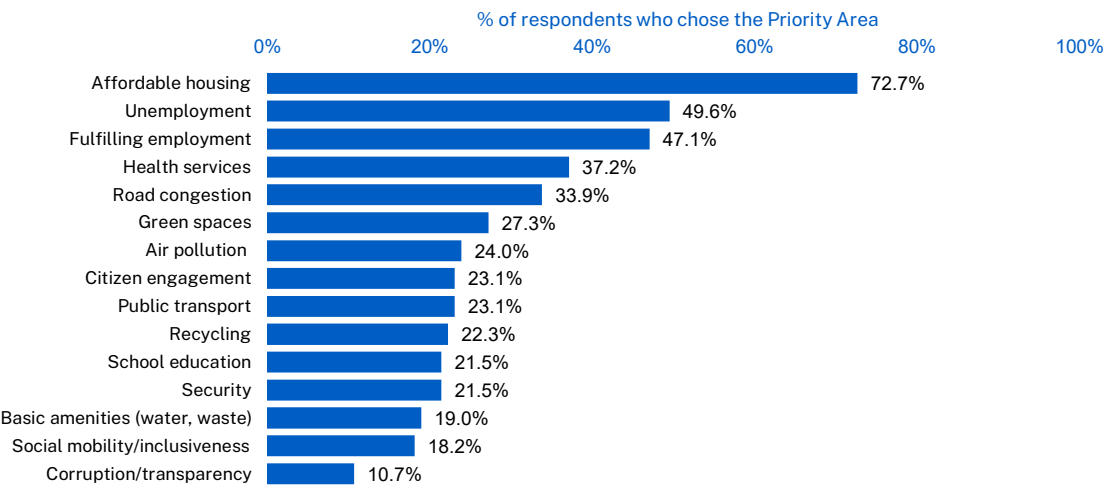
Country

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

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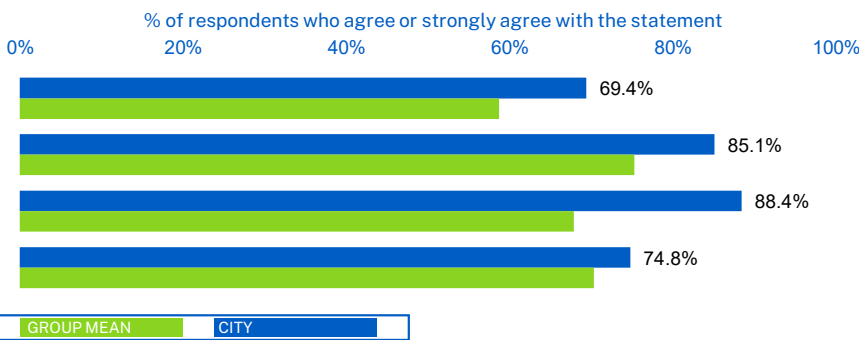
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 72.2

Score

0 20 40 60 80 100

85.9

82.7

68.3

52.5

86.1

51.2

57.1

86.4

82.6

85.3

63.0

83.0

75.0

67.9

75.9

82.1

66.9

54.9

64.9

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

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Mobility

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The city provides information on traffic congestion through mobile phones

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 73.8

Score

0 20 40 60 80 100

76.8

74.6

71.1

85.7

59.7

81.9

69.7

67.7

62.2

78.5

71.7

87.3

74.8

74.8

75.2

85.9

67.9

64.4

64.8

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)



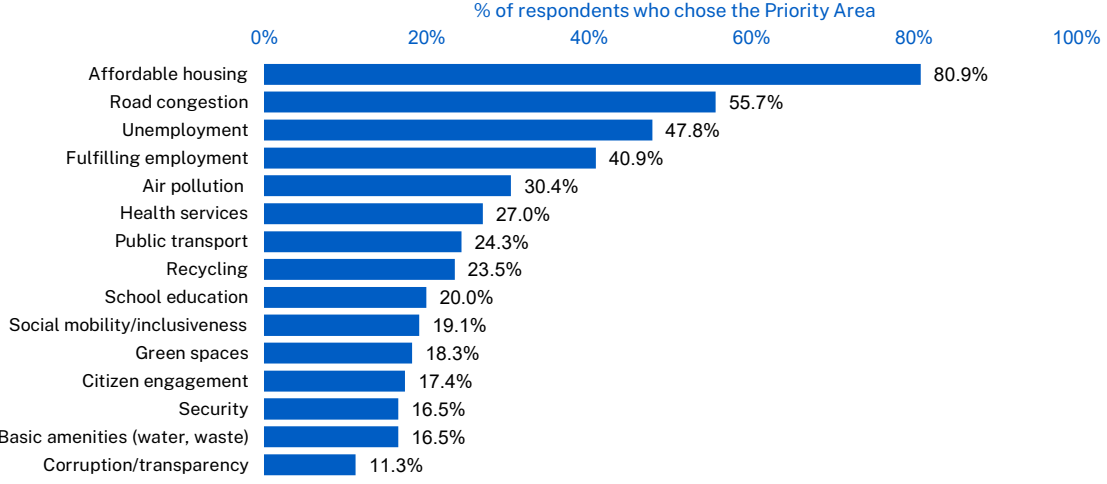
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

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.



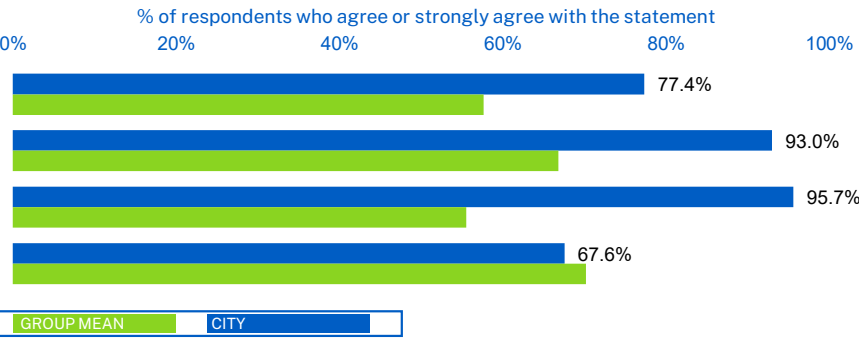
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

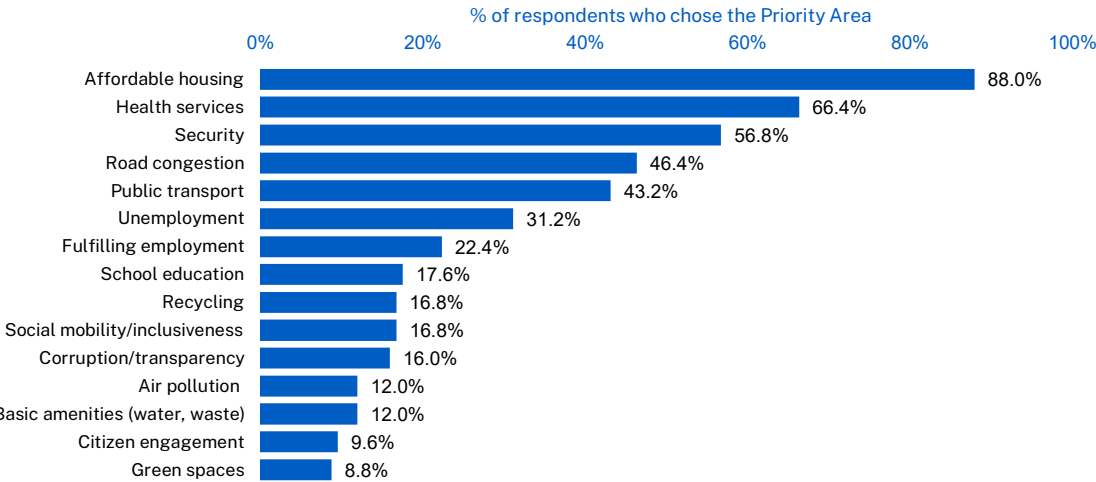
Country

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.



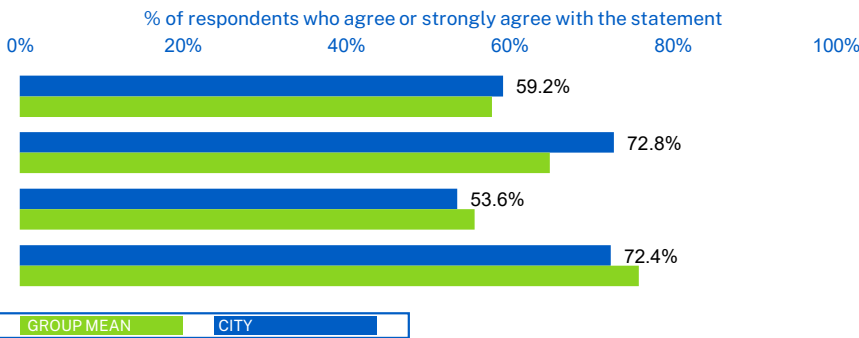
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

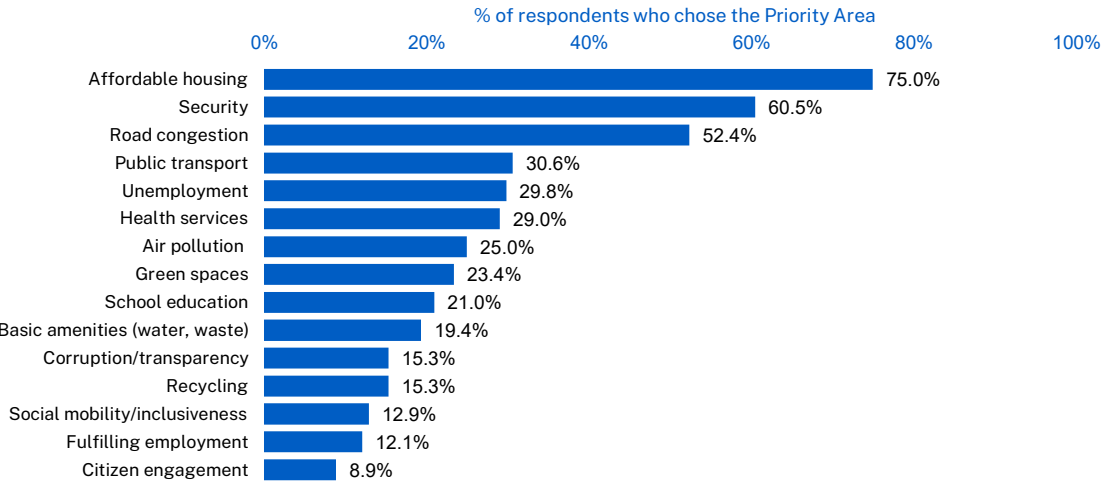
Country

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.



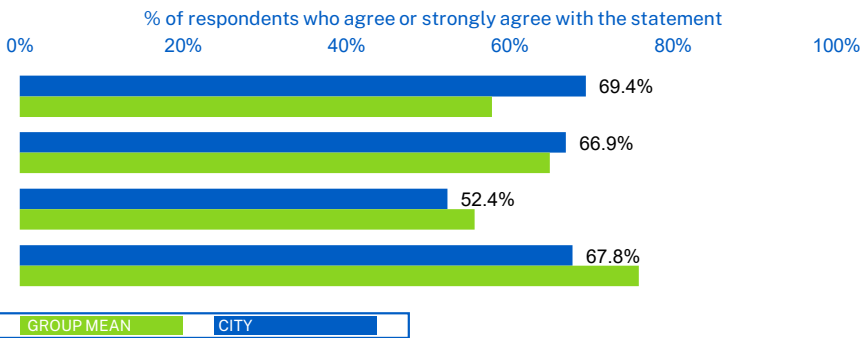
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

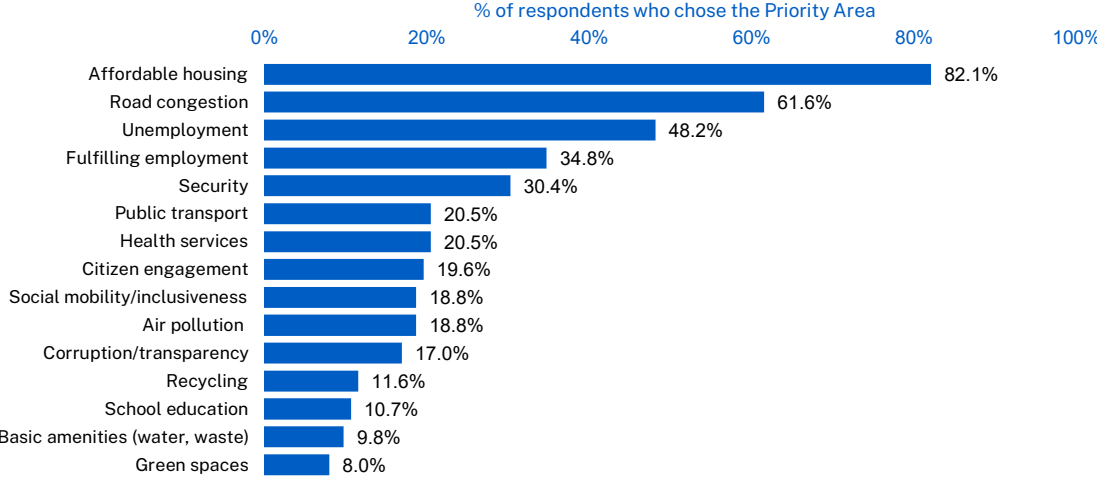
Country

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
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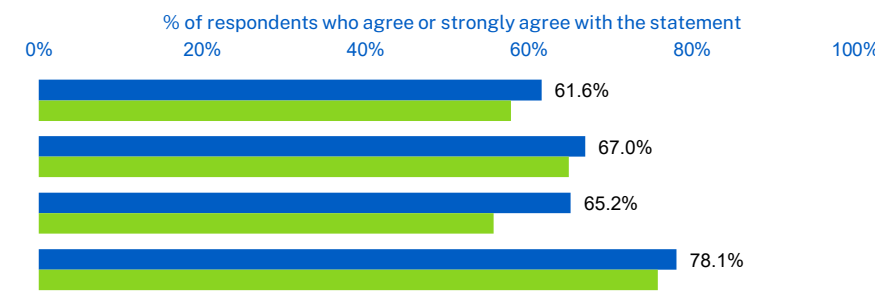
ATTITUDES

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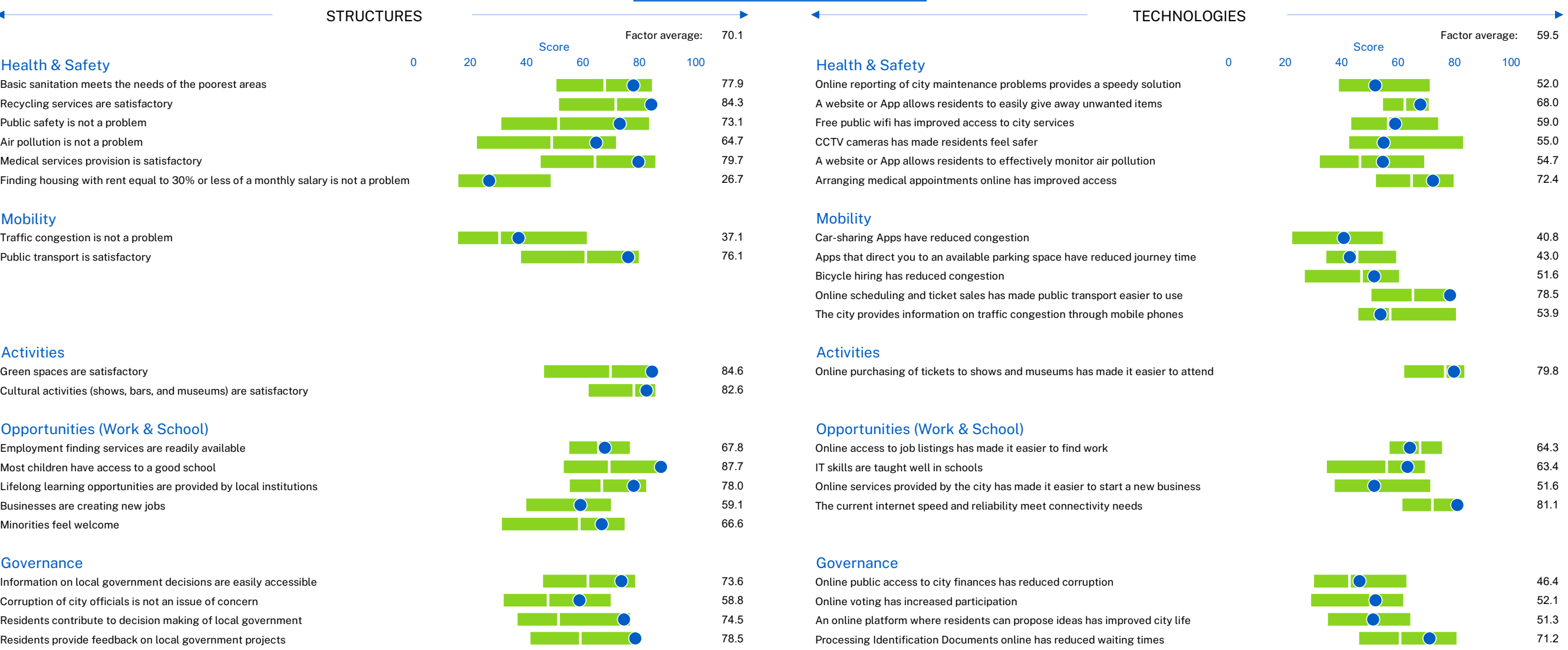
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The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

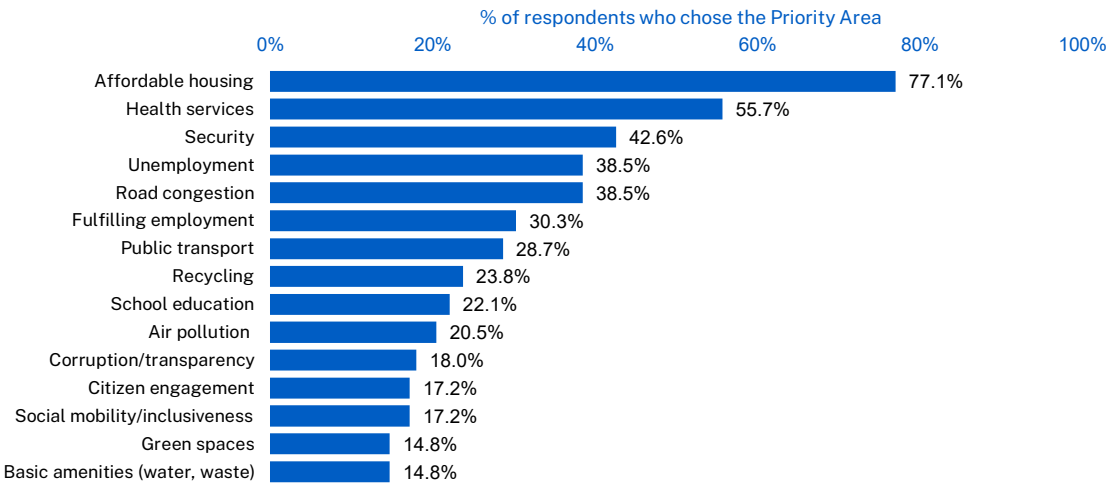
Country

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

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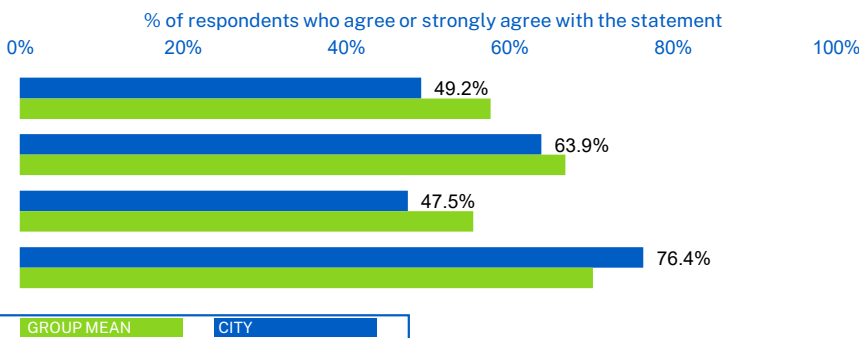
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You feel the availability of online information has increased
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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

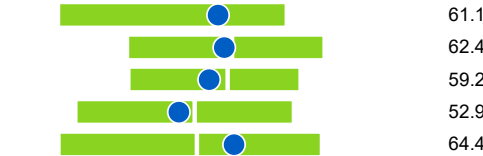
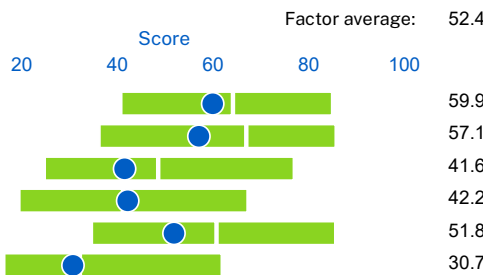
Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

STRUCTURES



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

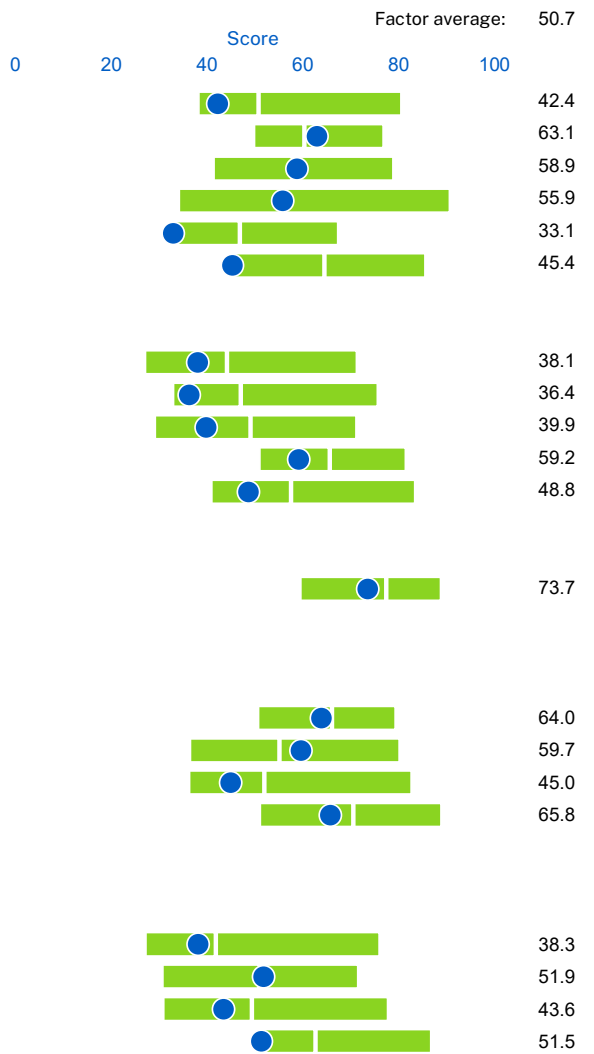
Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times



Göteborg

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

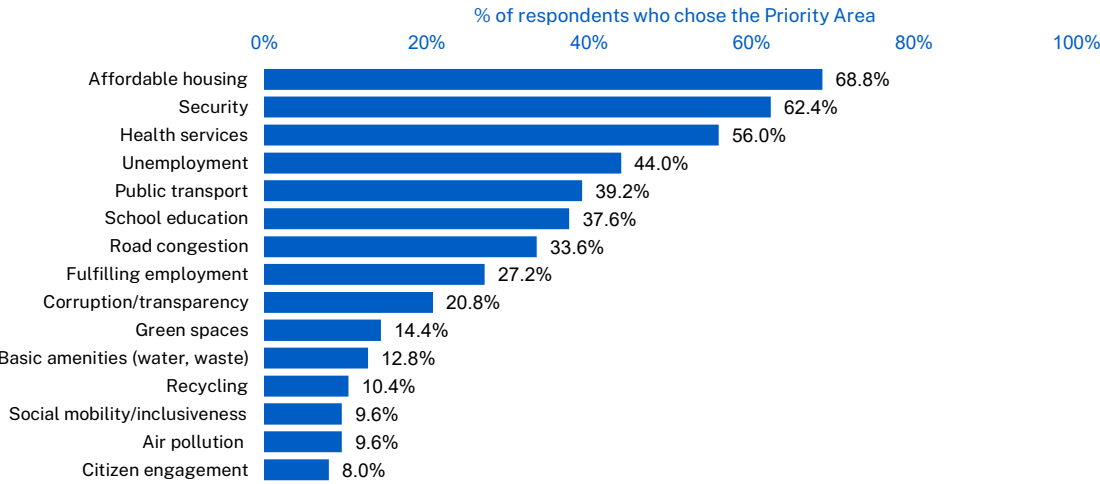
Country

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
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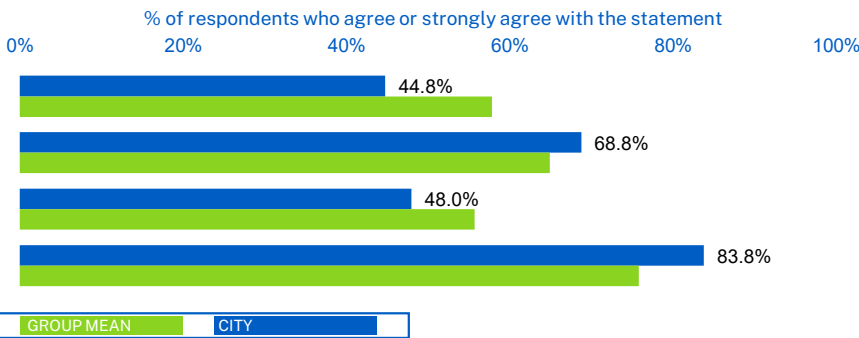
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

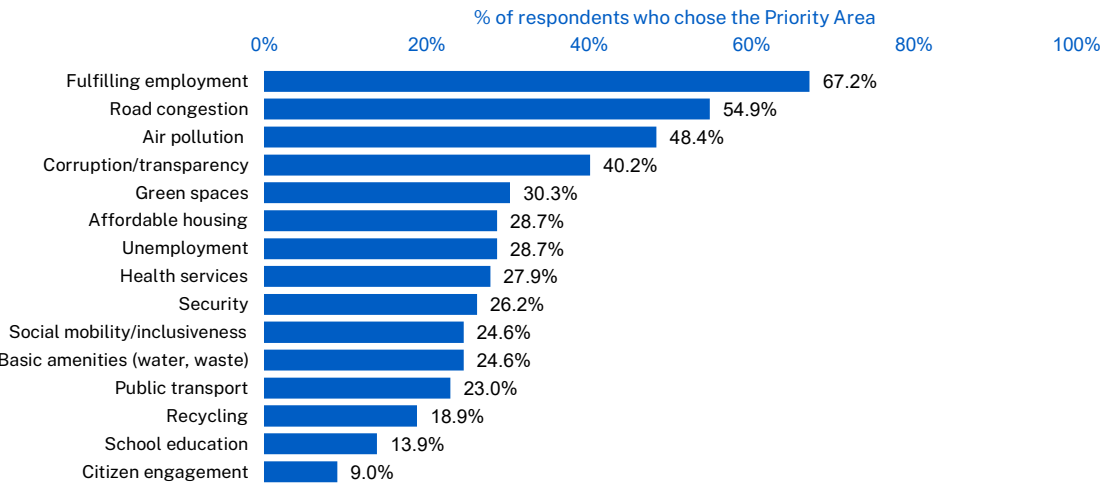
Country

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.



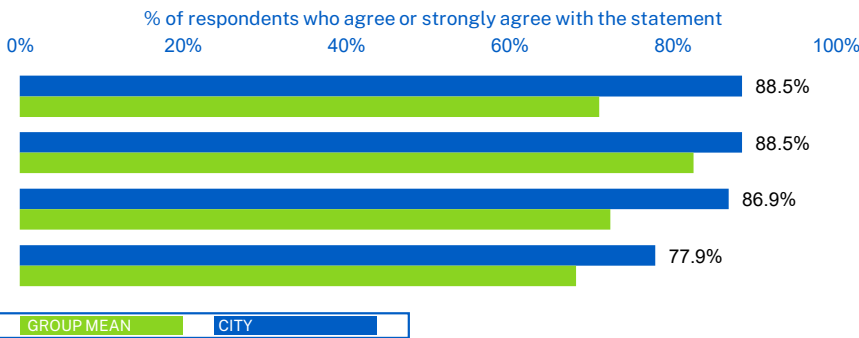
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STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 76.7

Score

0 20 40 60 80 100

87.6

78.4

76.6

66.0

84.8

75.0

54.9

73.0

84.9

84.3

81.9

80.2

71.4

79.1

83.5

82.2

61.9

71.5

79.5

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 81.4

Score

0 20 40 60 80 100

81.9

78.2

79.4

84.1

79.1

85.4

71.6

81.3

78.8

86.0

86.8

88.9

81.5

79.7

79.4

87.8

72.2

77.1

80.8

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

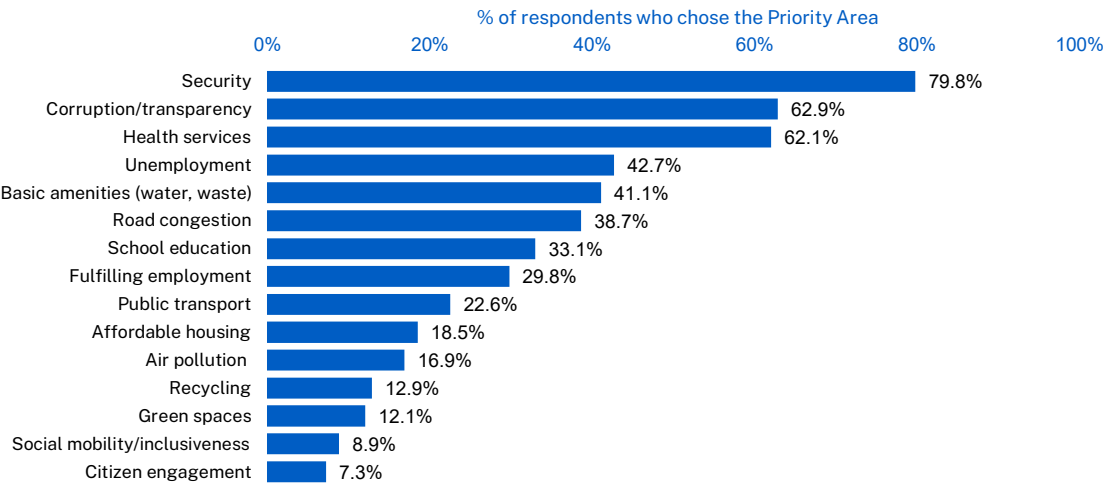
Country

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.



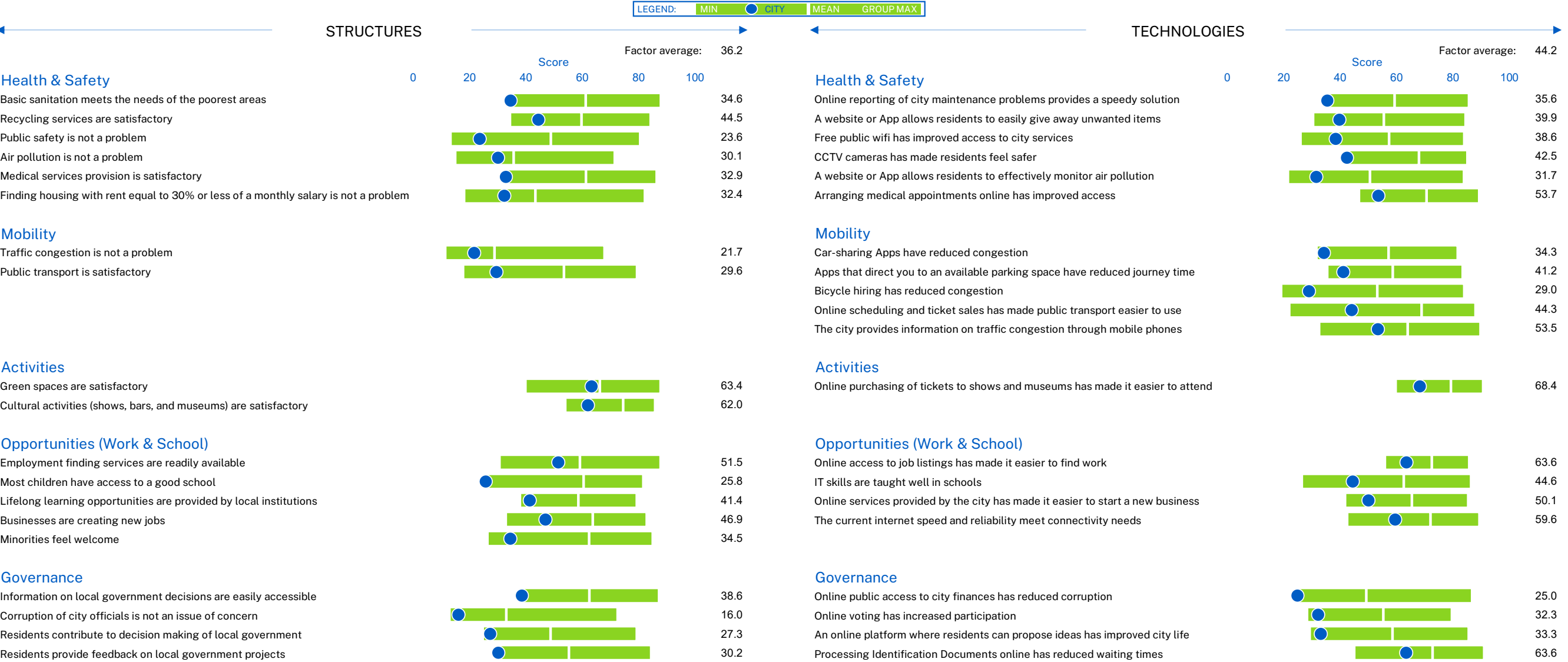
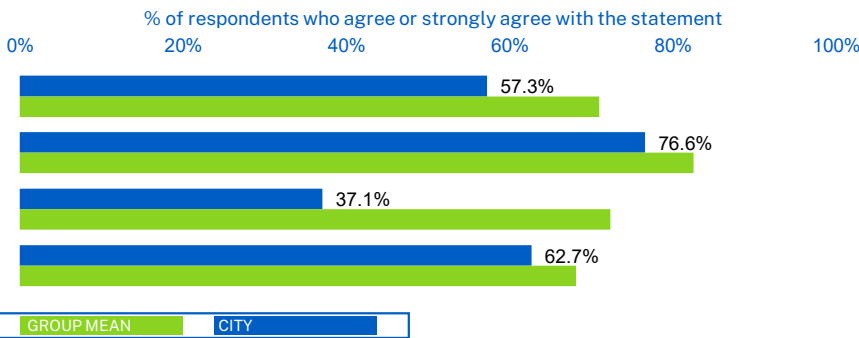
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

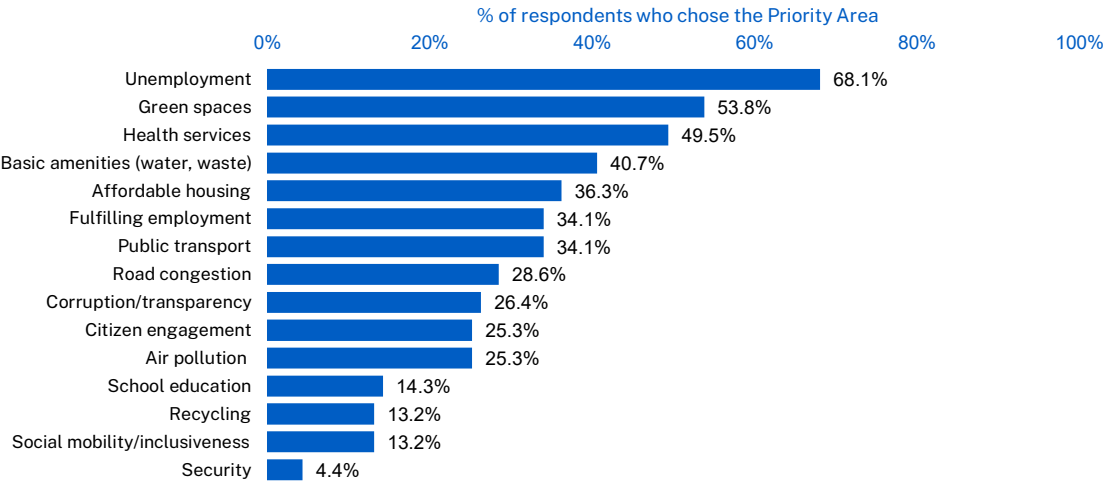
Country

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.



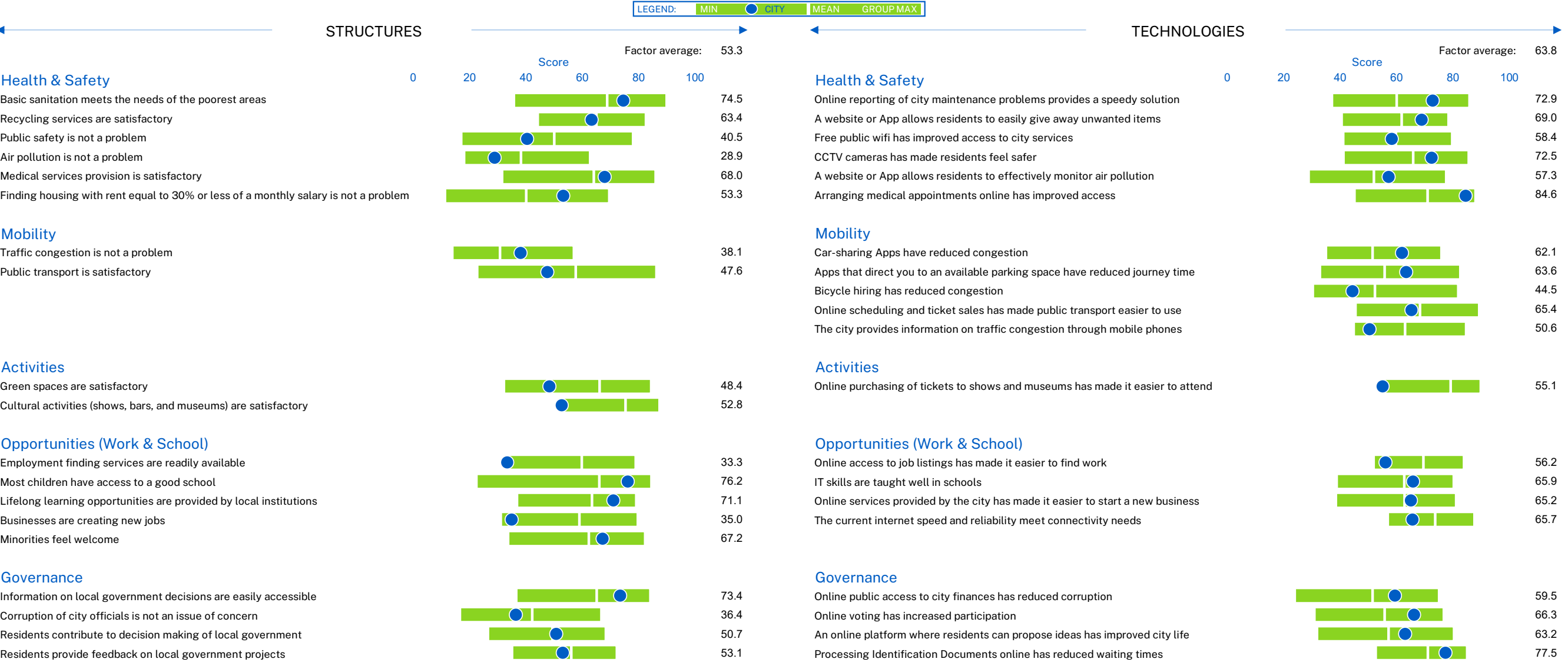
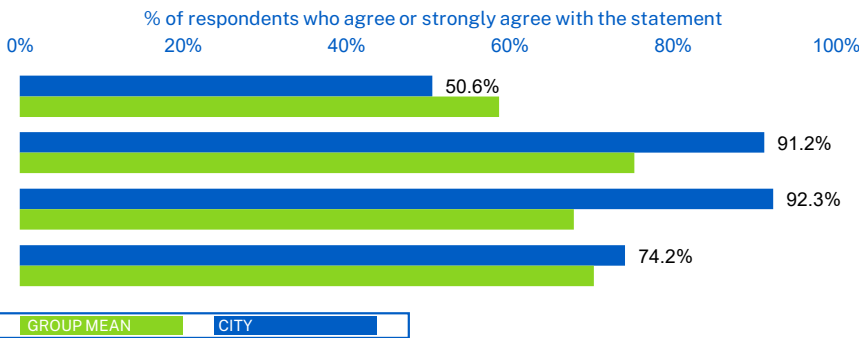
ATTITUDES

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The percentage of your day-to-day payment transactions



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

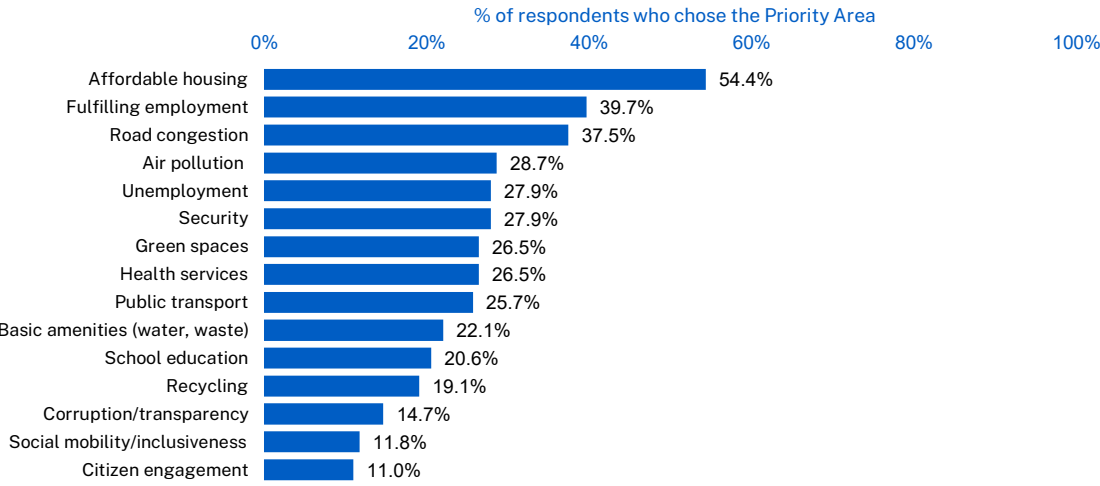
Country

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

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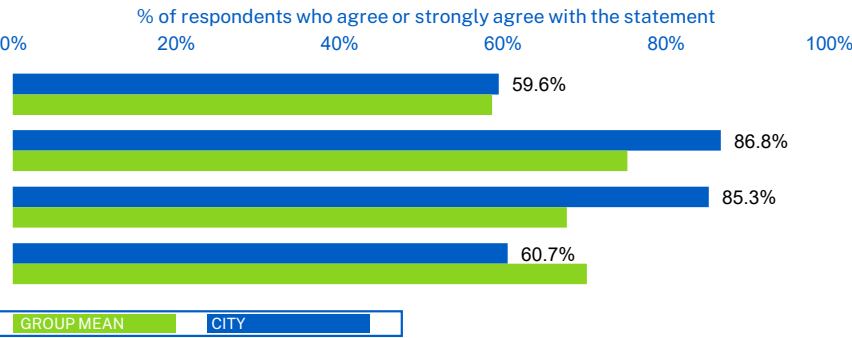
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LEGEND: GROUP MEAN CITY



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

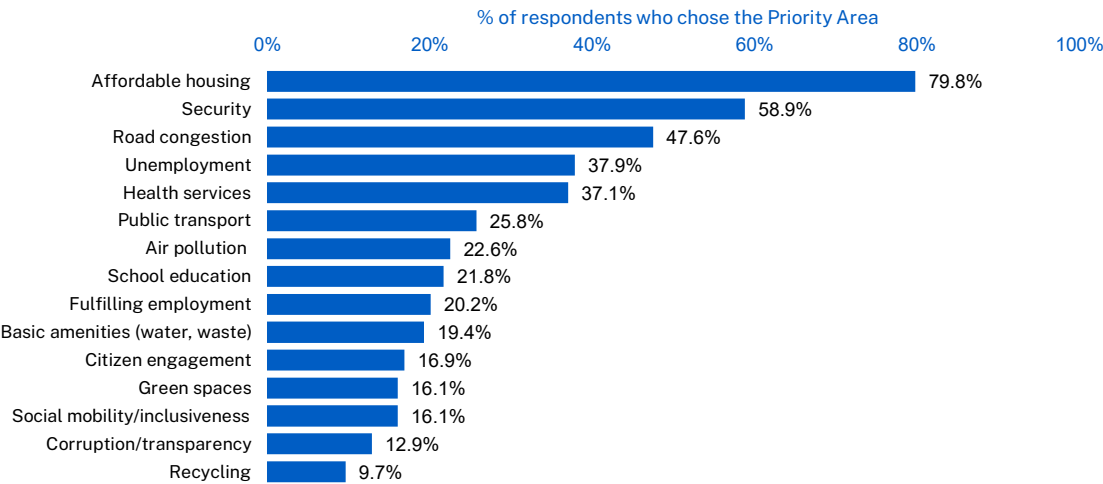
Country

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
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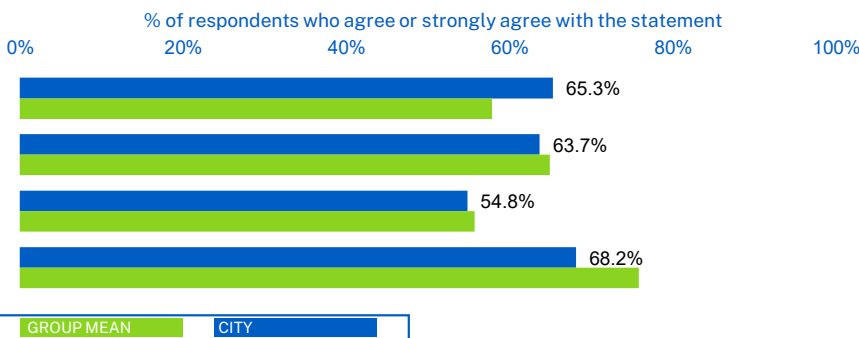
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The percentage of your day-to-day payment transactions



STRUCTURES

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Basic sanitation meets the needs of the poorest areas

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Air pollution is not a problem

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Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

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Businesses are creating new jobs

Minorities feel welcome

Governance

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Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 58.8

Score

0 20 40 60 80 100

67.7

74.4

48.3

47.7

65.1

23.1

30.0

62.7

71.2

83.7

63.4

66.3

63.2

62.4

60.9

58.8

56.5

54.4

56.7

TECHNOLOGIES

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Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

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Governance

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Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 51.8

Score

0 20 40 60 80 100

46.1

59.1

56.3

42.8

43.2

52.6

40.8

40.9

47.7

65.2

55.4

76.5

66.9

47.3

45.3

63.3

38.8

49.6

45.1

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

HDI

Life expectancy at birth

Expected years of schooling

Mean years of schooling

GNI per capita (PPP \$)

2019

2020

2021

2022

2023

1 yr +/-

0.781

0.786

0.794

0.796

0.797

+0.001

77.9

78.0

78.1

78.2

78.0

-0.25

15.0

15.2

15.5

15.5

15.5

+0.00

7.9

7.9

8.0

8.0

8.0

+0.00

18,414

18,683

20,265

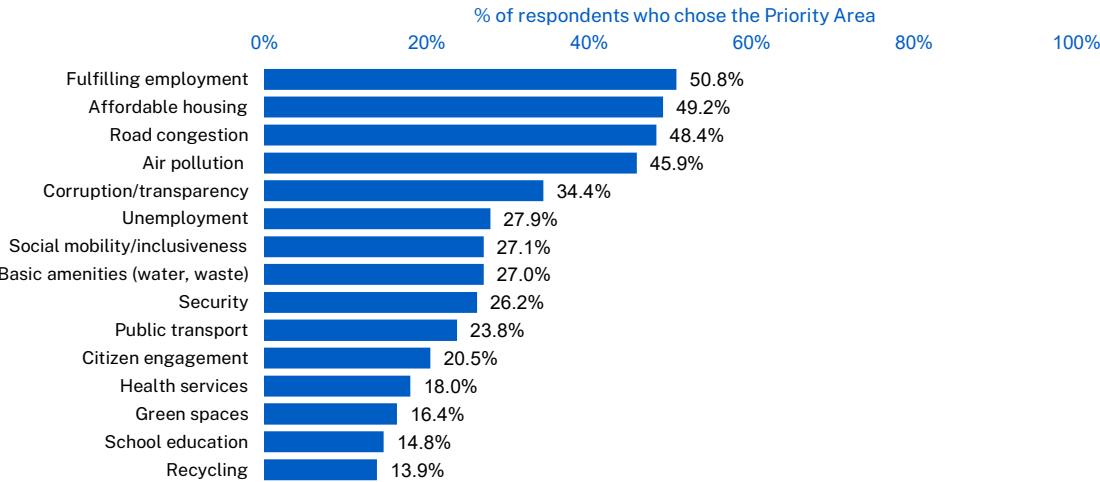
20,889

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.



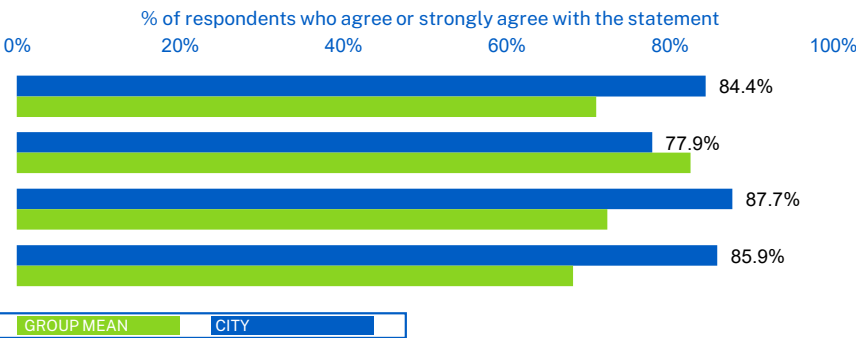
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 75.2

Score

0 20 40 60 80 100

87.4

79.1

80.1

65.0

82.5

67.1

46.9

70.9

86.8

85.6

82.5

81.1

72.8

78.3

79.9

80.0

57.1

70.0

76.5

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 80.7

Score

0 20 40 60 80 100

83.8

77.2

80.6

80.3

75.7

87.2

67.2

81.4

80.6

87.1

83.1

90.8

82.4

78.0

79.5

88.3

70.1

75.1

80.3

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

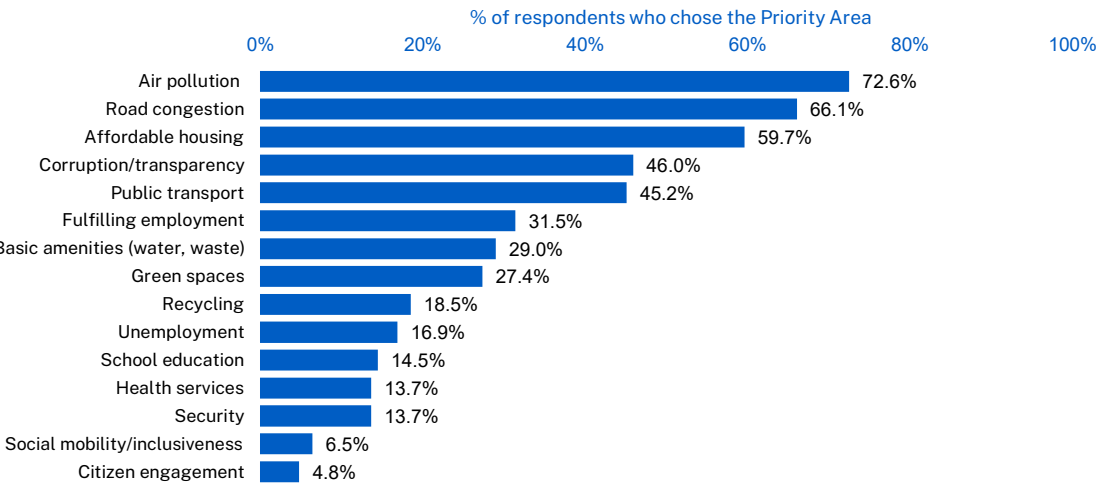
Country

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.



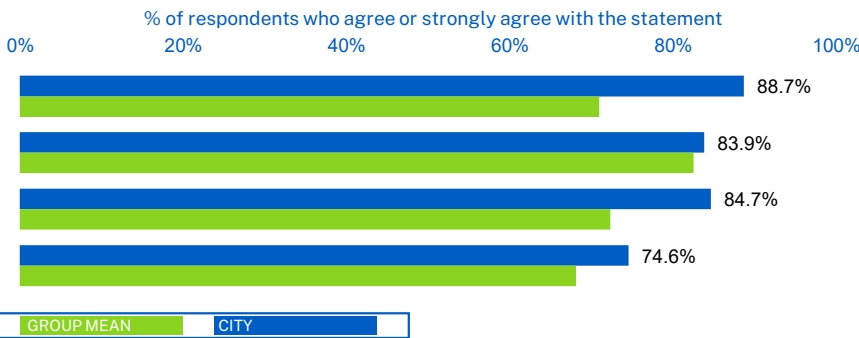
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

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The percentage of your day-to-day payment transactions



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

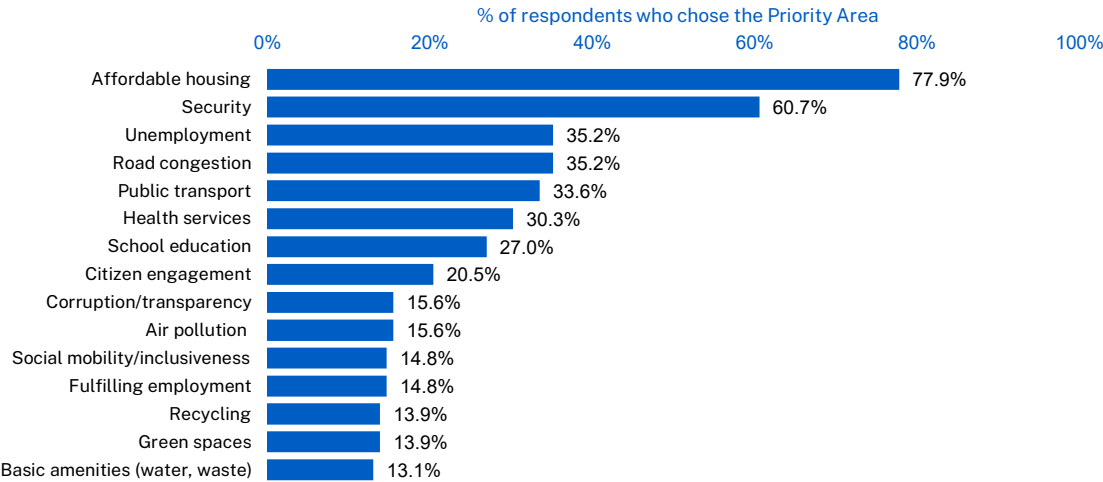
Country

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.



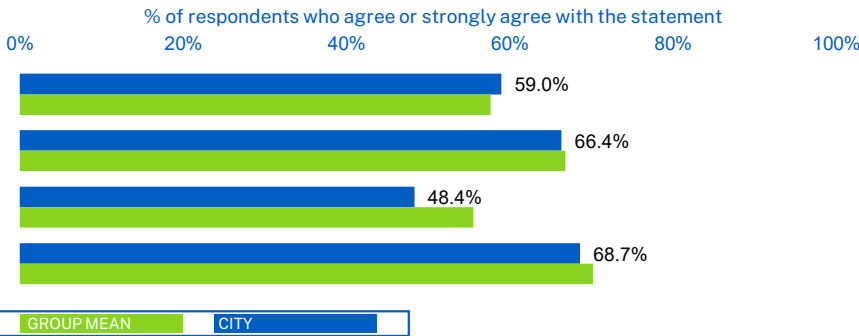
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STRUCTURES

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Mobility

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Public transport is satisfactory

Activities

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Opportunities (Work & School)

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Businesses are creating new jobs

Minorities feel welcome

Governance

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Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 59.8

Score

0 20 40 60 80 100

71.2

76.3

49.8

57.6

70.2

31.5

43.8

64.1

75.4

78.4

61.3

64.4

59.7

54.6

56.0

58.5

55.3

52.3

55.3

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

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Mobility

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Activities

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Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 50.9

Score

0 20 40 60 80 100

47.3

54.1

50.4

42.5

38.1

55.9

42.1

41.8

46.5

65.5

52.9

73.1

65.8

47.4

44.0

65.9

39.2

49.1

45.0

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

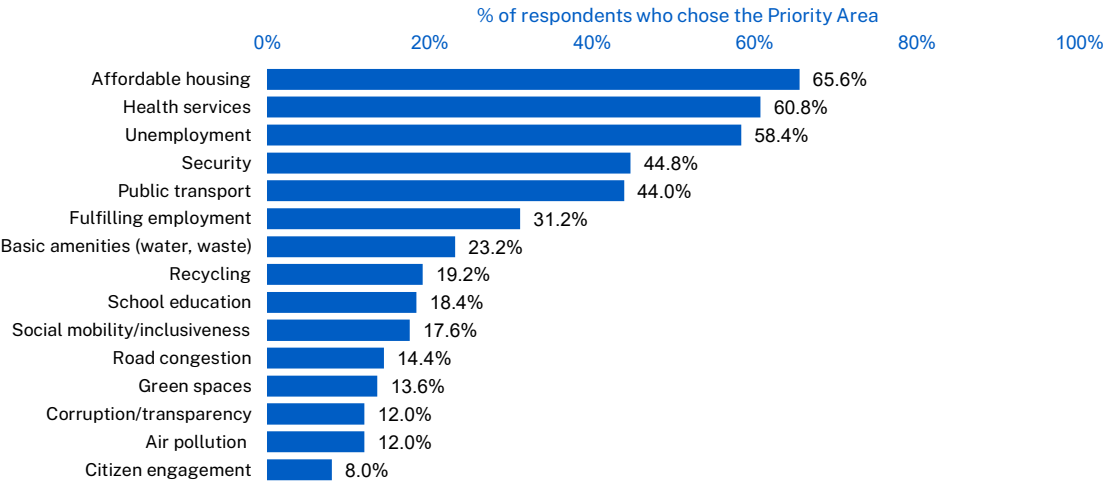
Country

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.



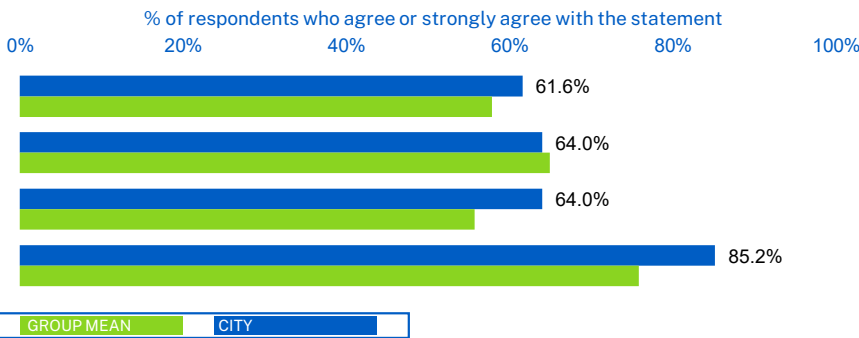
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

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Residents contribute to decision making of local government

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TECHNOLOGIES

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IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

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

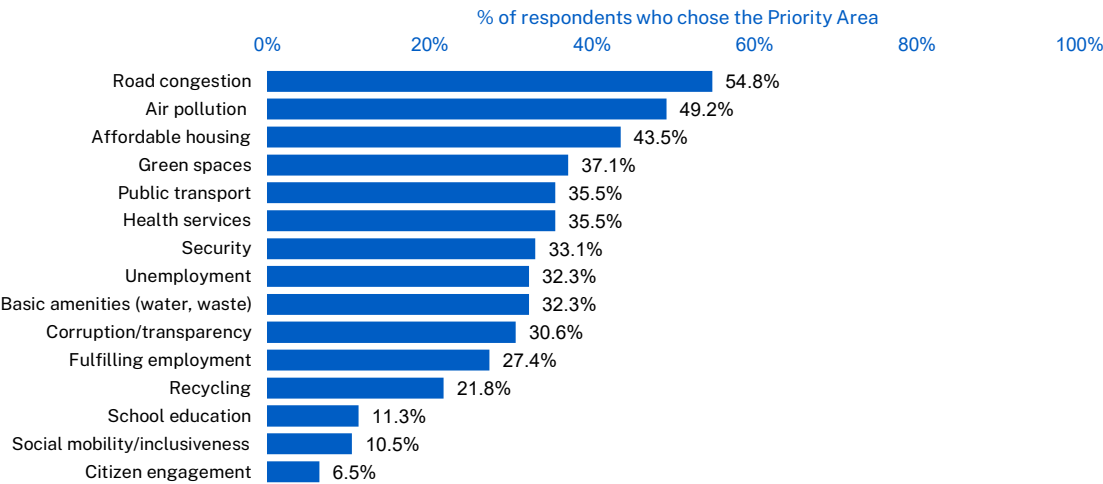
Country

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.



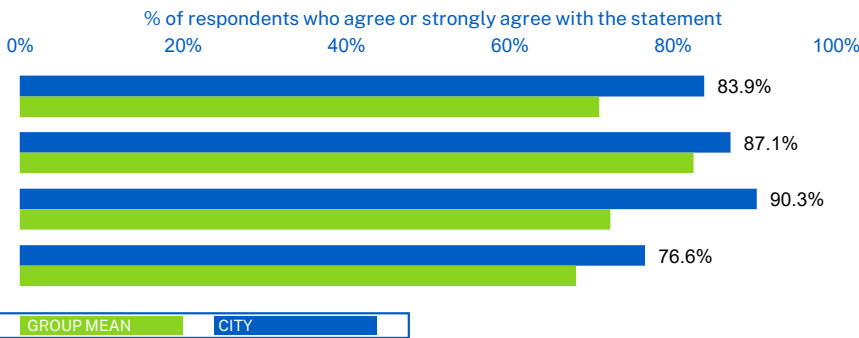
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

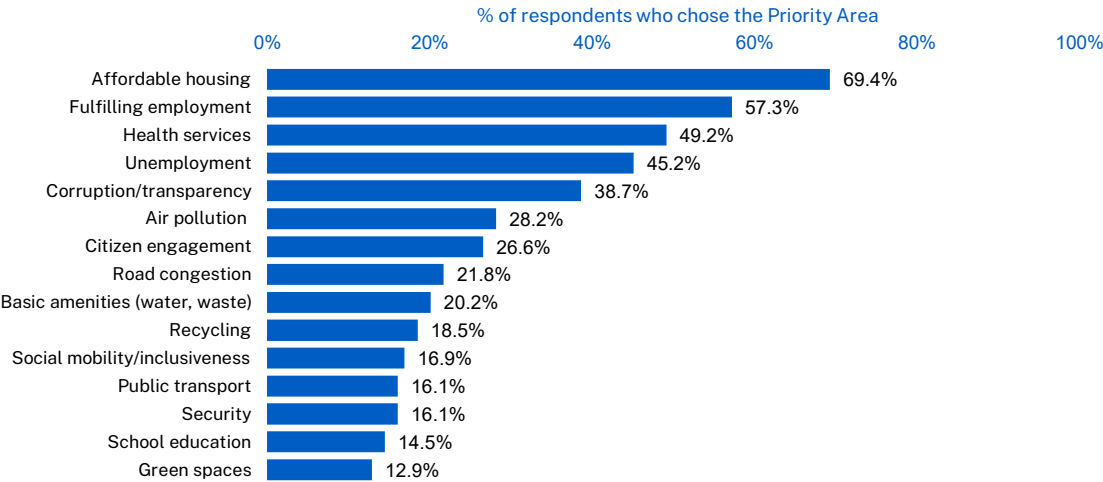
Country

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.



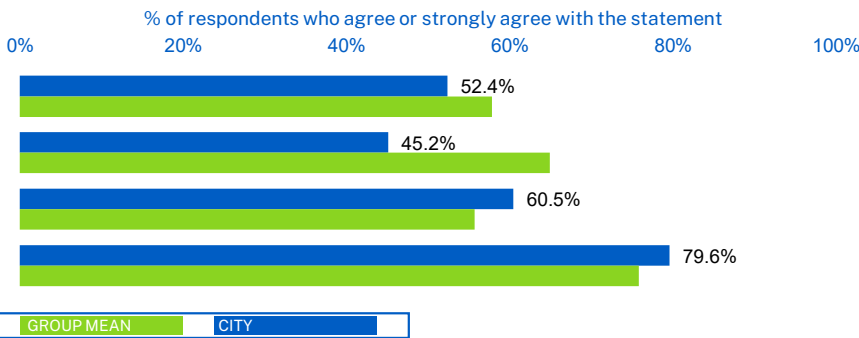
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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

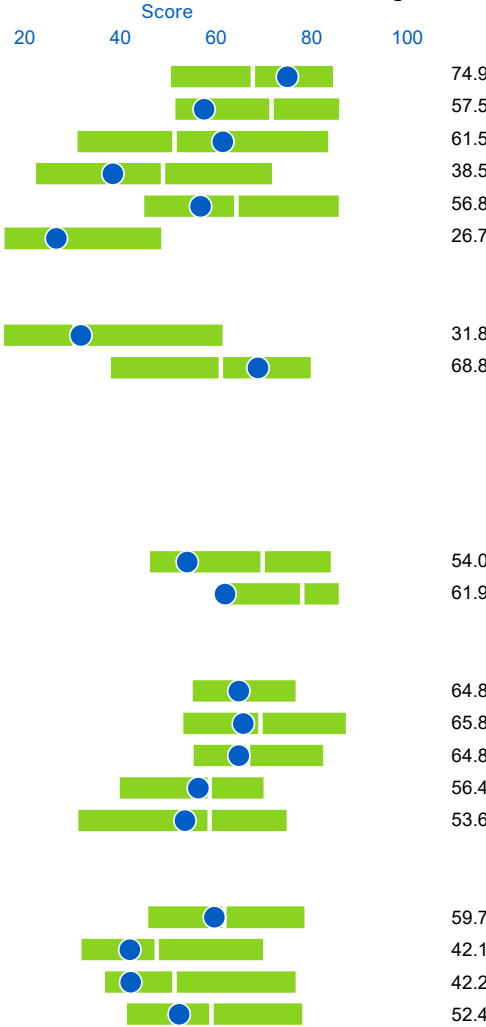
Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 54.4



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

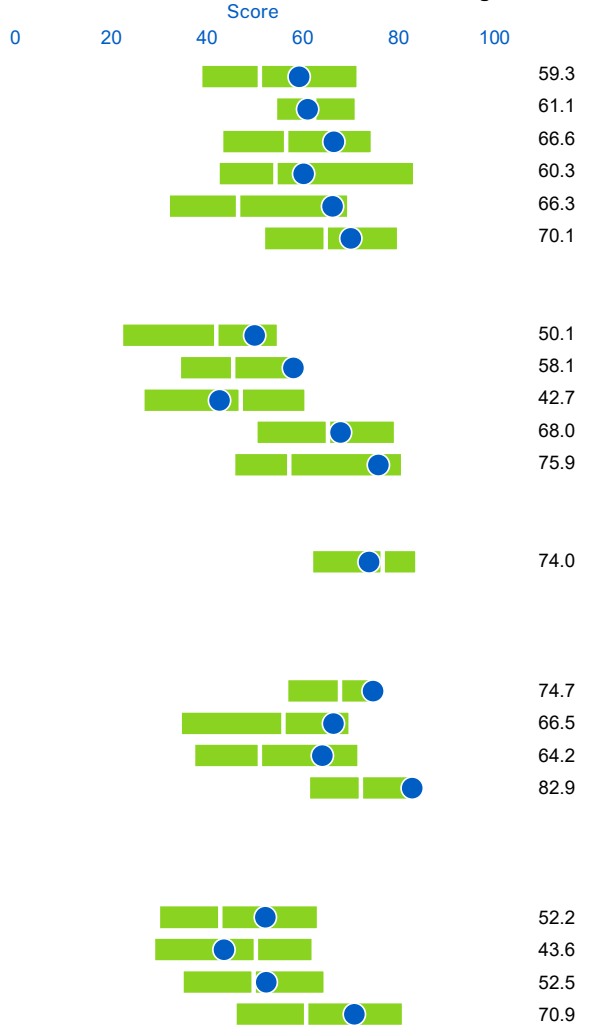
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 63.0



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

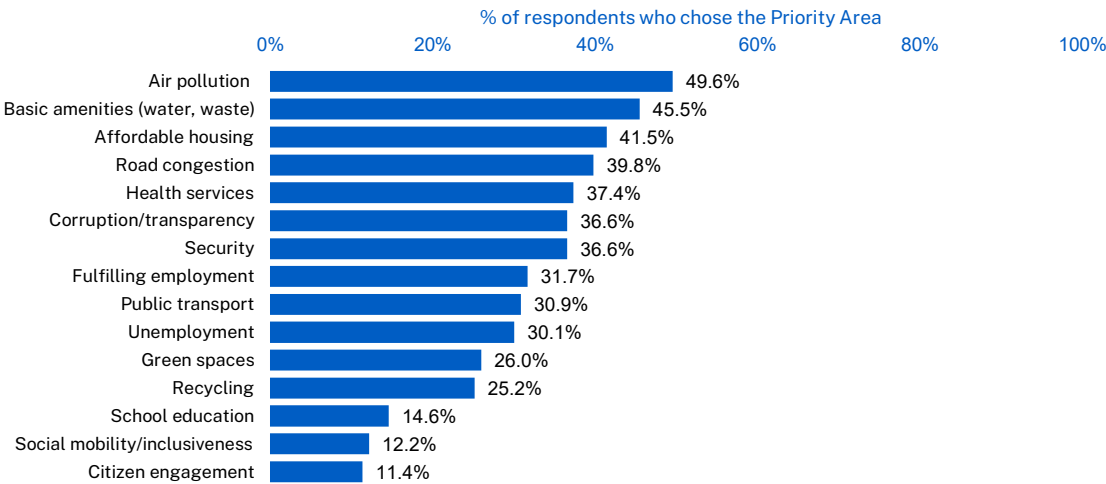
Country

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.



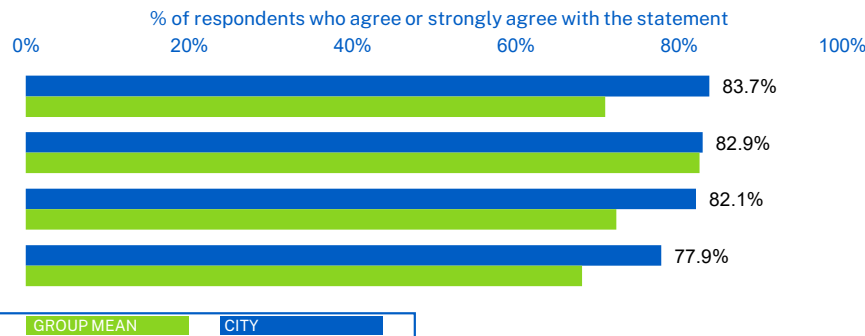
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The percentage of your day-to-day payment transactions



STRUCTURES

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Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

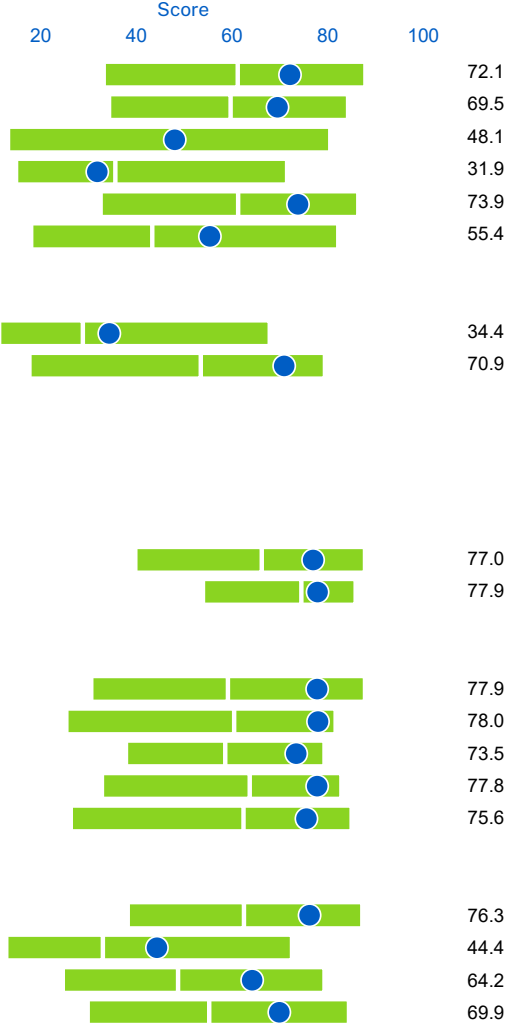
Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 65.7



TECHNOLOGIES

Health & Safety

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Opportunities (Work & School)

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Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

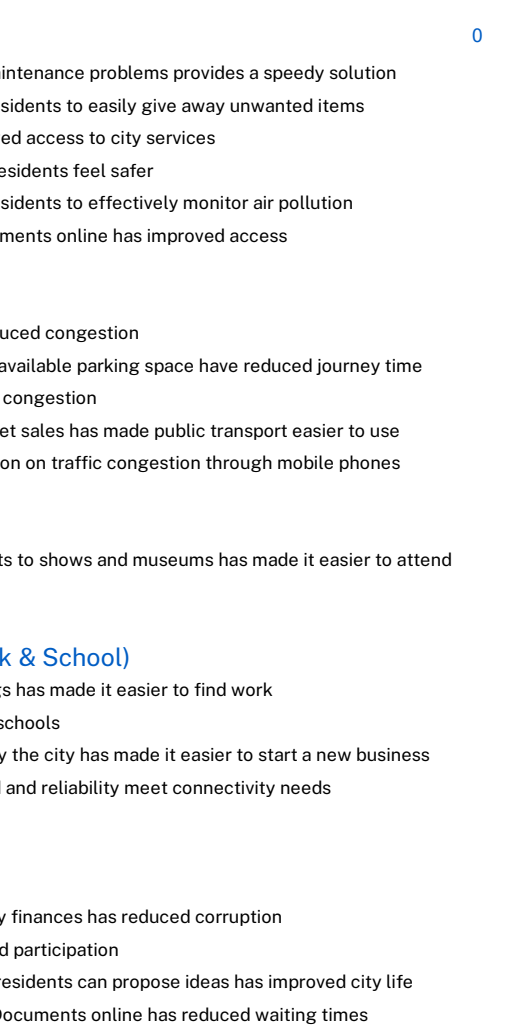
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 72.3



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

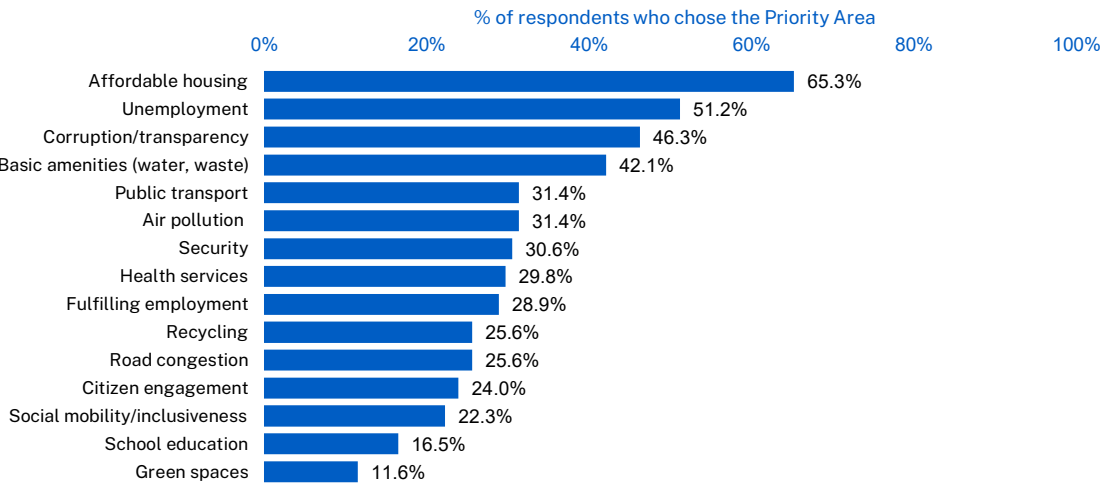
Country

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.



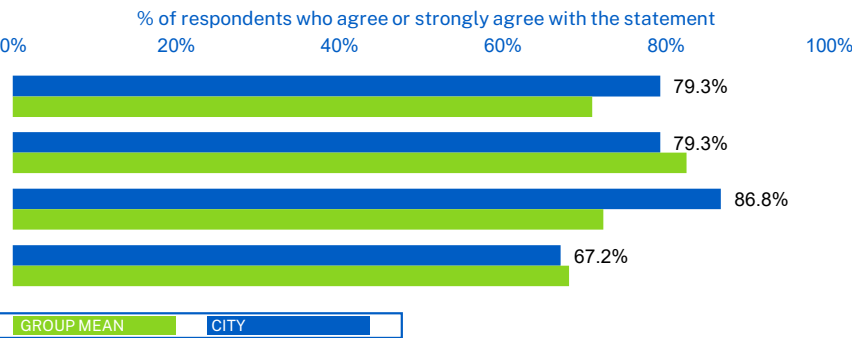
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

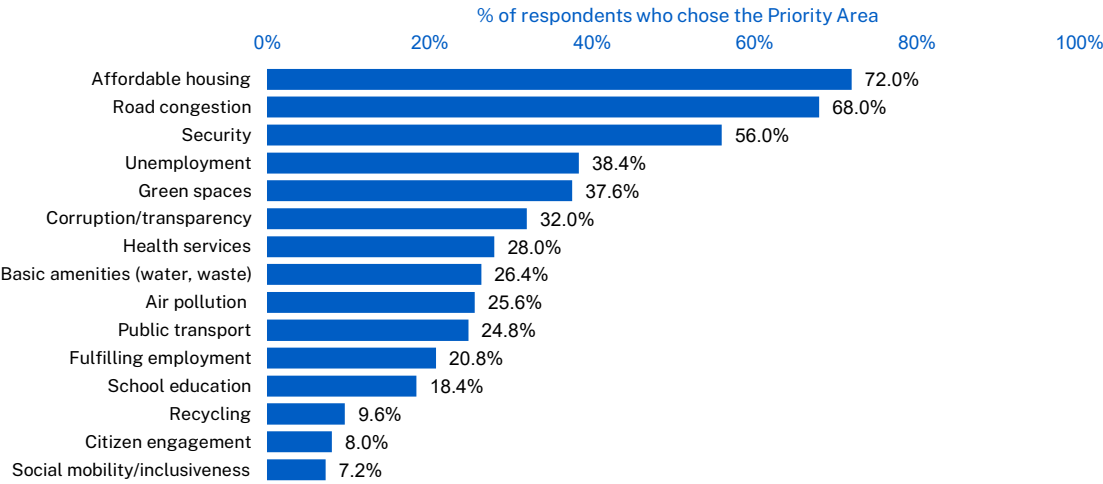
Country

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
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responses per indicator,
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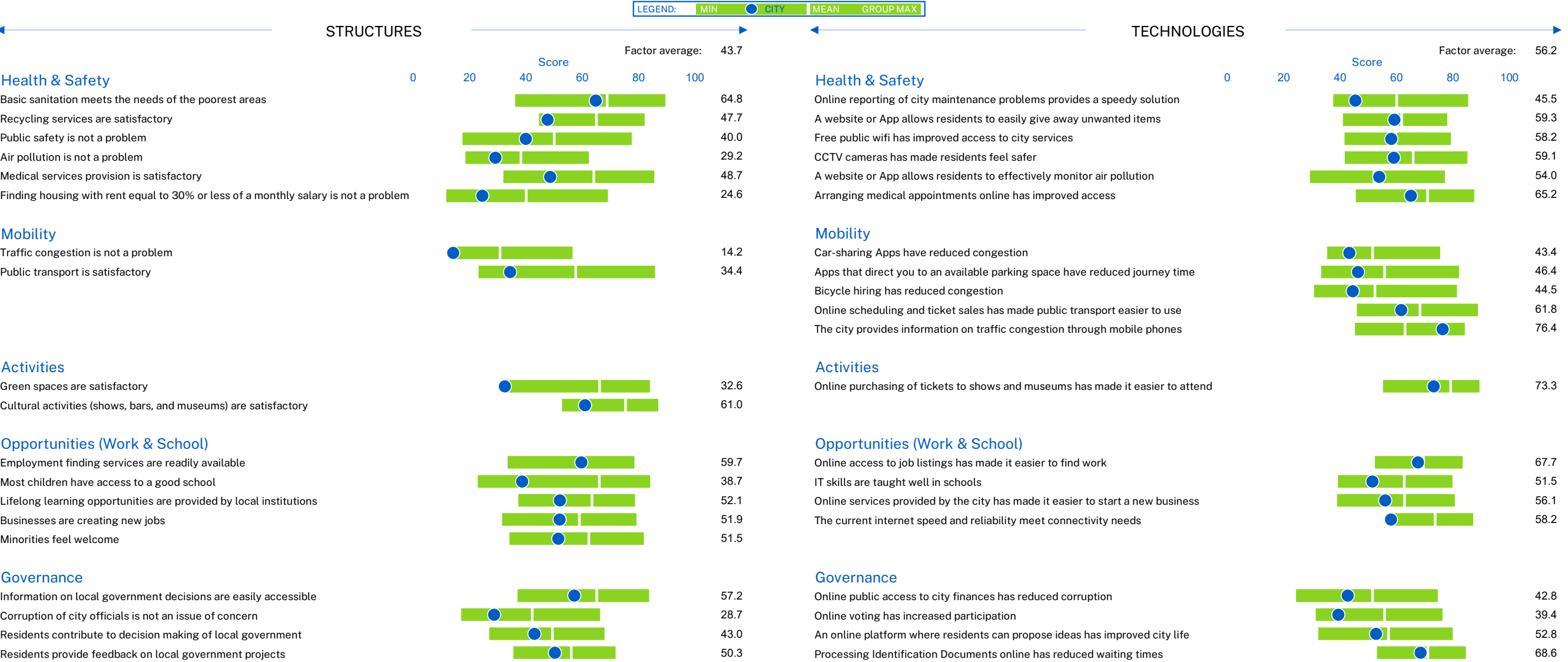
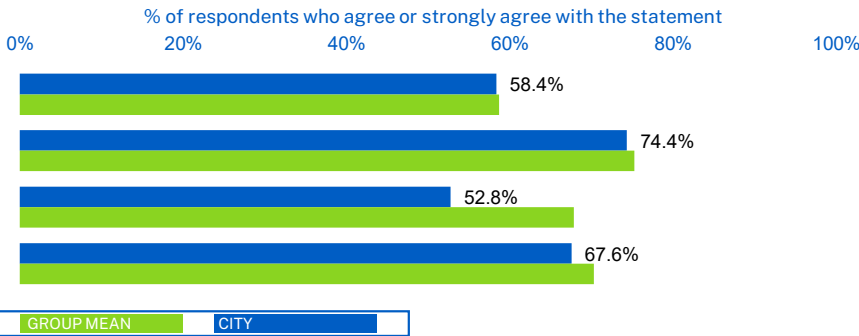
ATTITUDES

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The percentage of your day-to-day payment transactions



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

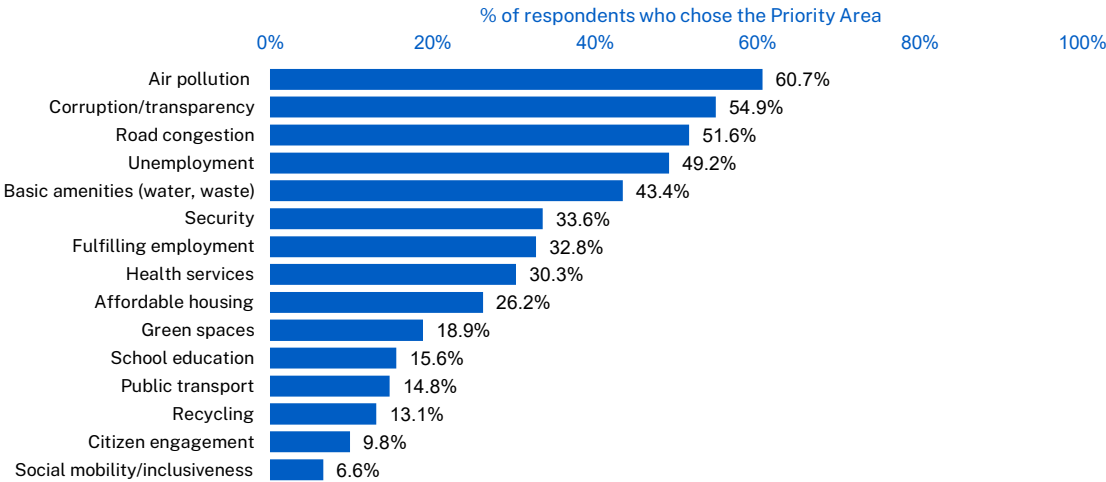
Country

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

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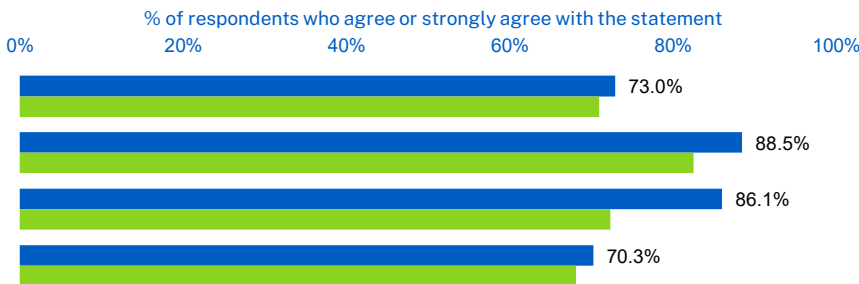
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

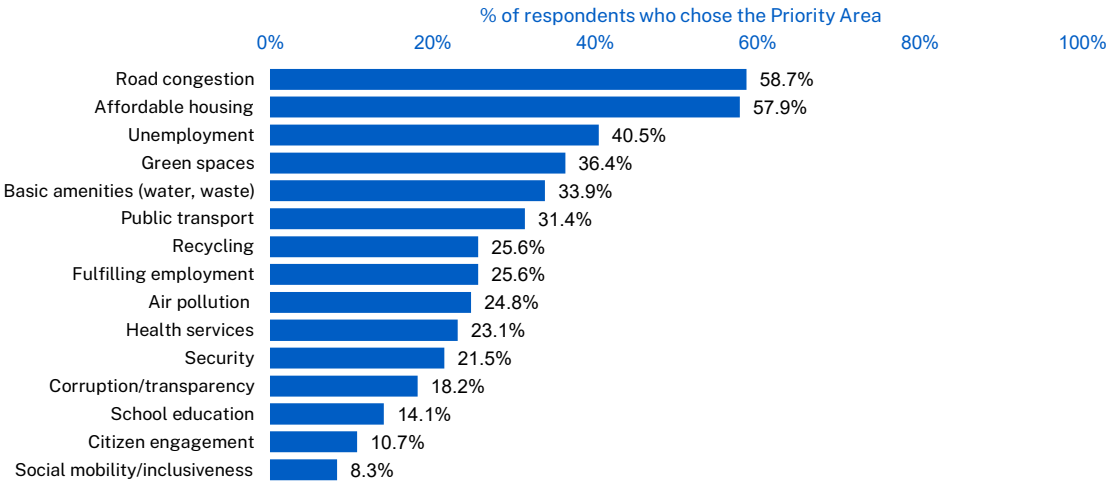
Country

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

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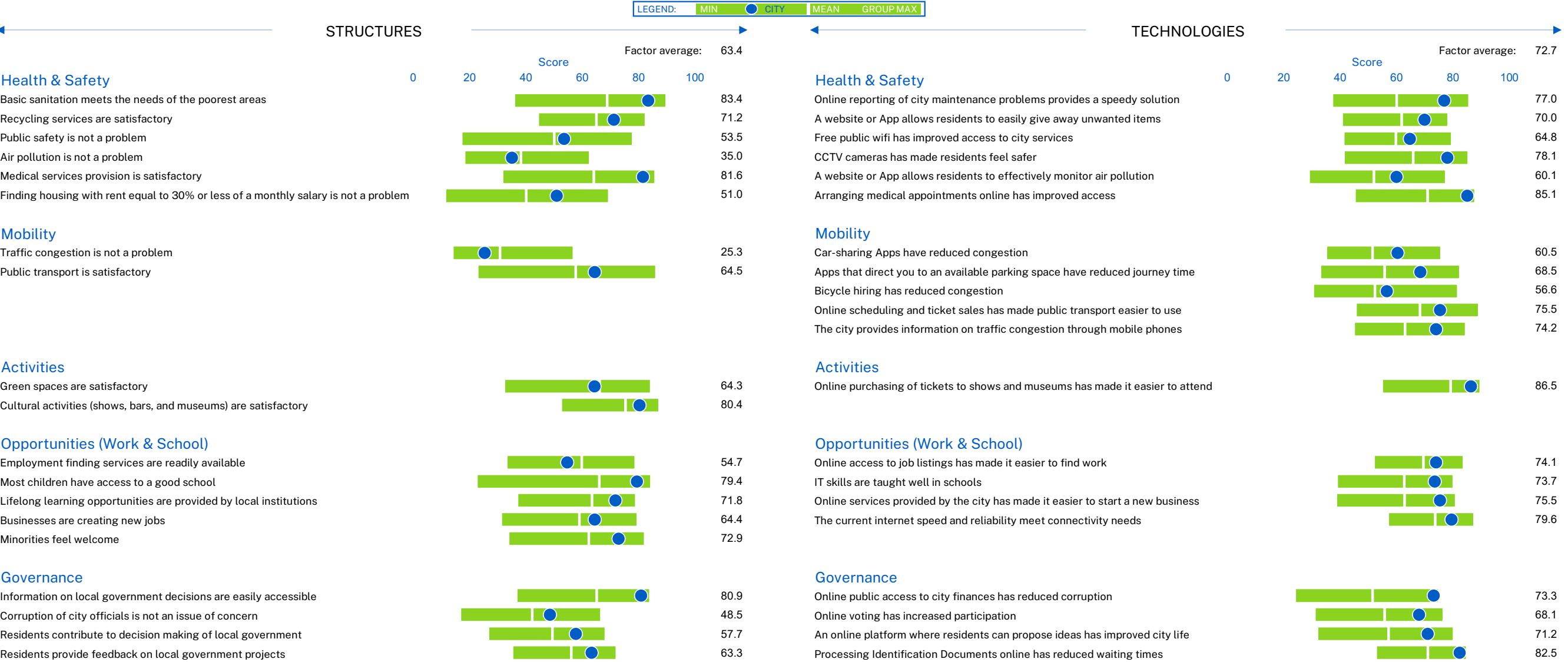
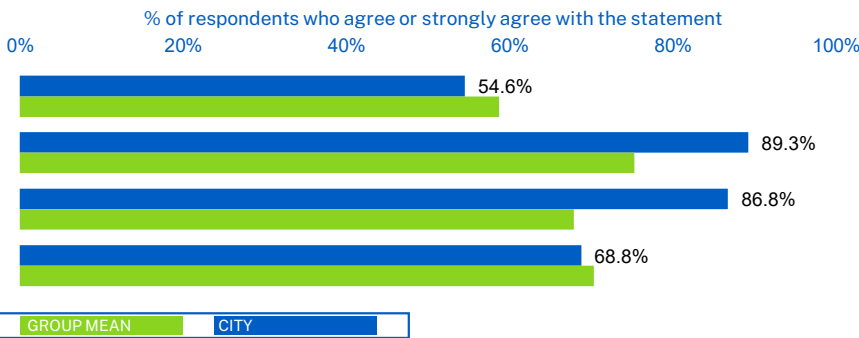
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

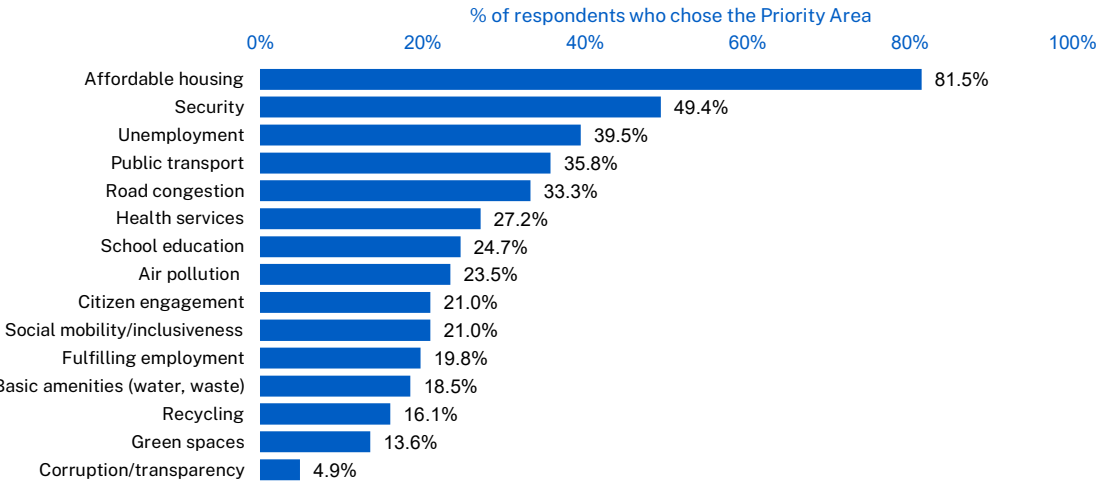
Country

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.



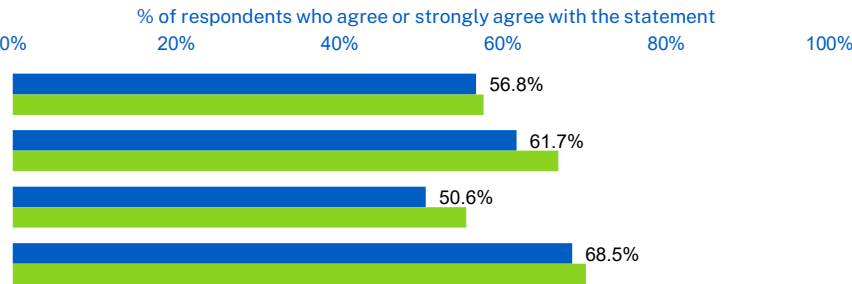
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

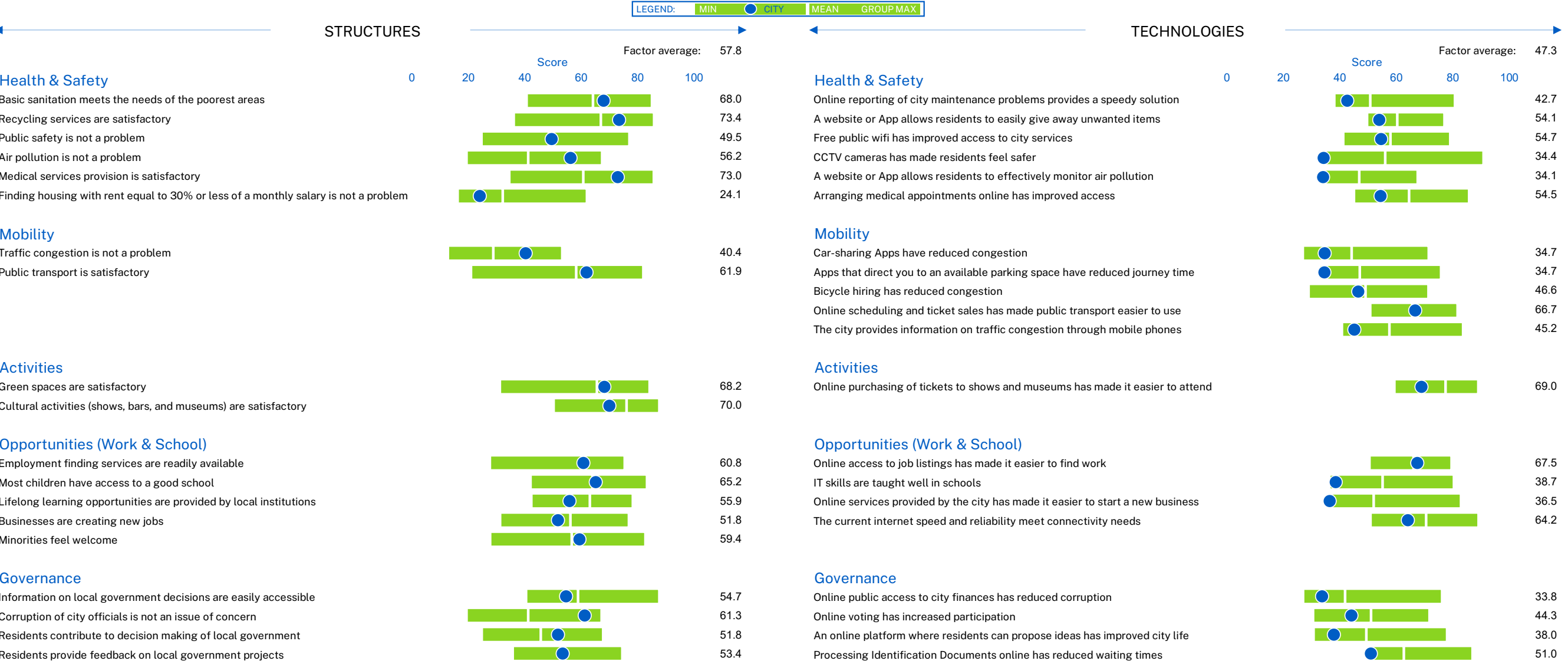
You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



Krakov

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

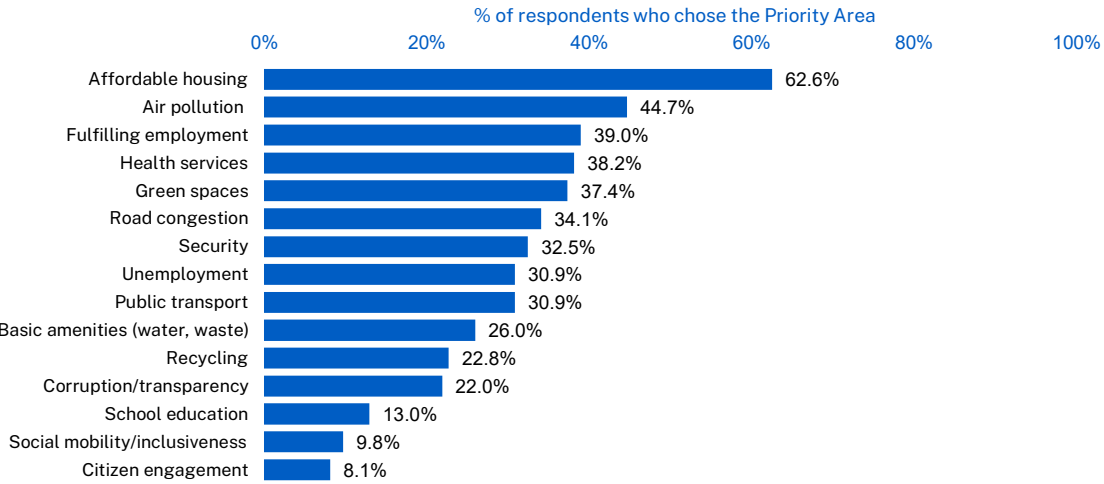
Country

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

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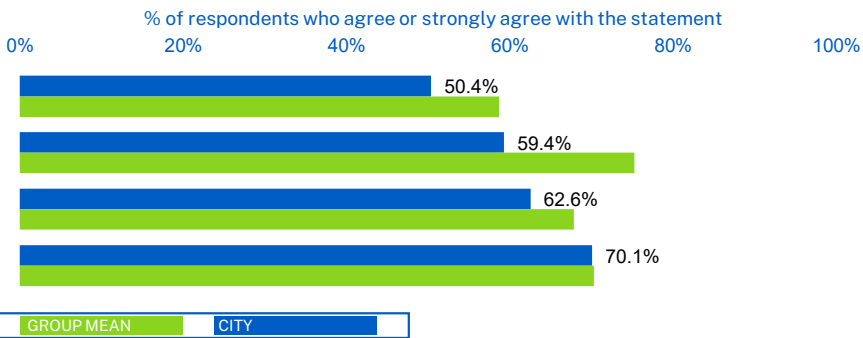
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

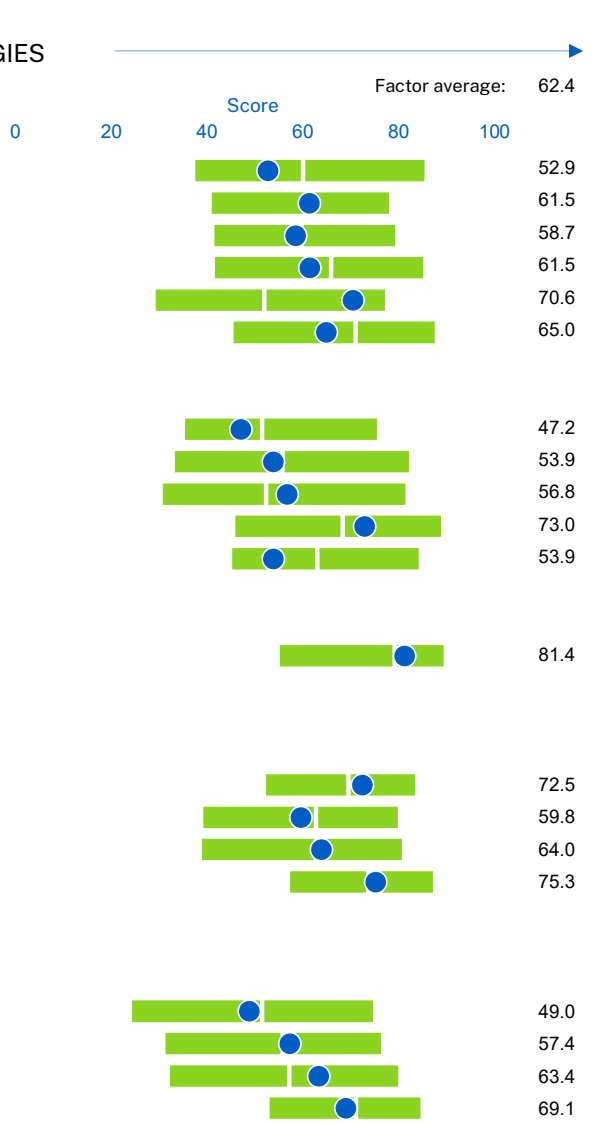
Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times



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

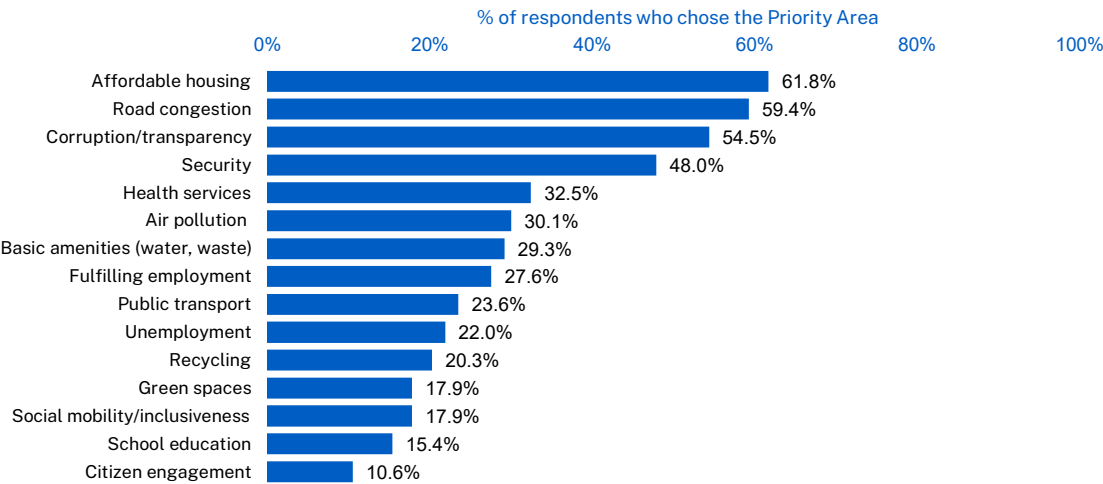
Country

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

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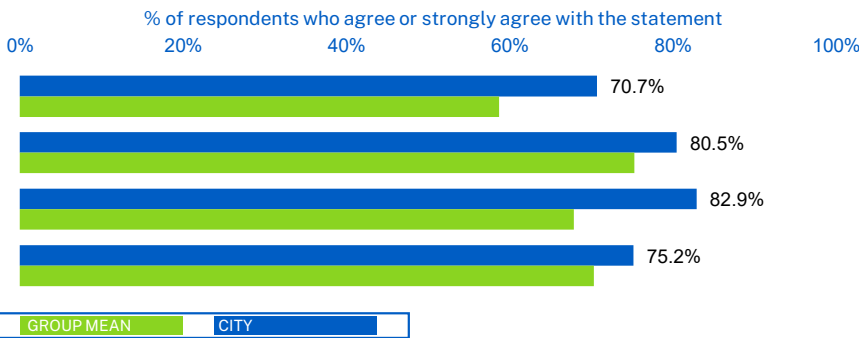
ATTITUDES

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You feel the availability of online information has increased
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The percentage of your day-to-day payment transactions



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

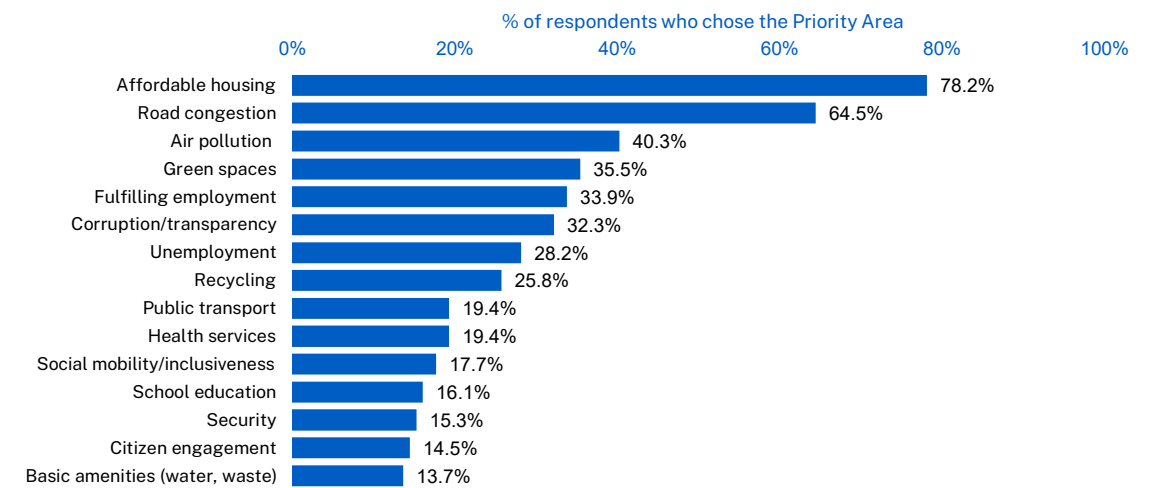
Country

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.



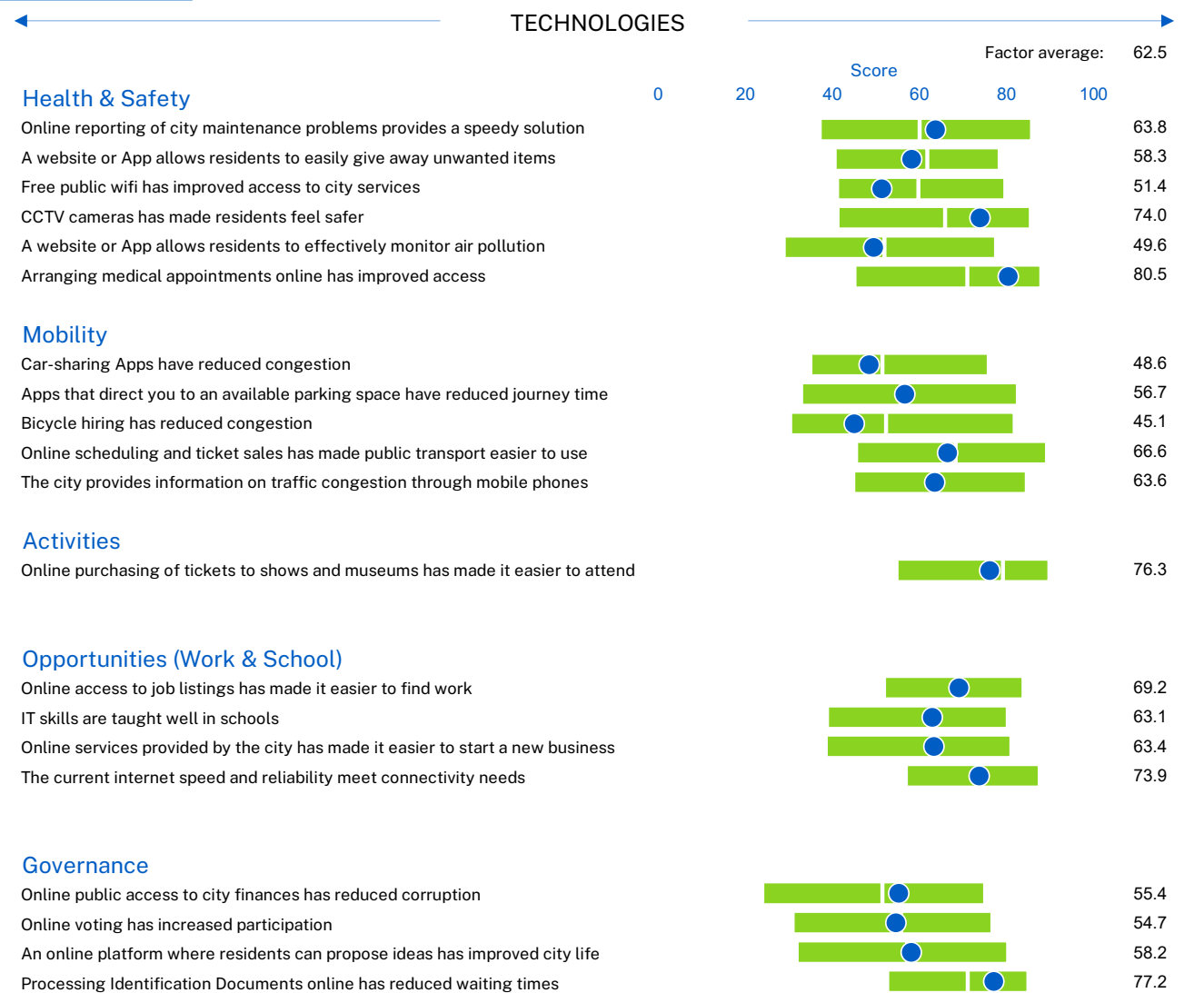
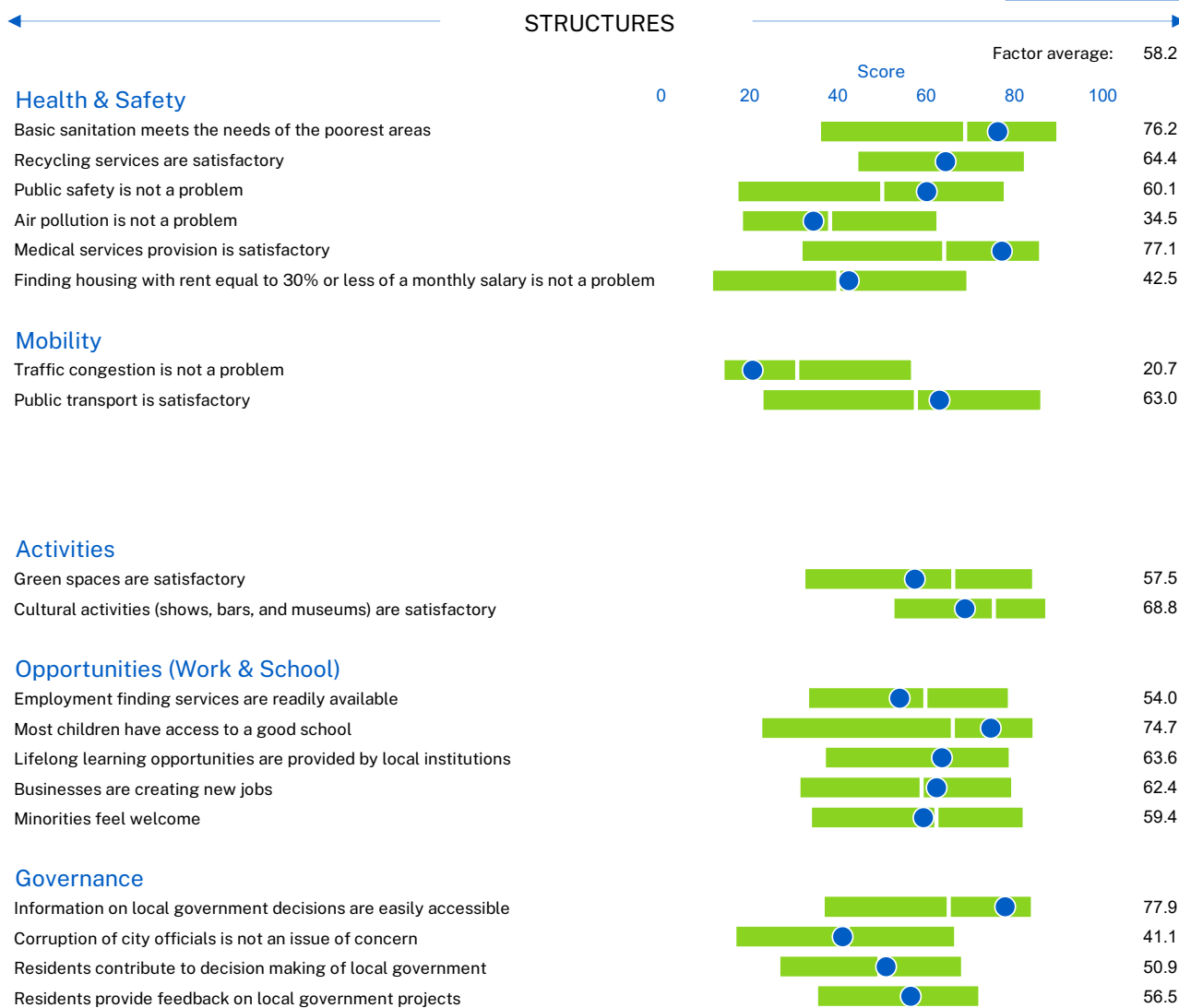
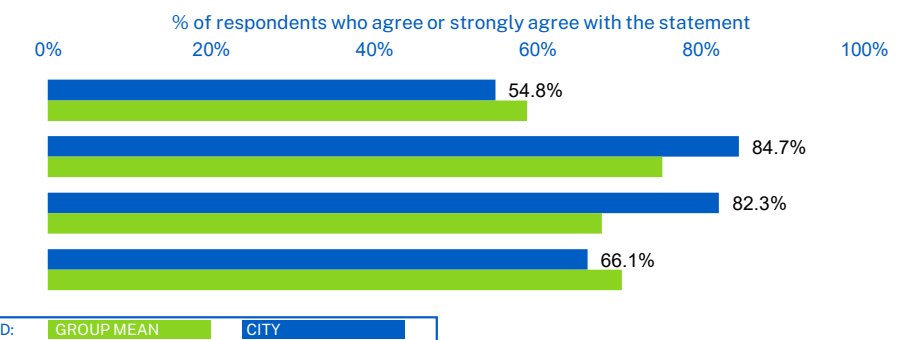
ATTITUDES

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The percentage of your day-to-day payment transactions



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

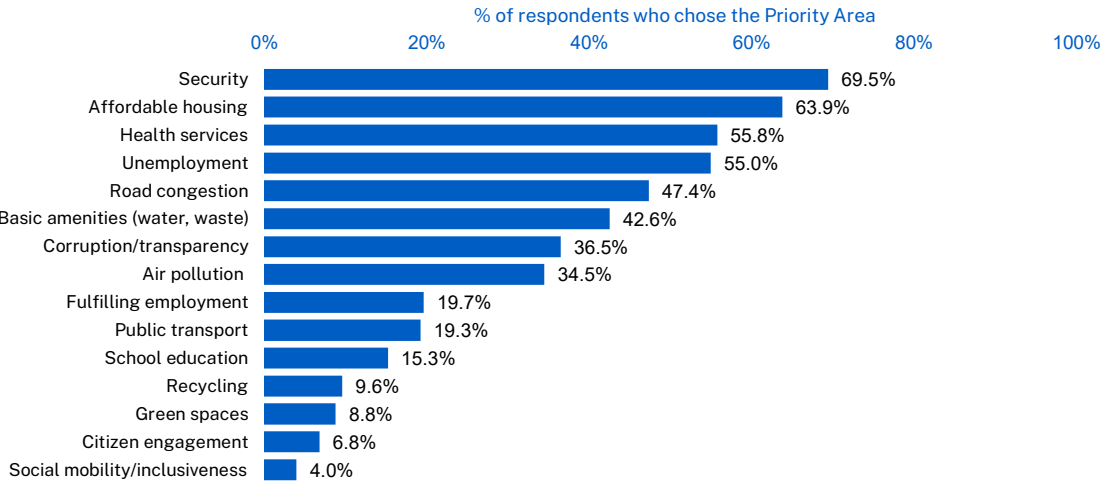
Country

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

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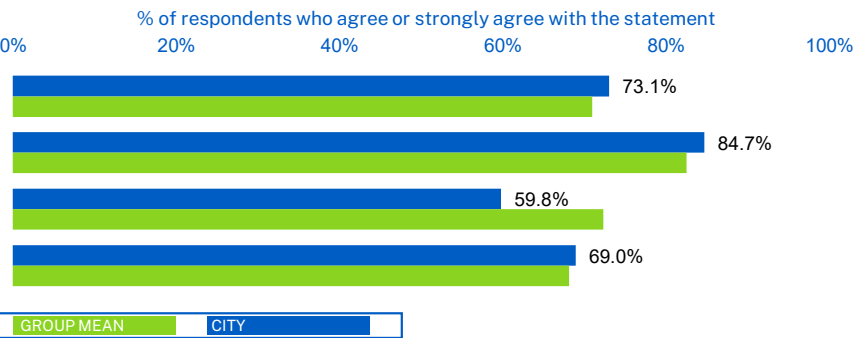
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The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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)



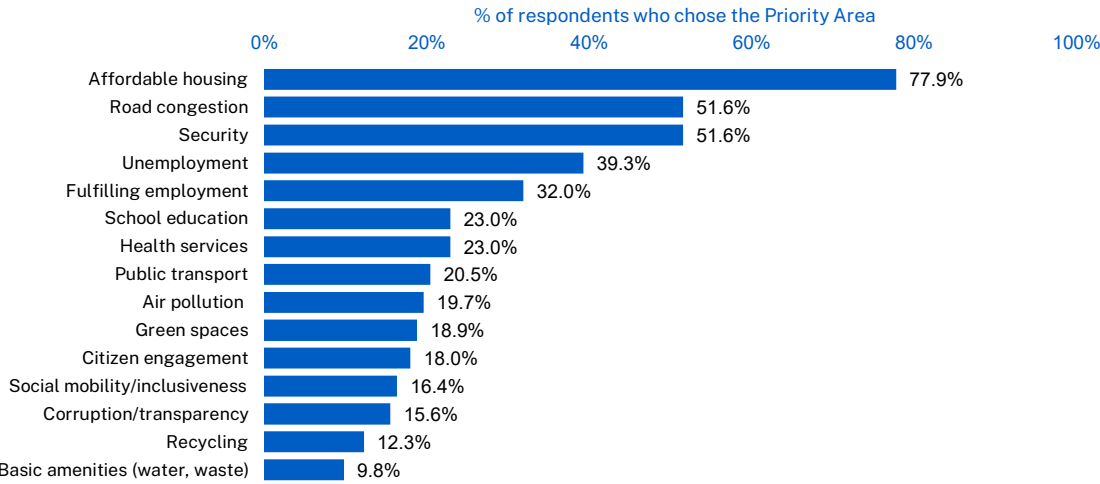
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

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

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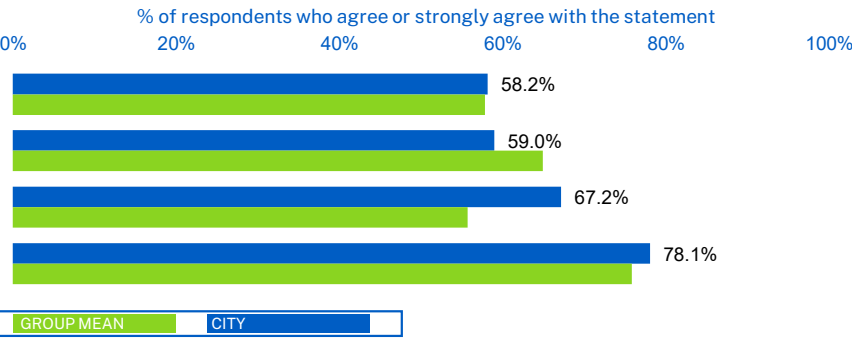
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The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 65.2

Score

0 20 40 60 80 100

71.3

80.0

61.3

56.5

76.7

28.9

38.0

73.3

80.6

81.1

64.8

81.9

72.9

56.7

60.1

66.8

56.5

65.0

66.0

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 58.0

Score

0 20 40 60 80 100

56.1

59.7

50.5

52.2

47.4

70.6

41.1

45.5

51.5

79.4

56.7

78.6

65.5

64.9

51.8

76.1

42.6

53.9

50.8

66.0

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

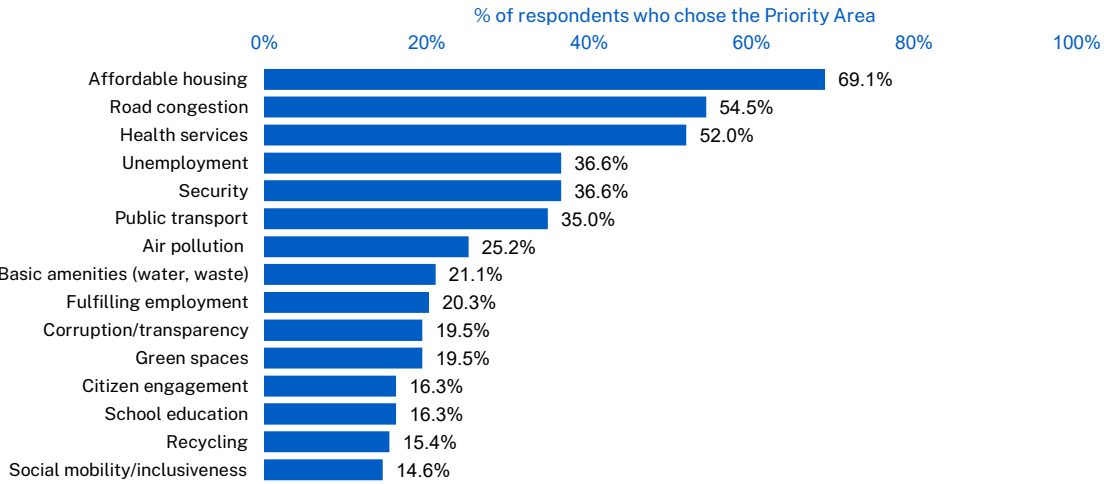
Country

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.



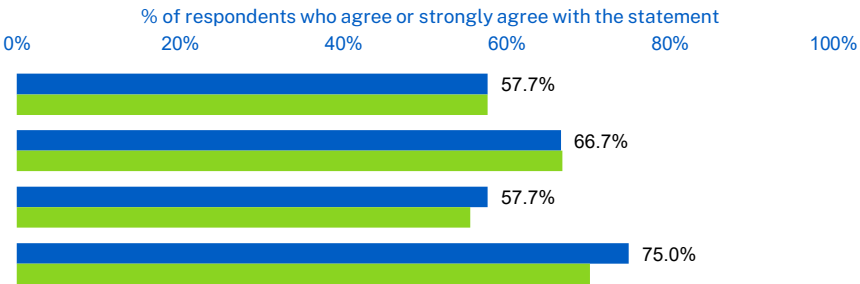
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

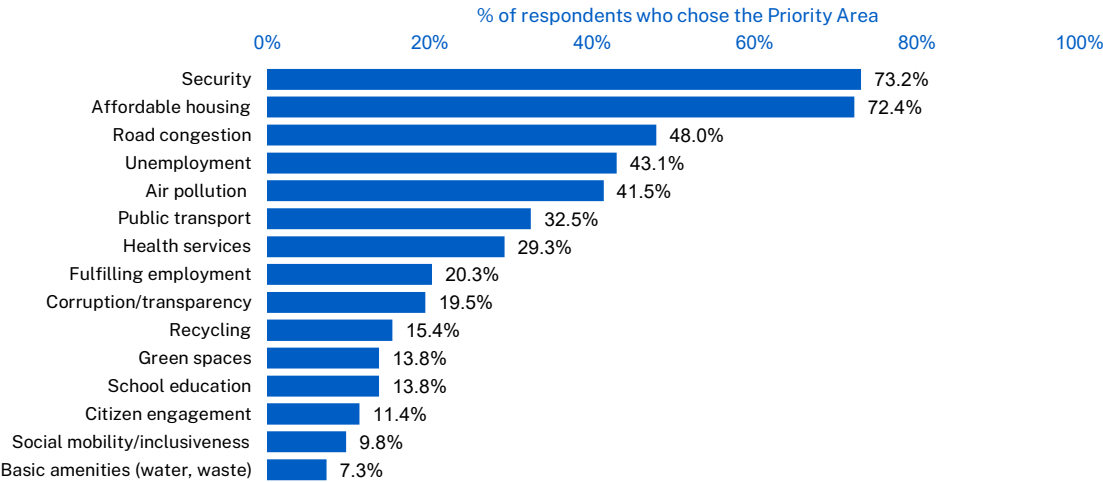
Country

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.



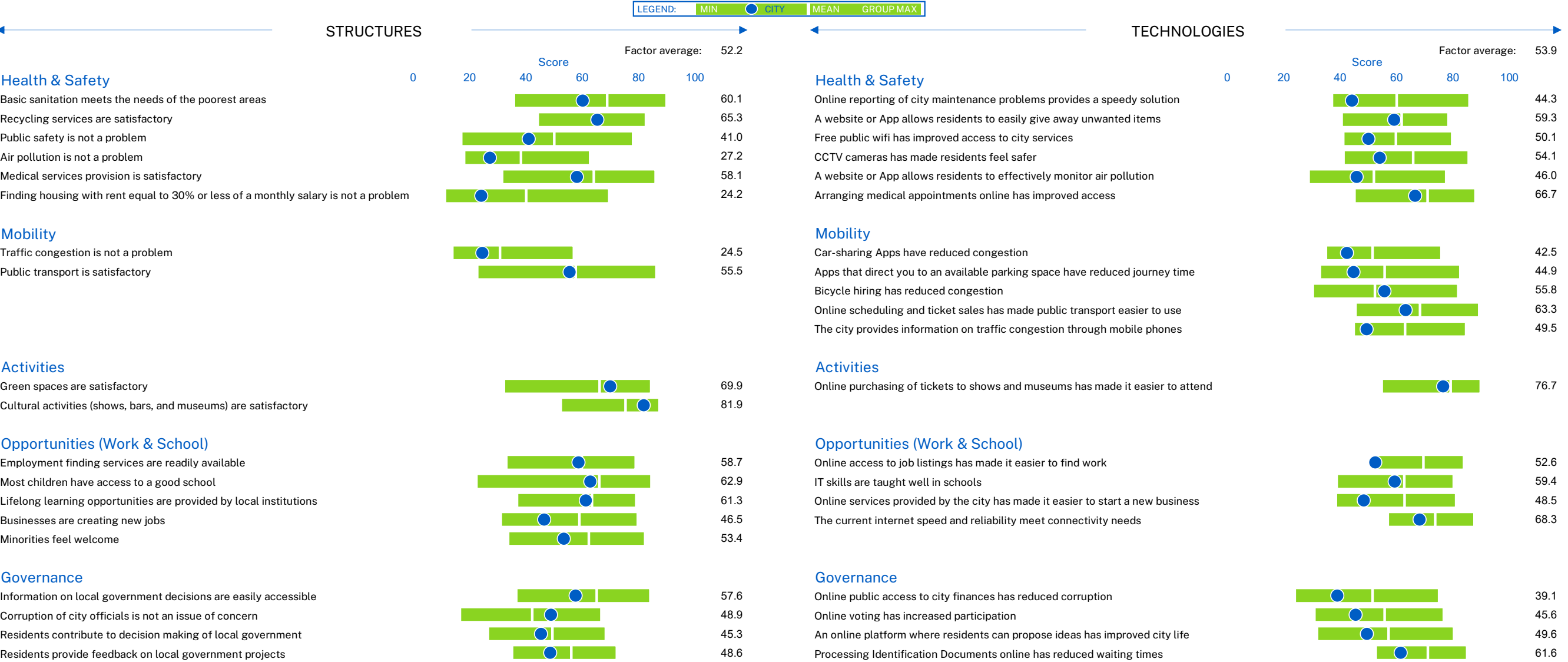
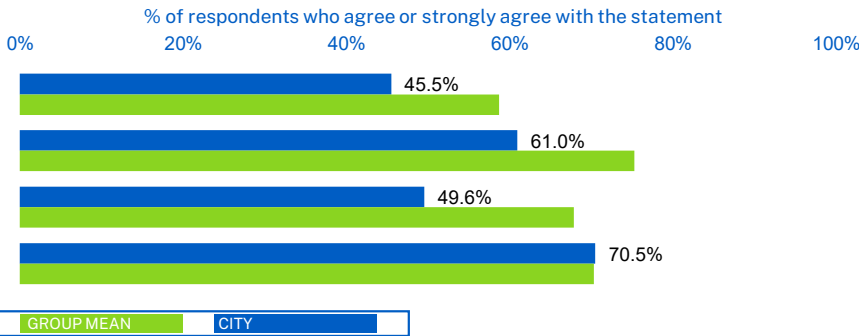
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

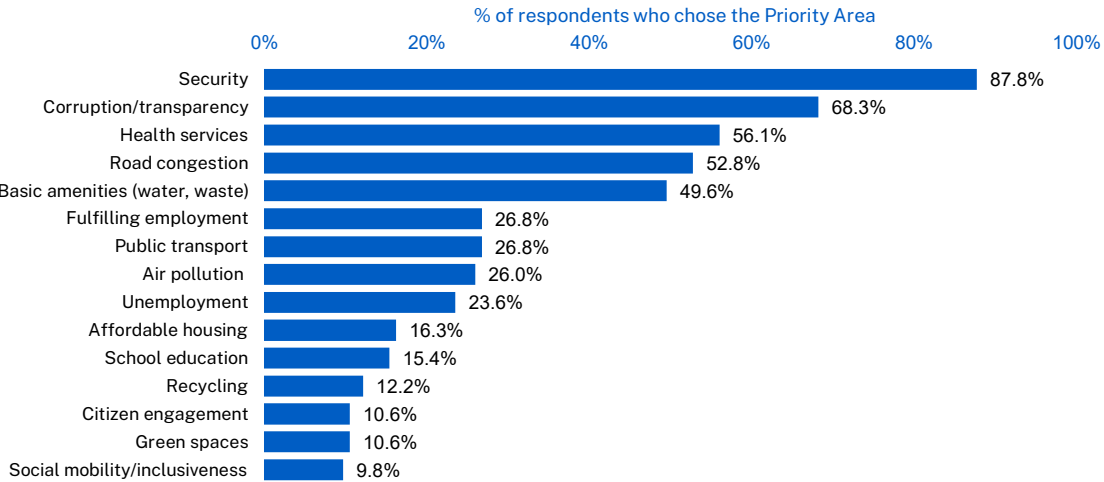
Country

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.



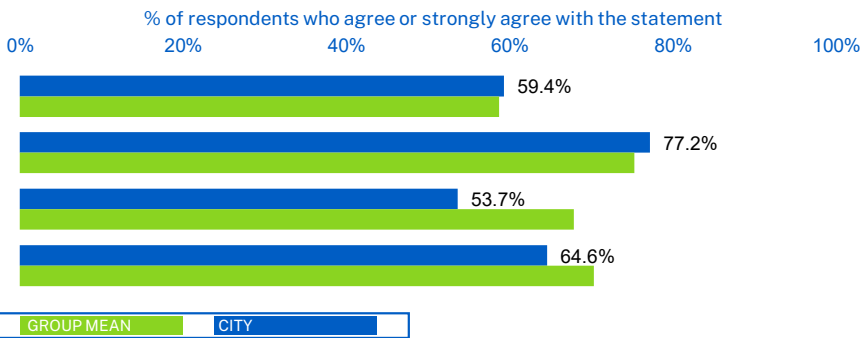
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

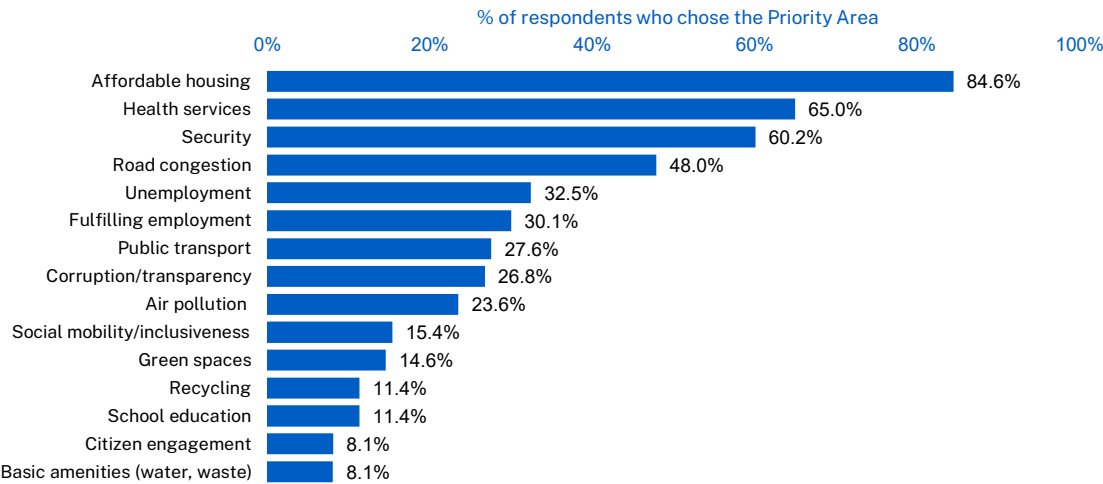
Country

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.



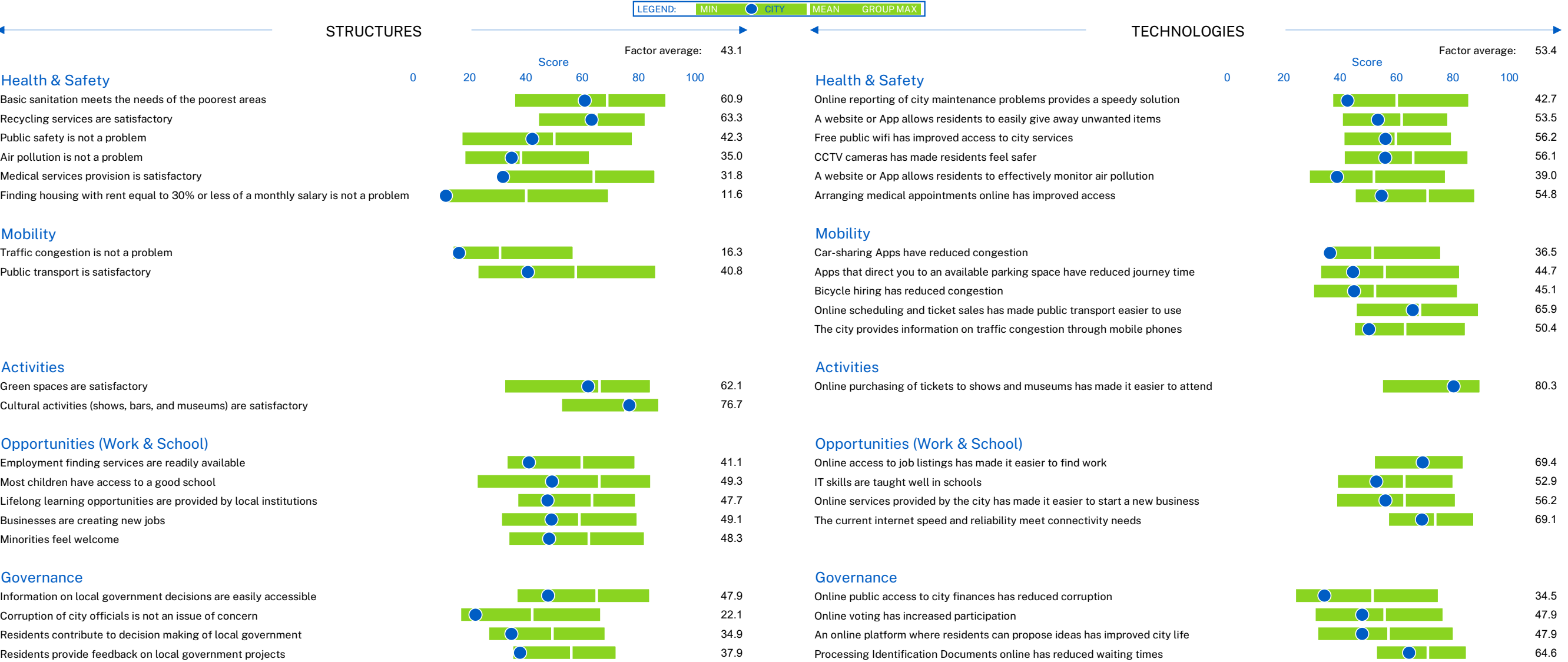
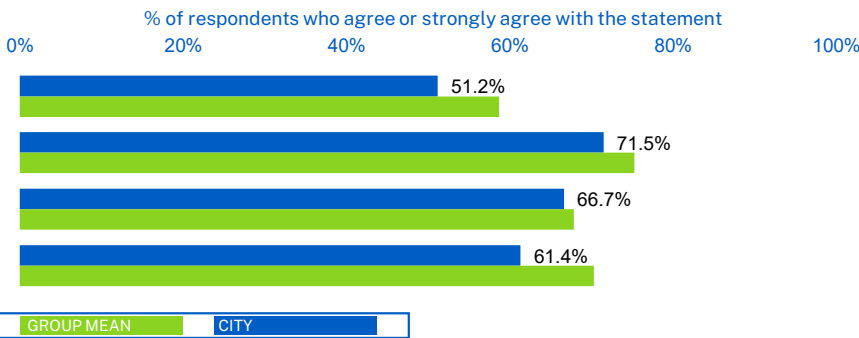
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

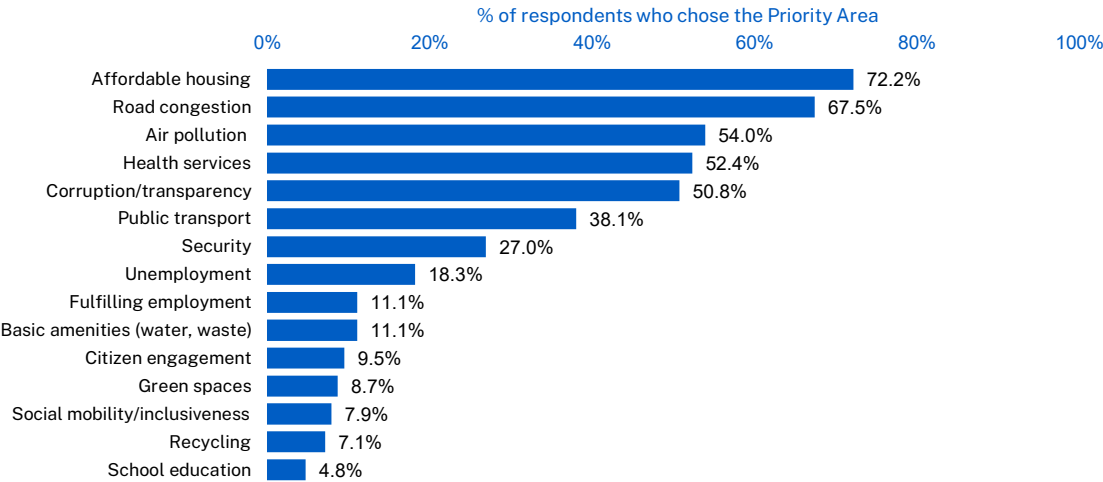
Country

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.



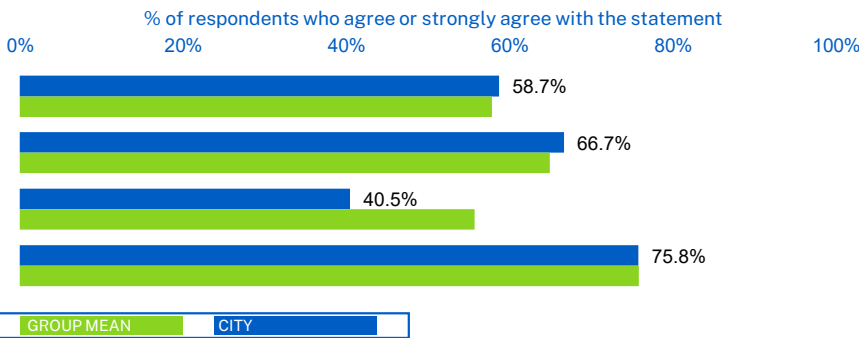
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

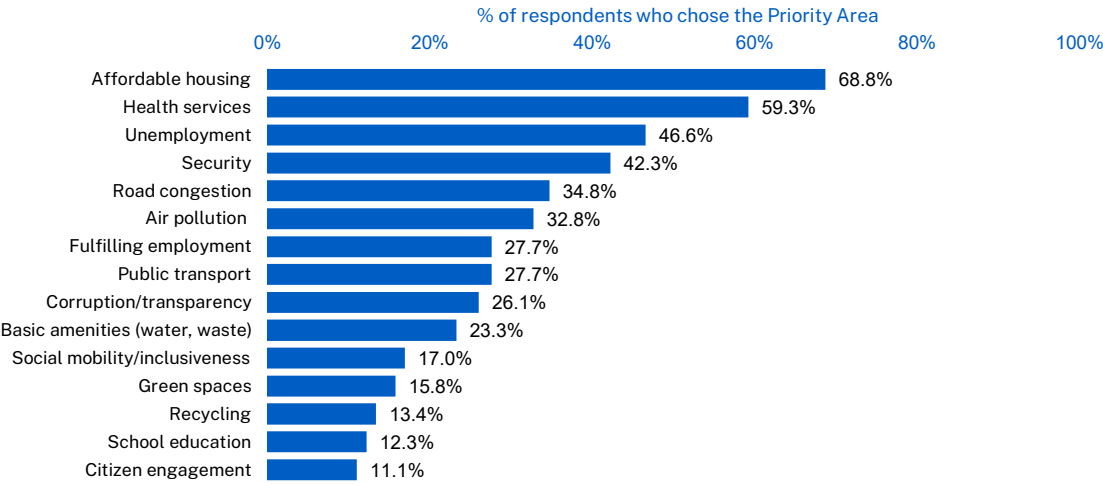
Country

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.



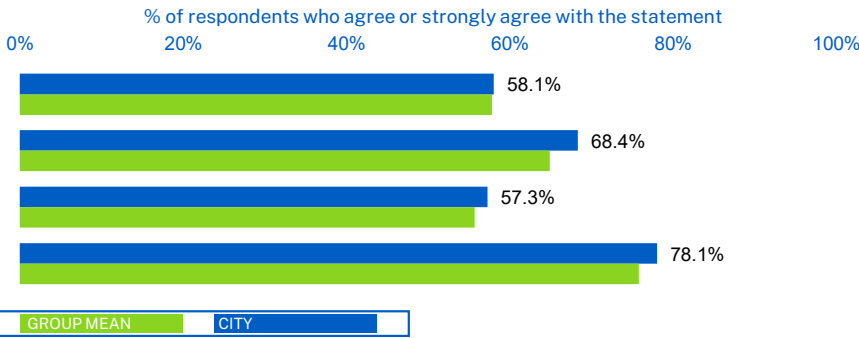
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

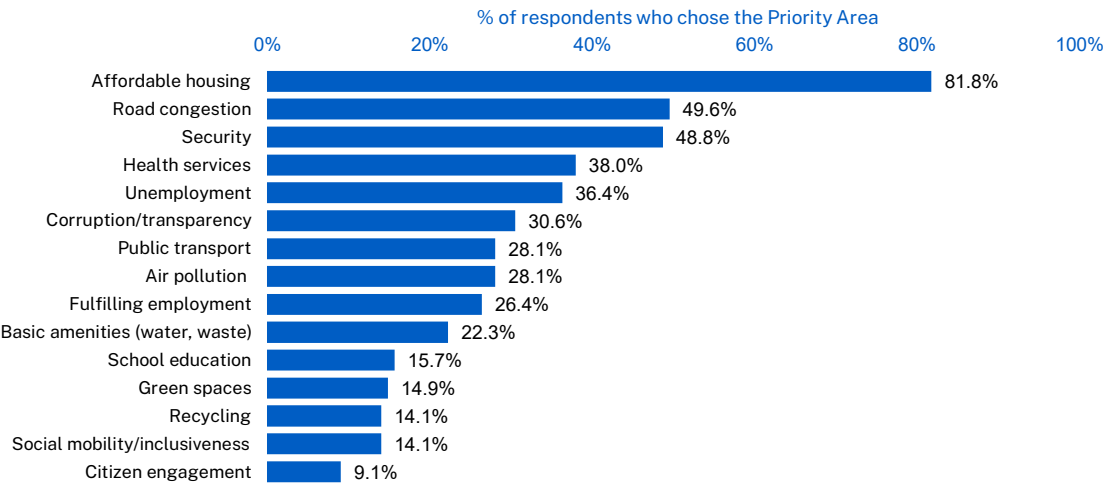
Country

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
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the greater the priority
for the respondents.



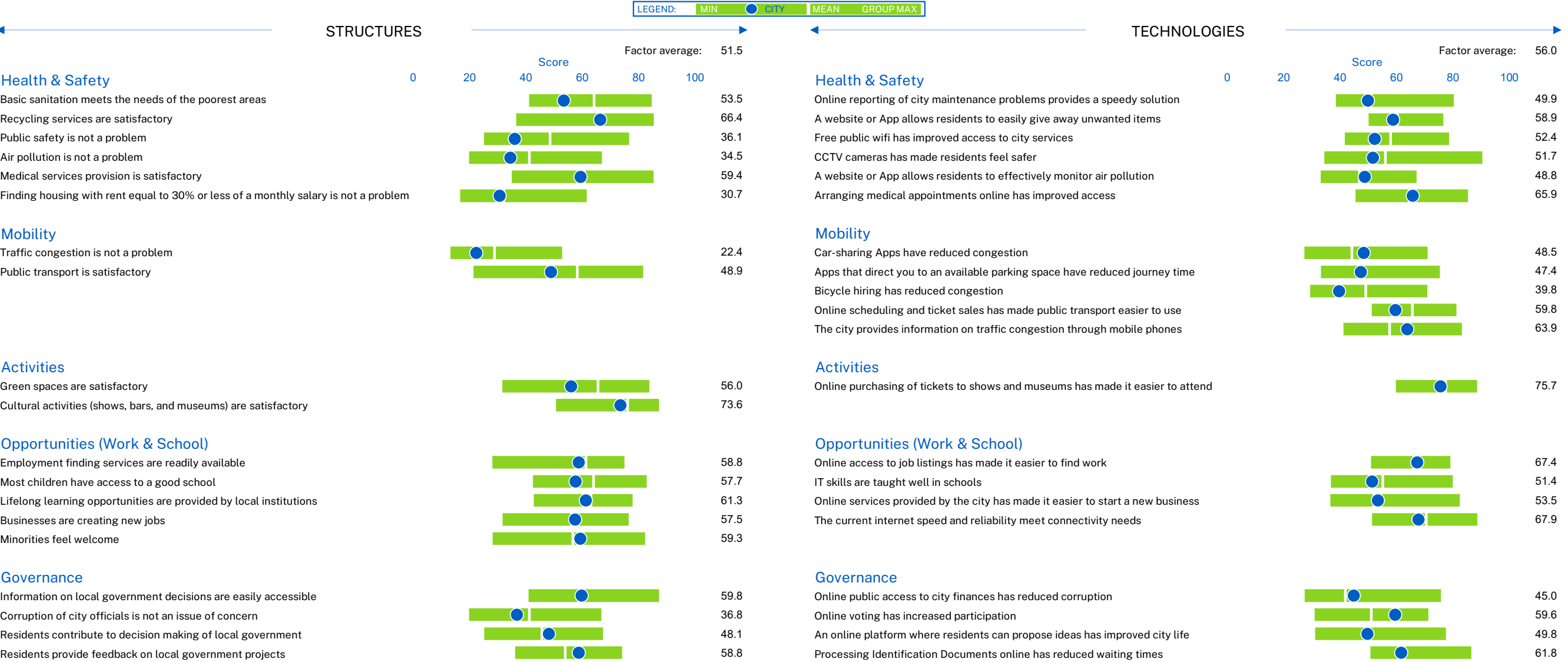
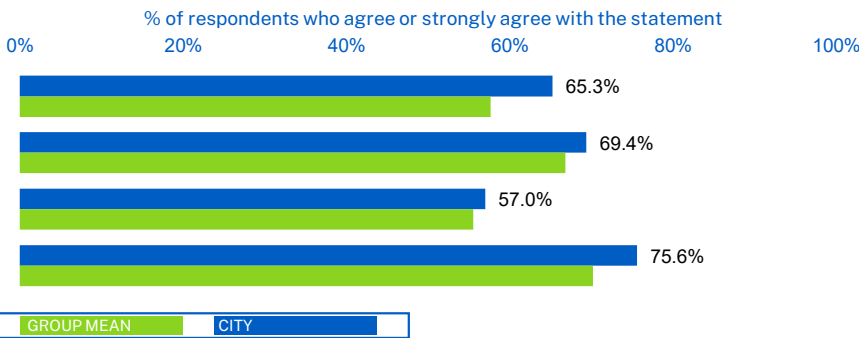
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

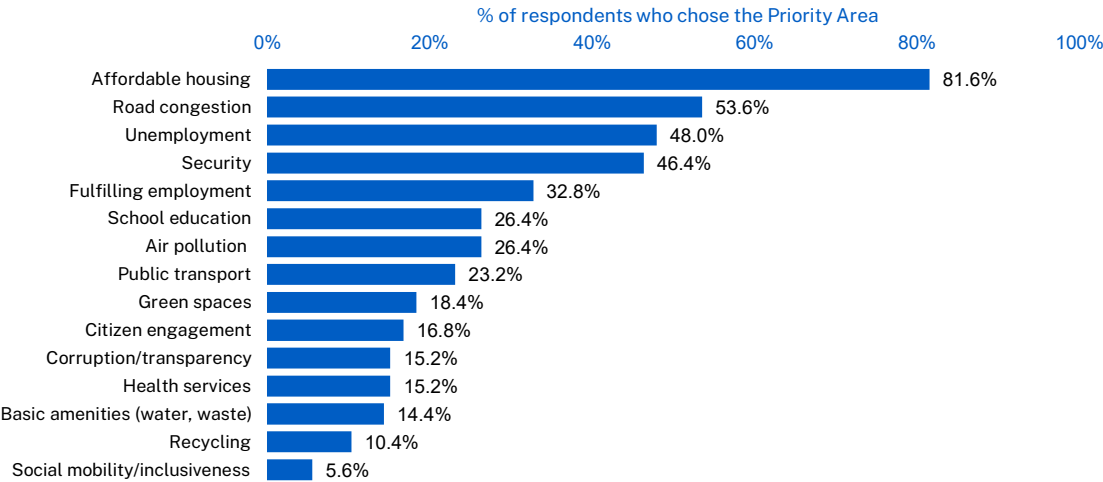
Country

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
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the greater the priority
for the respondents.



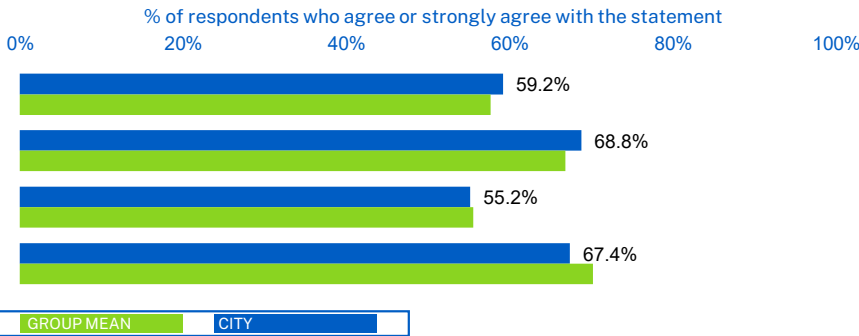
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

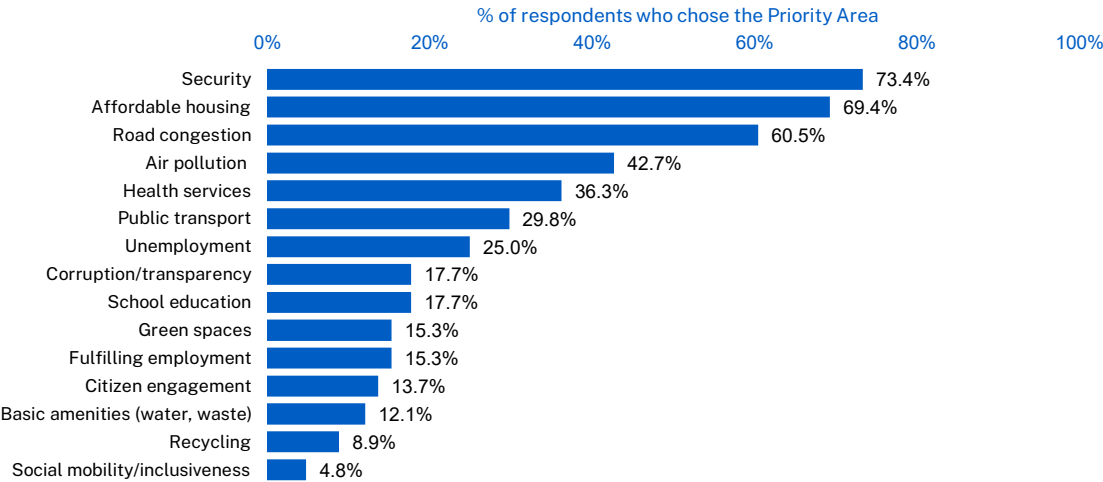
Country

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

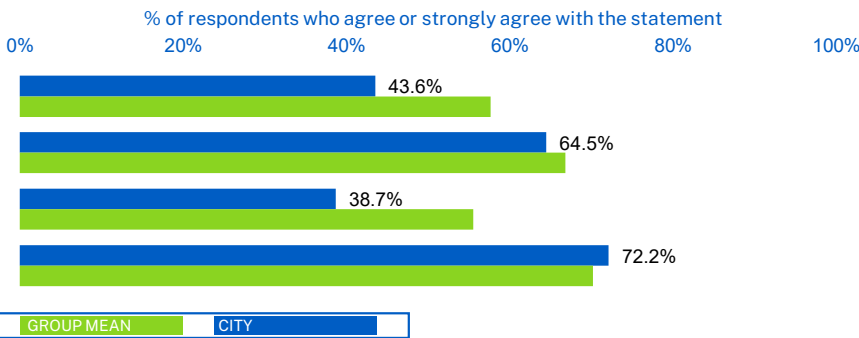
PRIORITY AREAS

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.



ATTITUDES

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

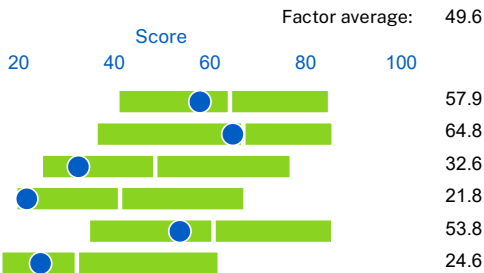


LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

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



Mobility

Traffic congestion is not a problem
Public transport is satisfactory



Activities

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



Opportunities (Work & School)

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



Governance

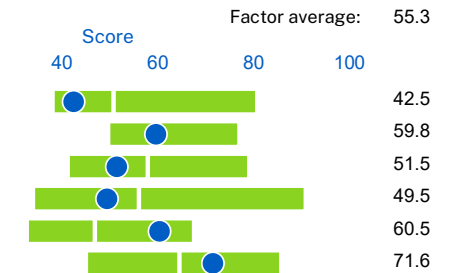
Information on local government decisions are easily accessible
Corruption of city officials is not an issue of concern
Residents contribute to decision making of local government
Residents provide feedback on local government projects



TECHNOLOGIES

Health & Safety

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



Mobility

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



Activities

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



Opportunities (Work & School)

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



Governance

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



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

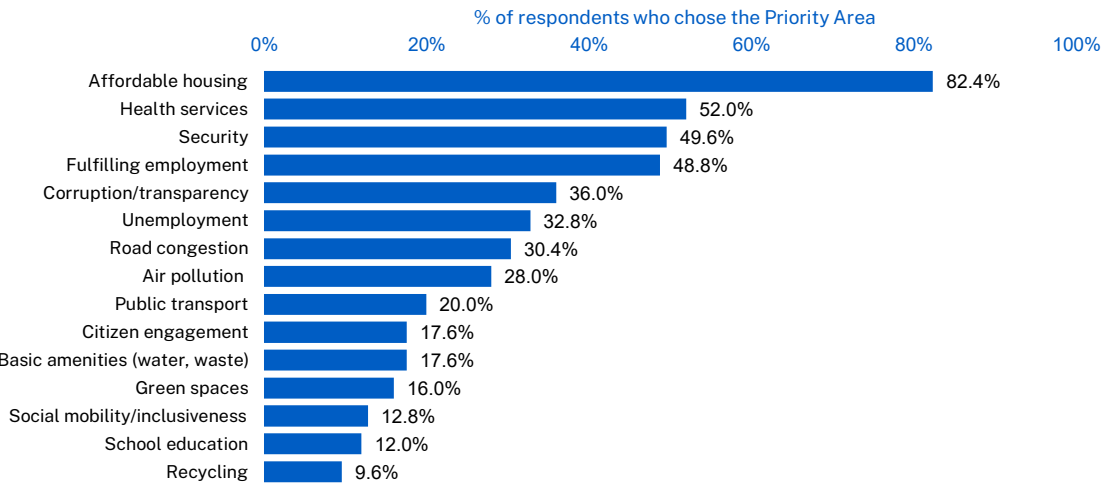
Country

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
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to select five that they
perceived as the most
urgent for their city. The
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for the respondents.



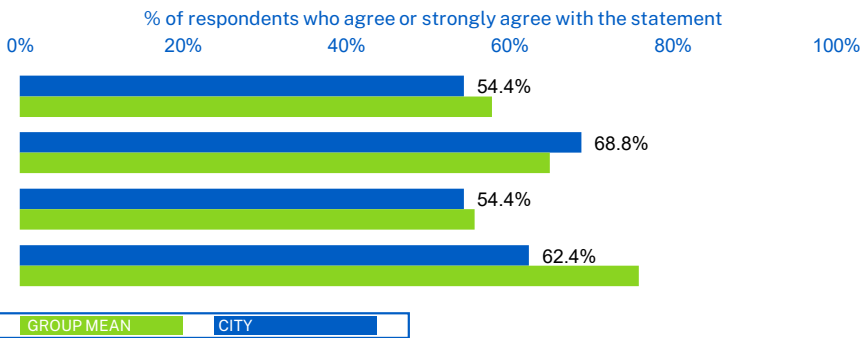
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

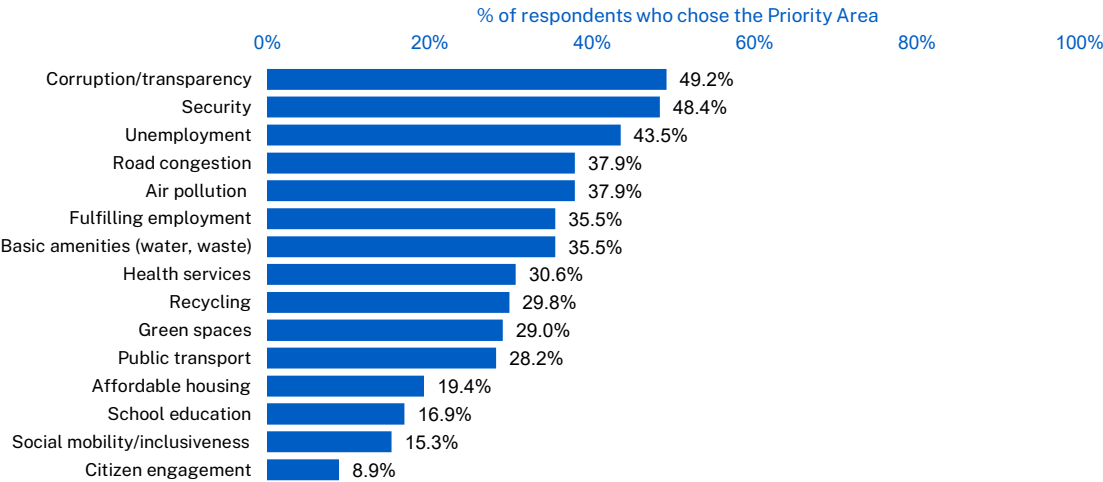
Country

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.



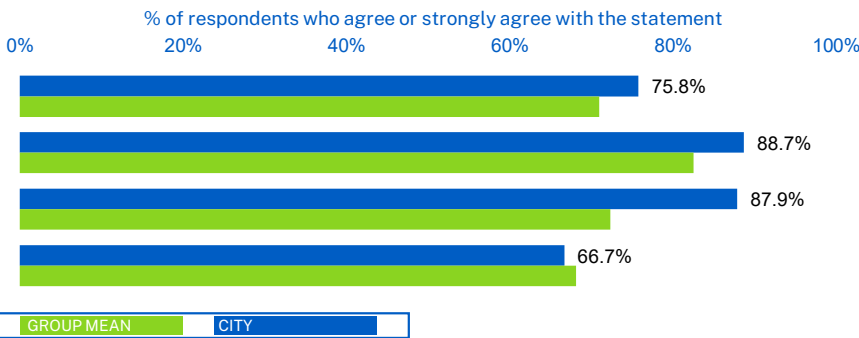
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

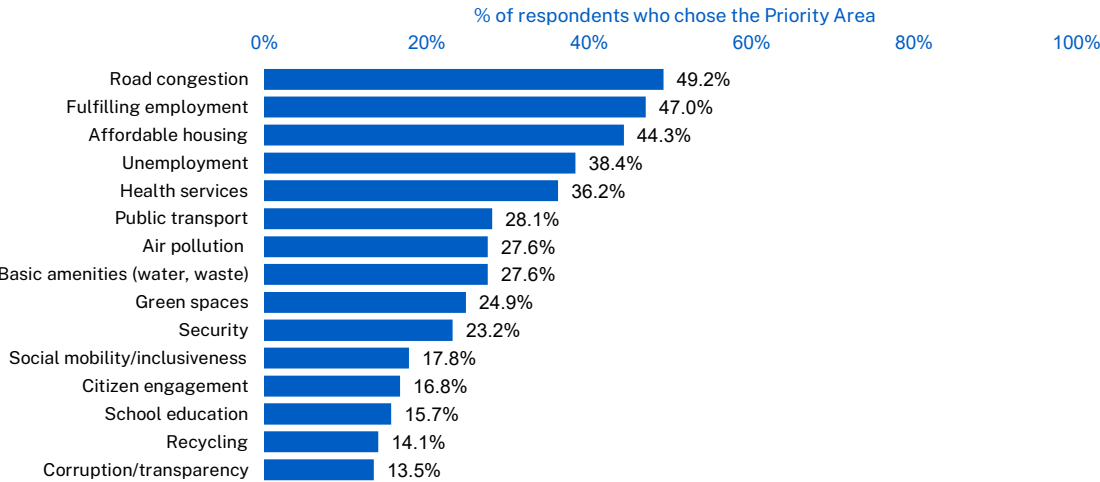
Country

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.



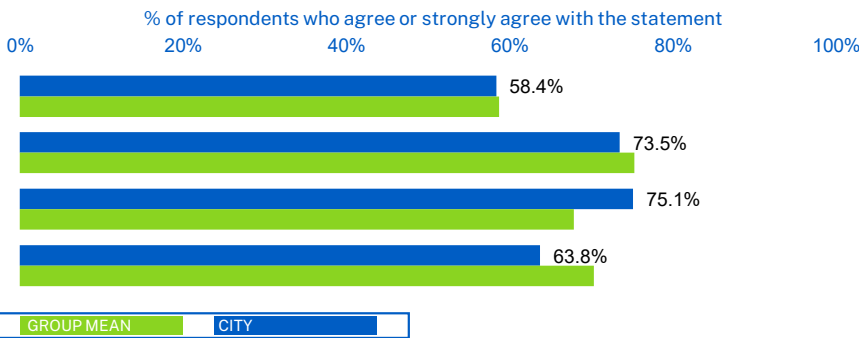
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

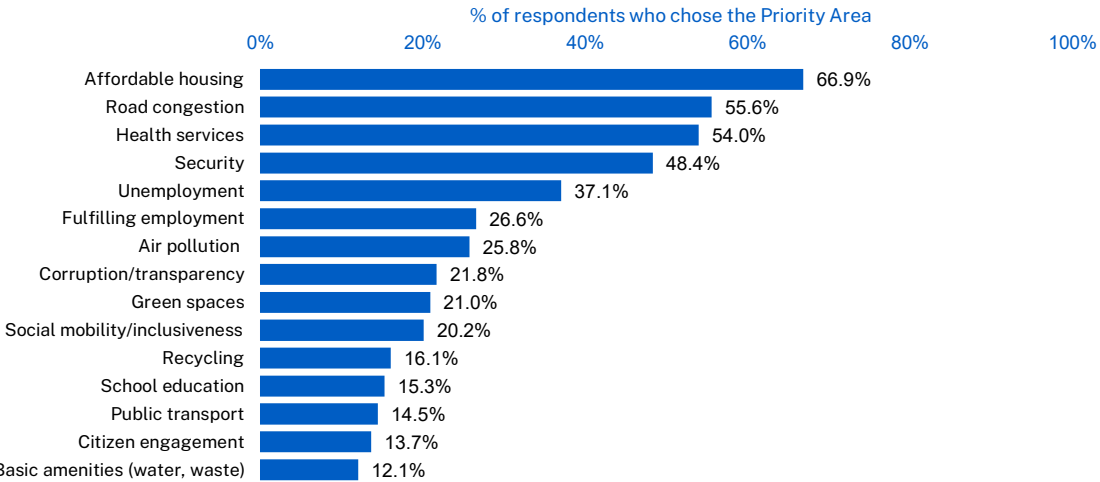
Country

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.



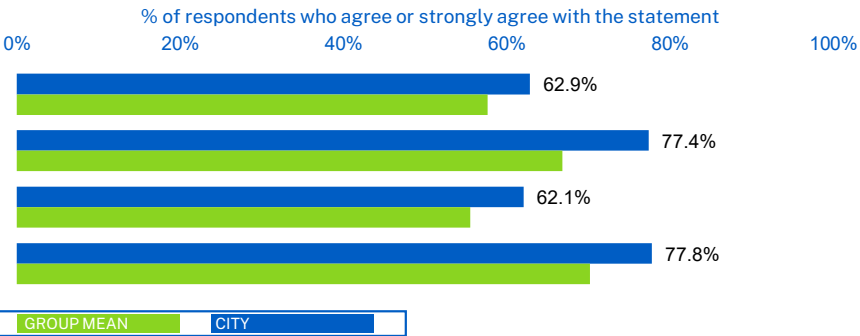
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

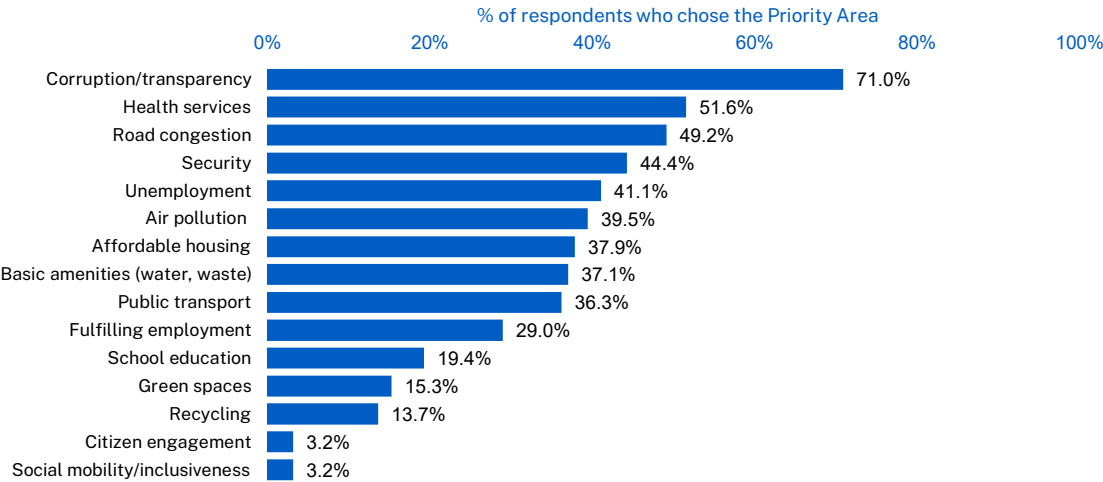
Country

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.



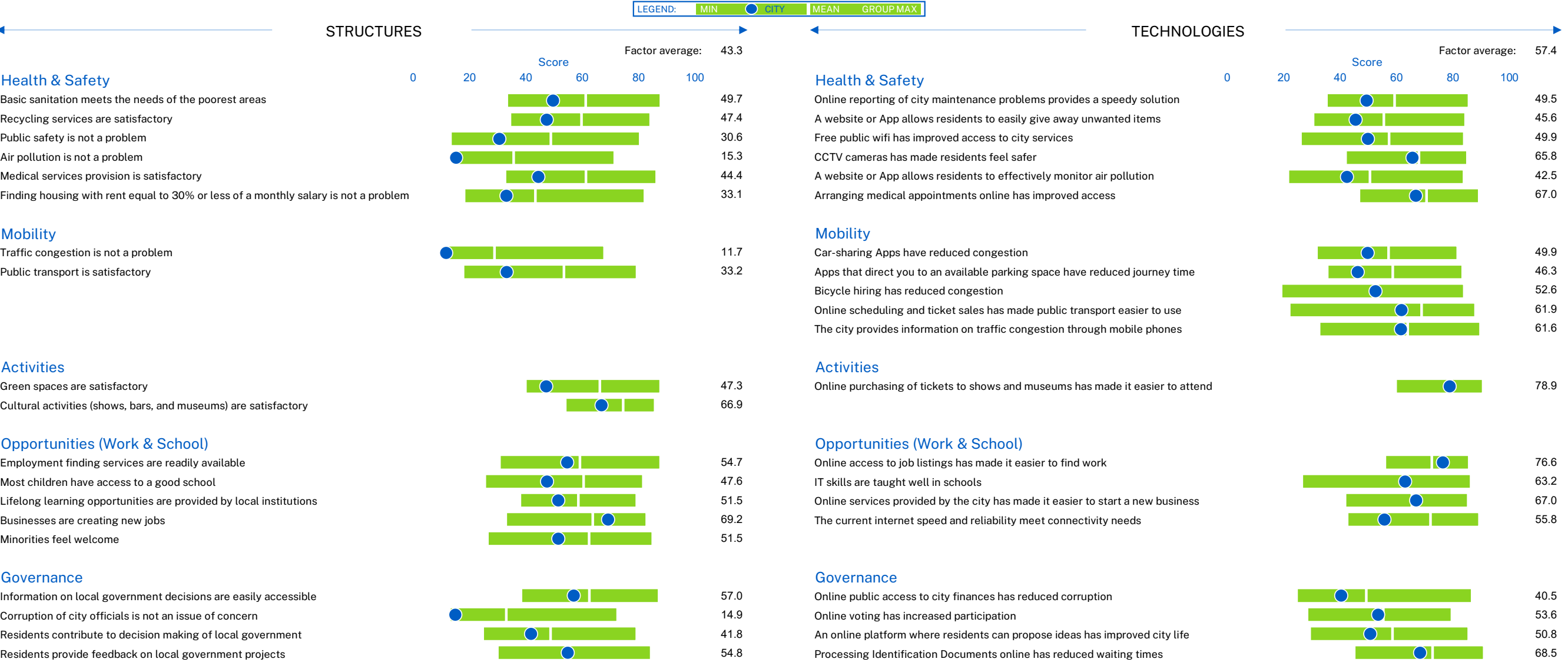
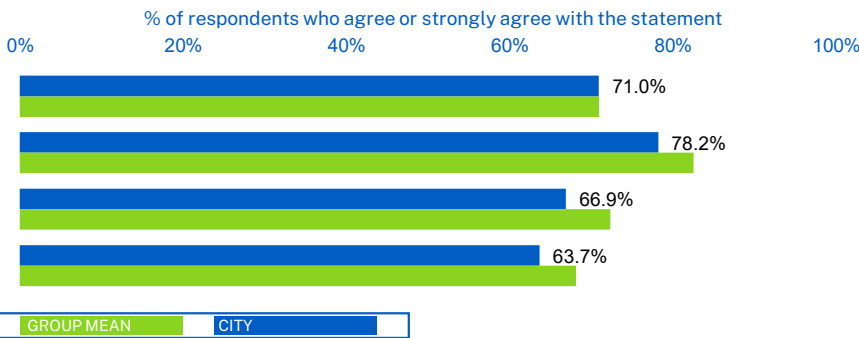
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

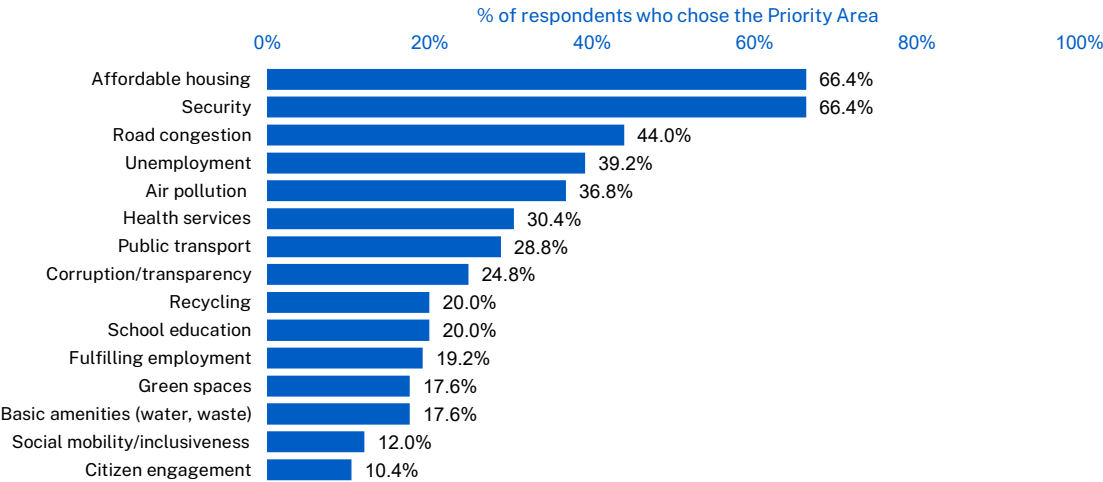
Country

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.



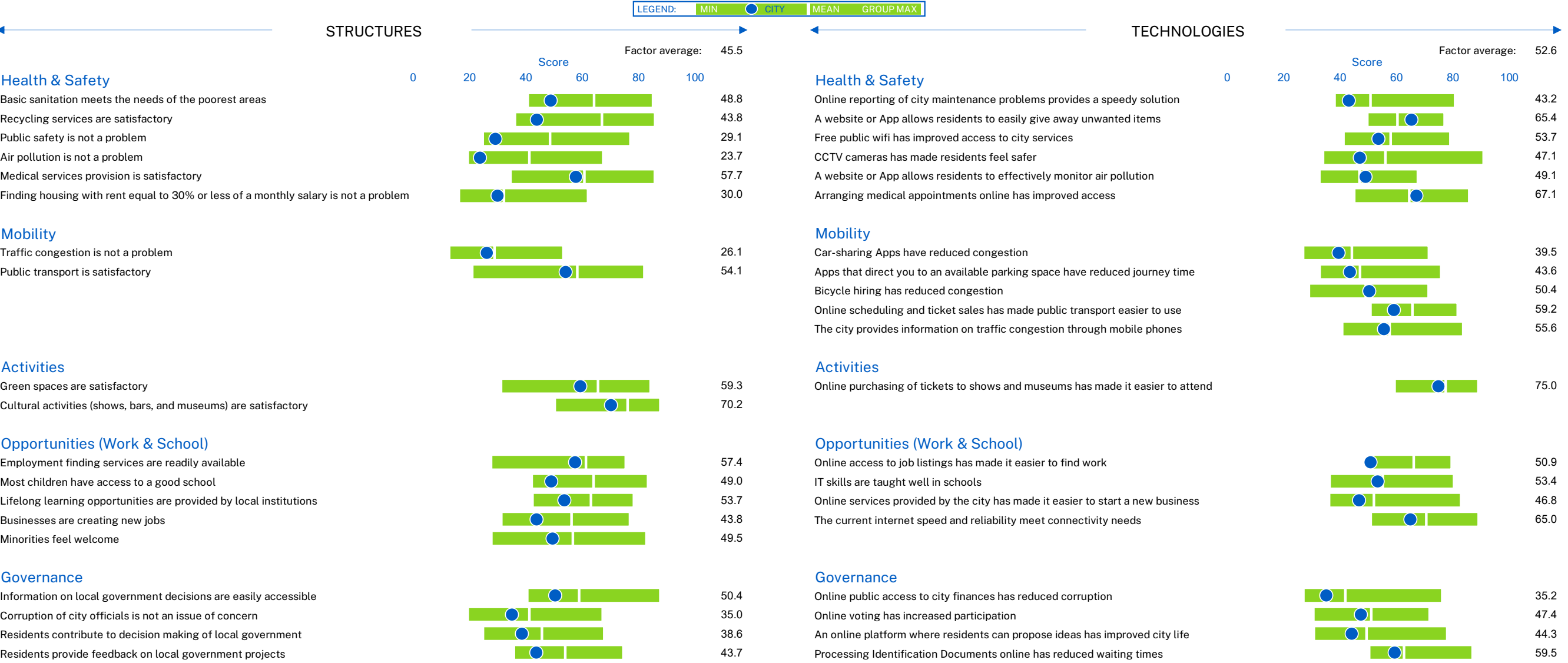
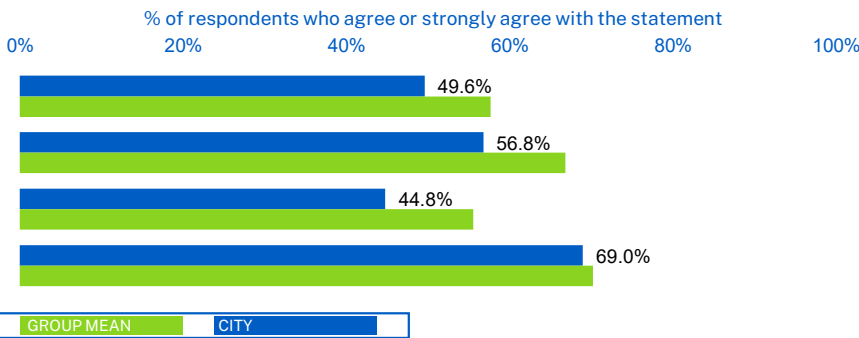
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

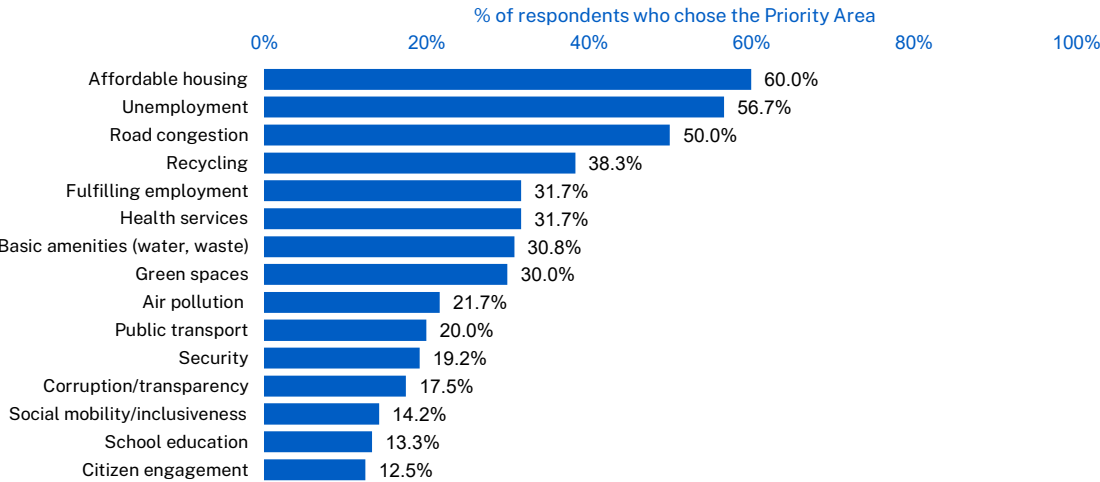
Country

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.



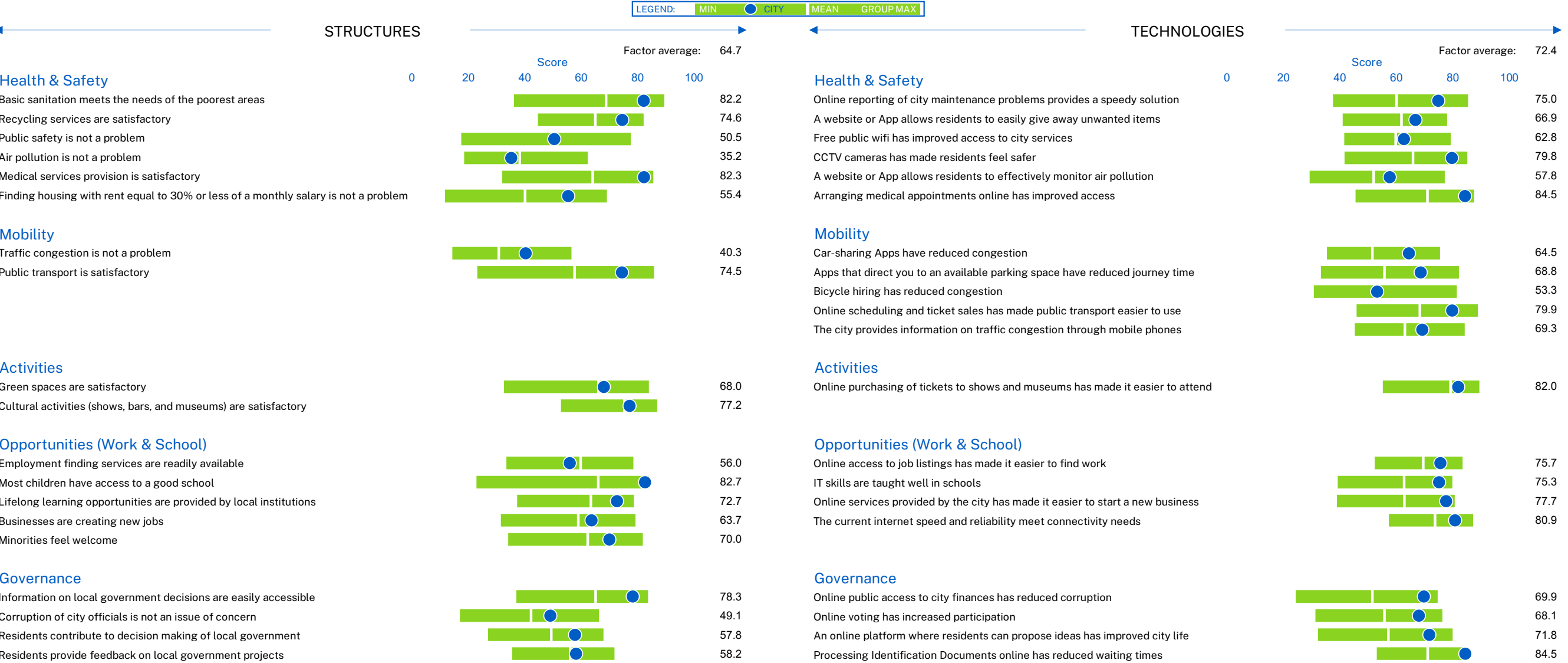
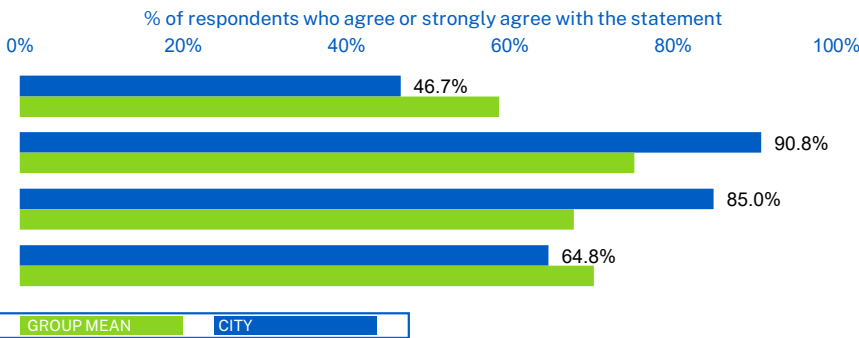
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

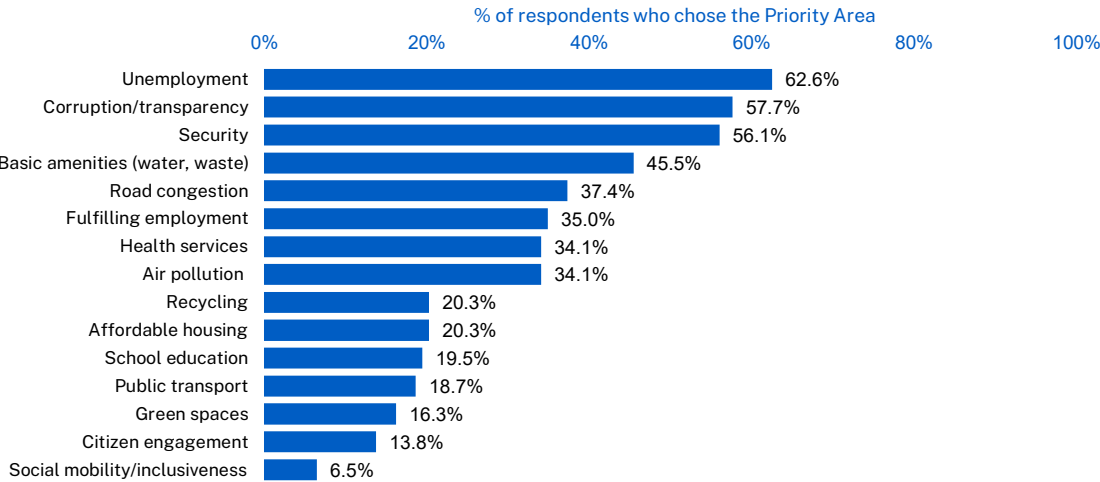
Country

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
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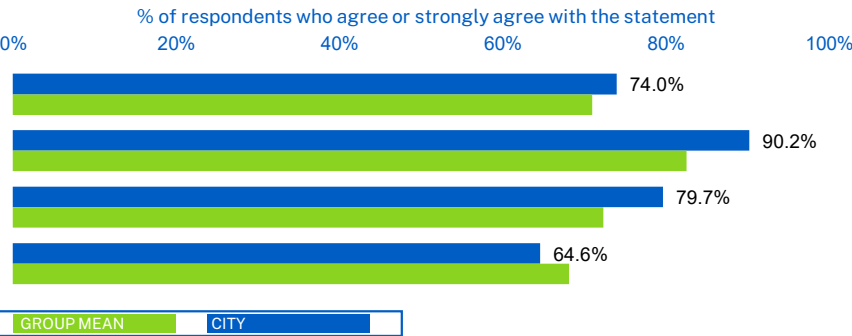
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

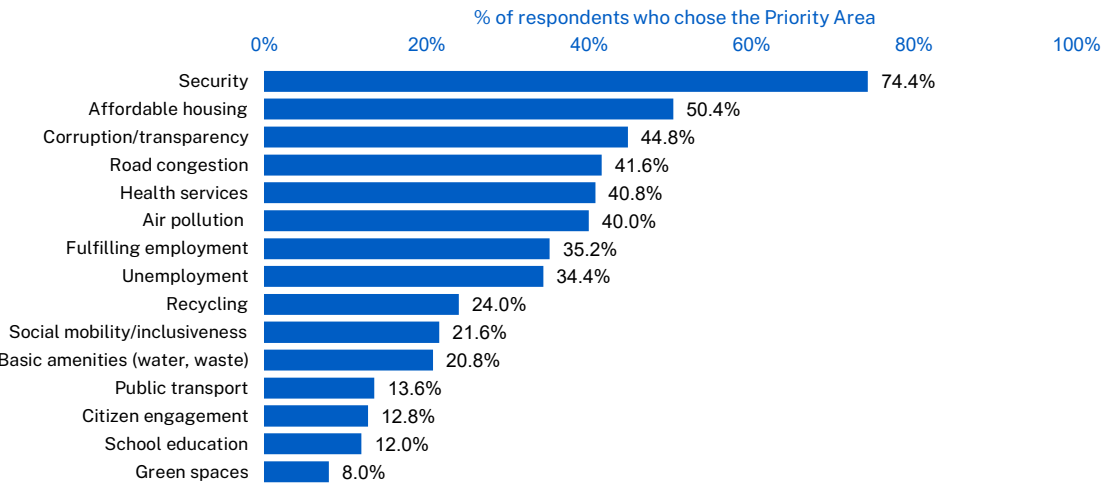
Country

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.



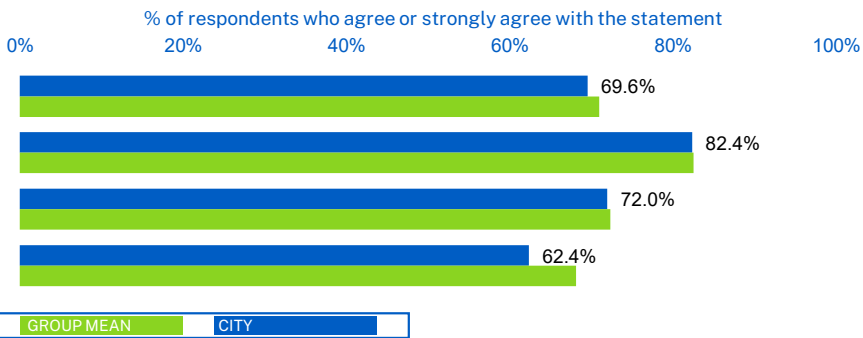
ATTITUDES

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The percentage of your day-to-day payment transactions



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

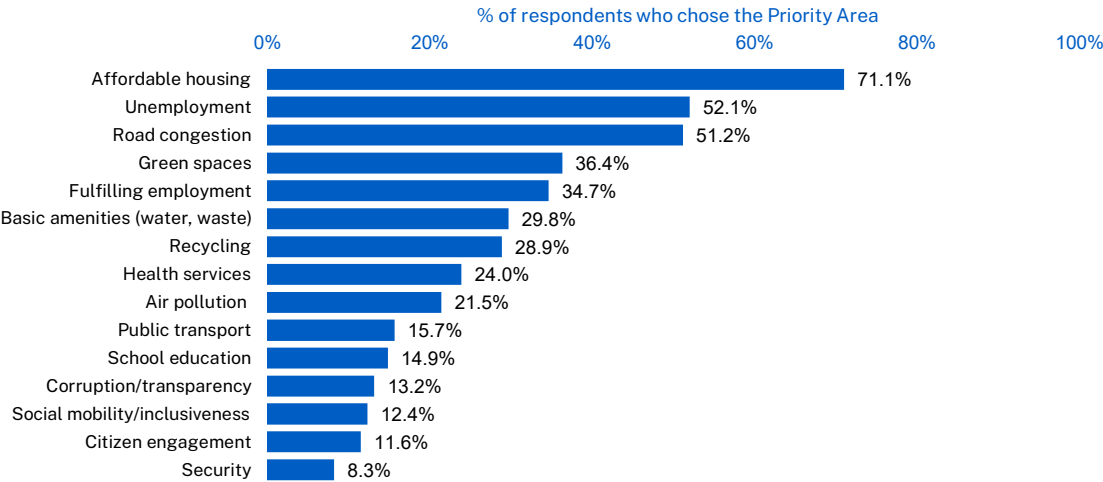
Country

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

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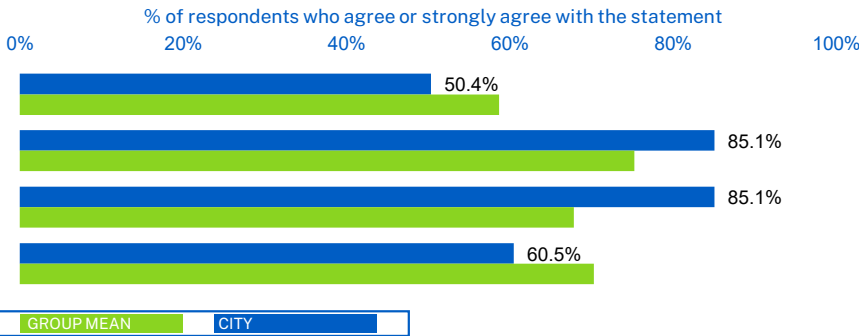
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 63.1

Score

0 20 40 60 80 100

83.2

71.0

48.2

30.8

78.0

51.6

37.0

72.0

67.4

75.9

54.6

78.3

69.8

58.5

71.4

78.6

51.9

61.6

59.8

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 69.8

Score

0 20 40 60 80 100

74.1

67.7

58.6

77.9

55.0

83.0

62.7

65.1

64.8

77.5

64.6

77.0

67.1

70.4

72.7

77.2

65.7

66.1

68.9

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

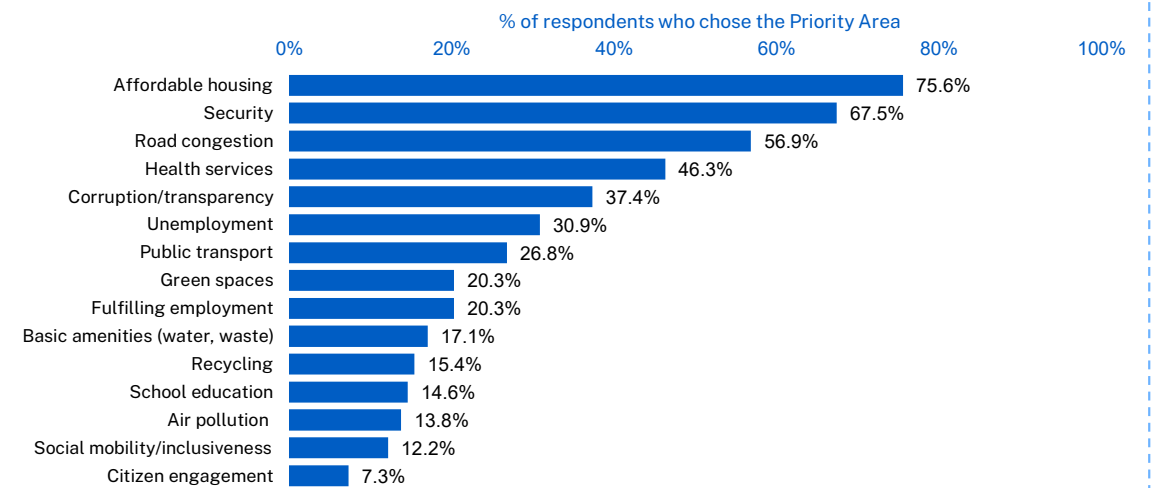
Country

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.



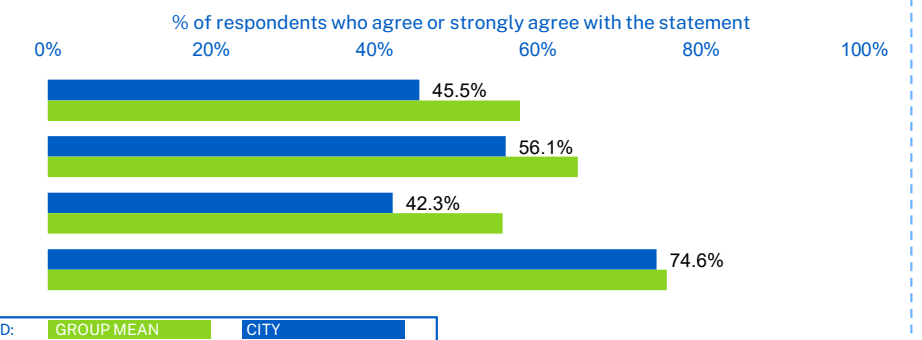
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

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Minorities feel welcome

Governance

Information on local government decisions are easily accessible

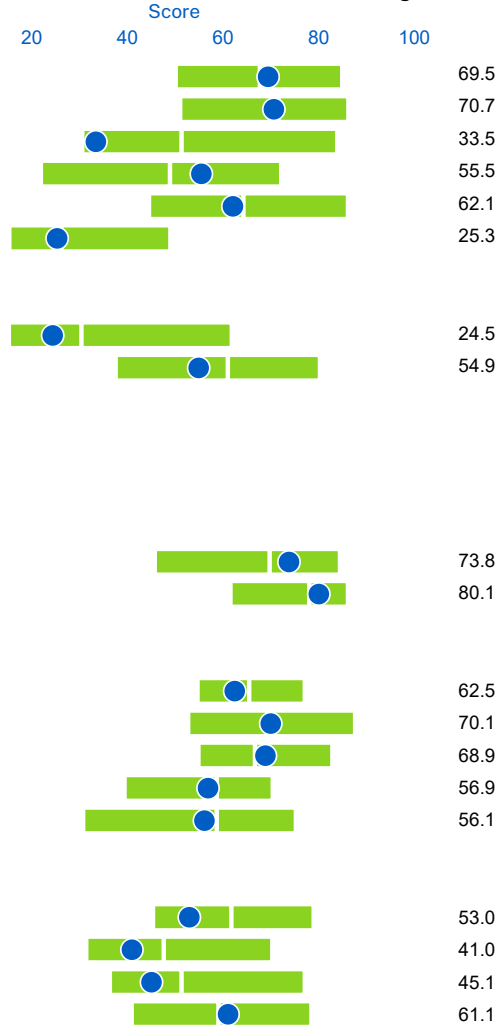
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Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 56.0



TECHNOLOGIES

Health & Safety

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CCTV cameras has made residents feel safer

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Mobility

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Governance

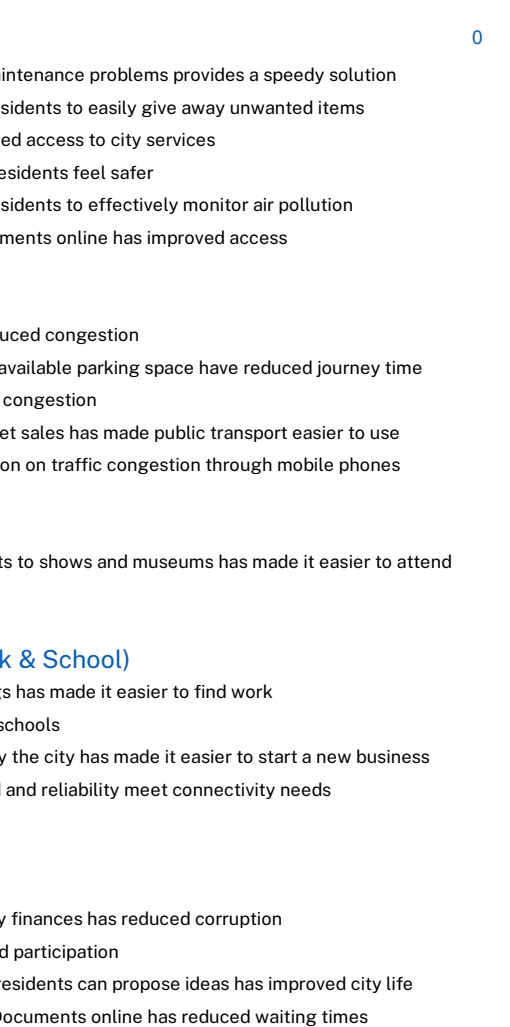
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 53.5



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

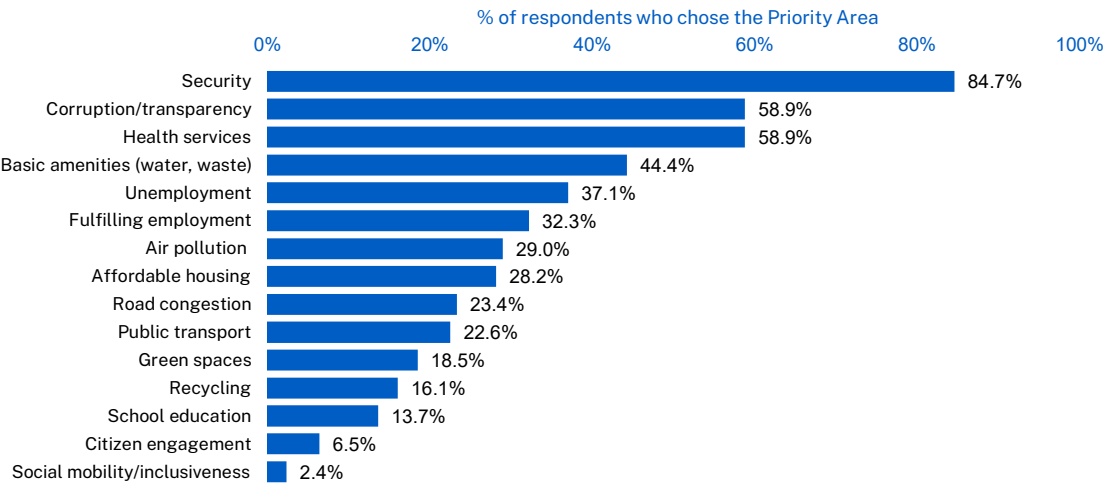
Country

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.



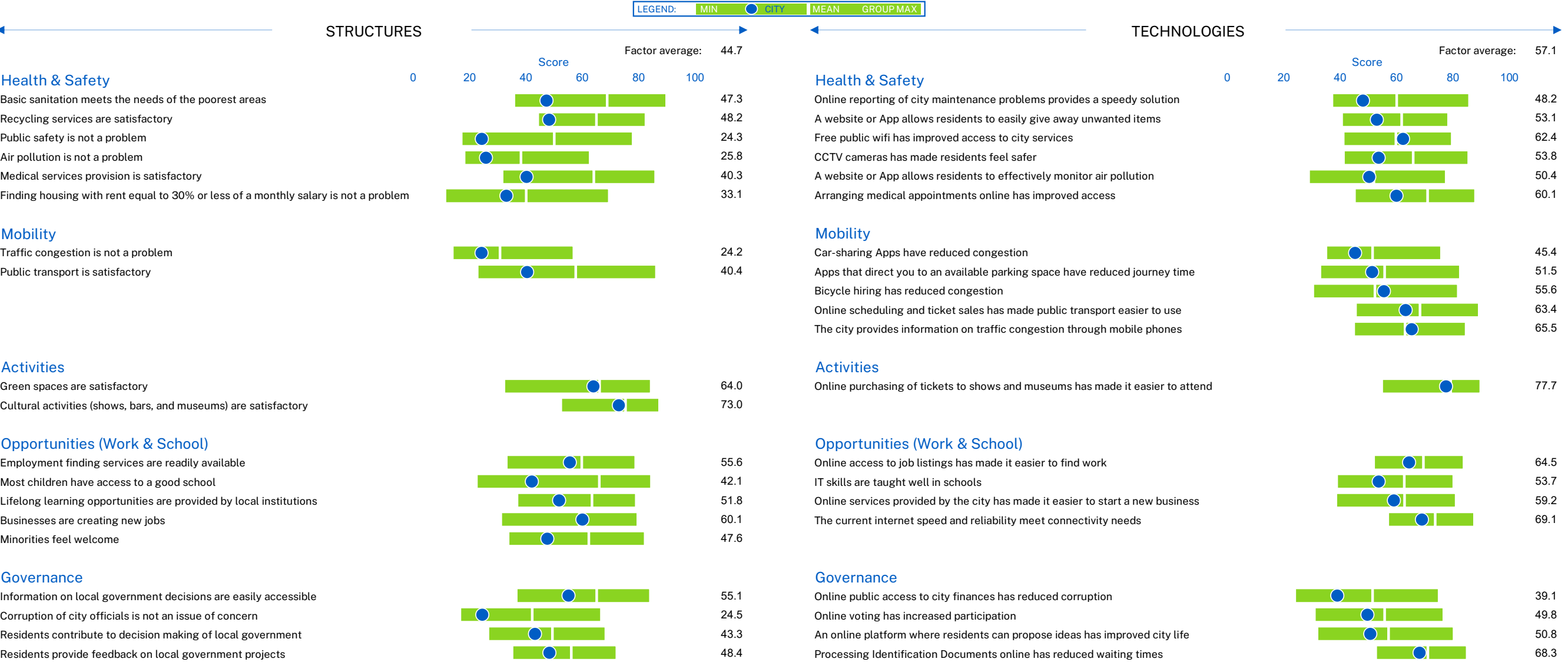
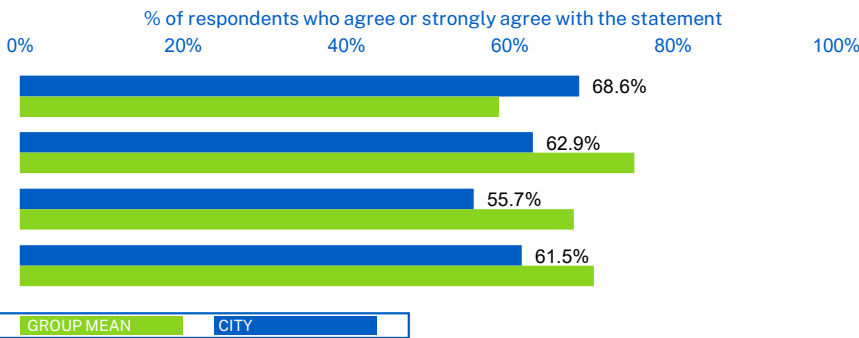
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

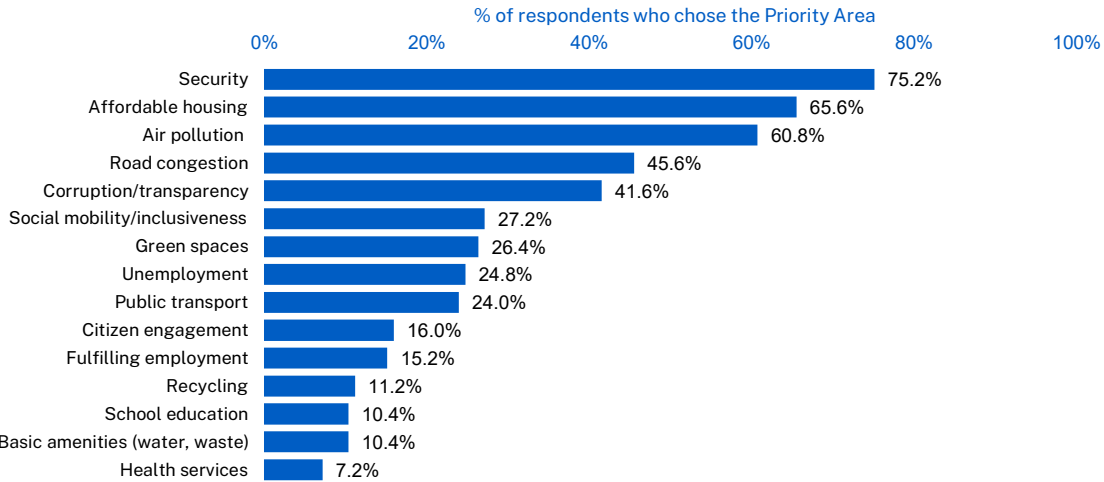
Country

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.



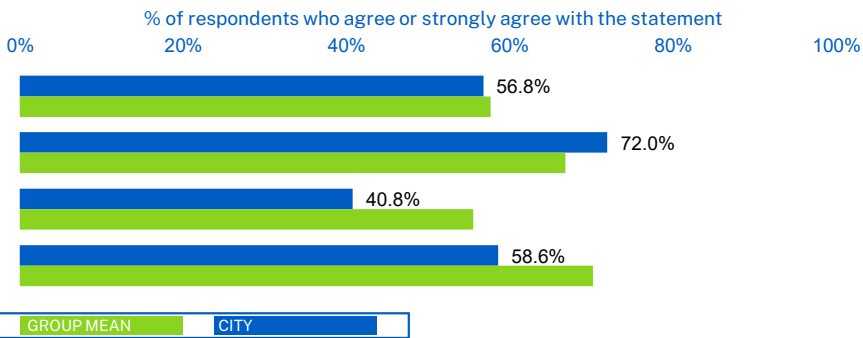
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

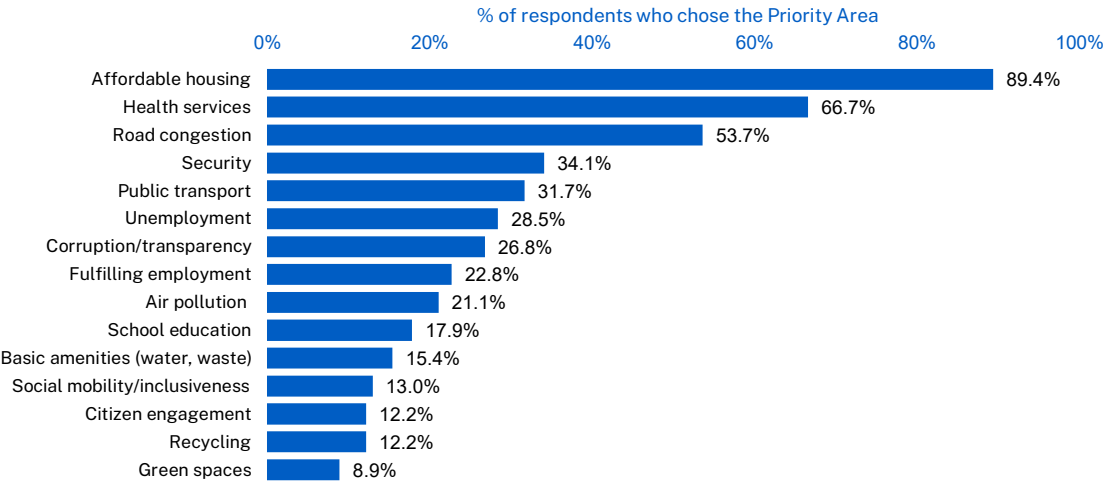
Country

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.



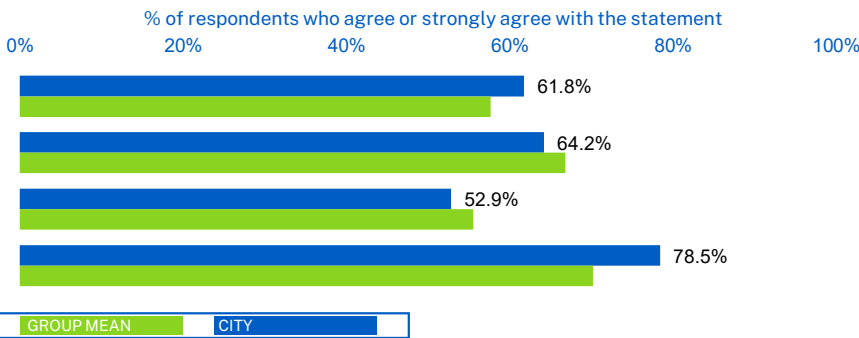
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

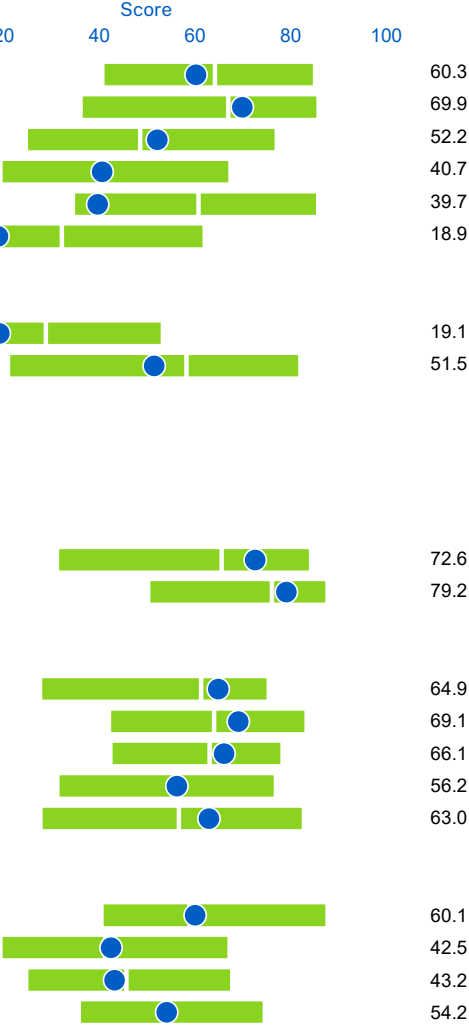
Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 53.8



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

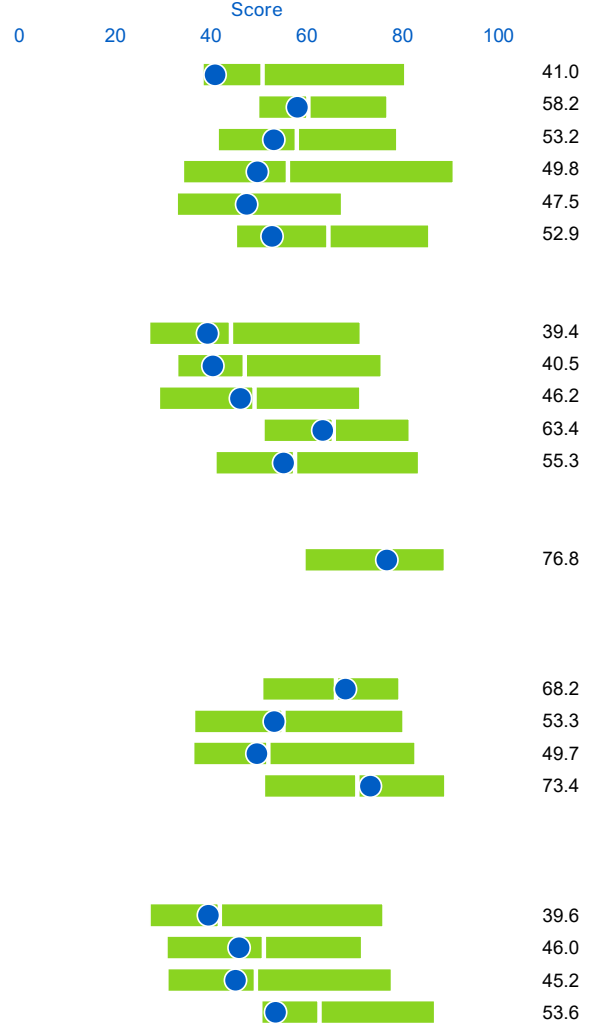
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 52.7



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

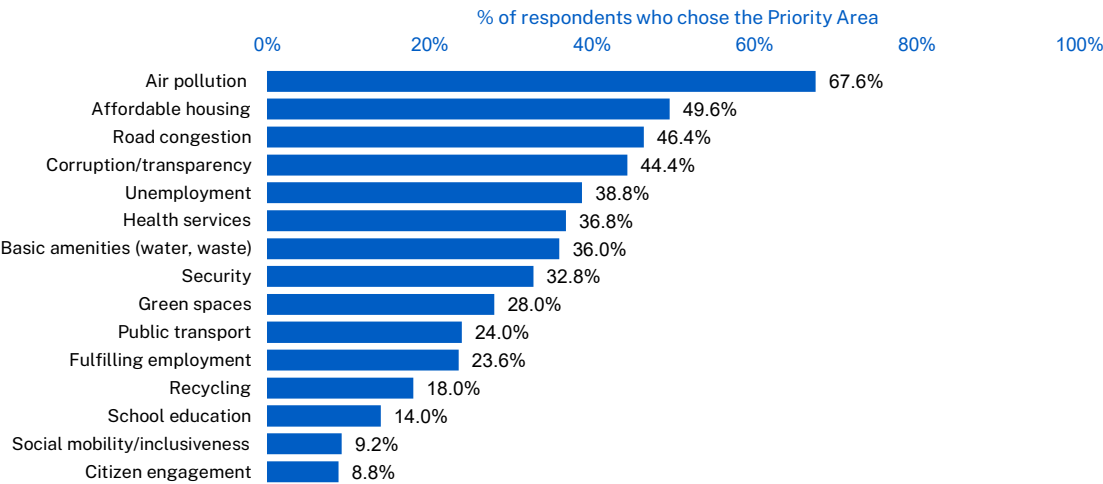
Country

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.



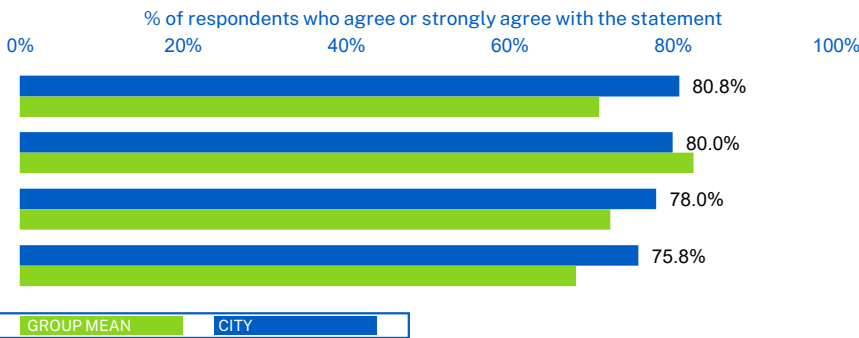
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

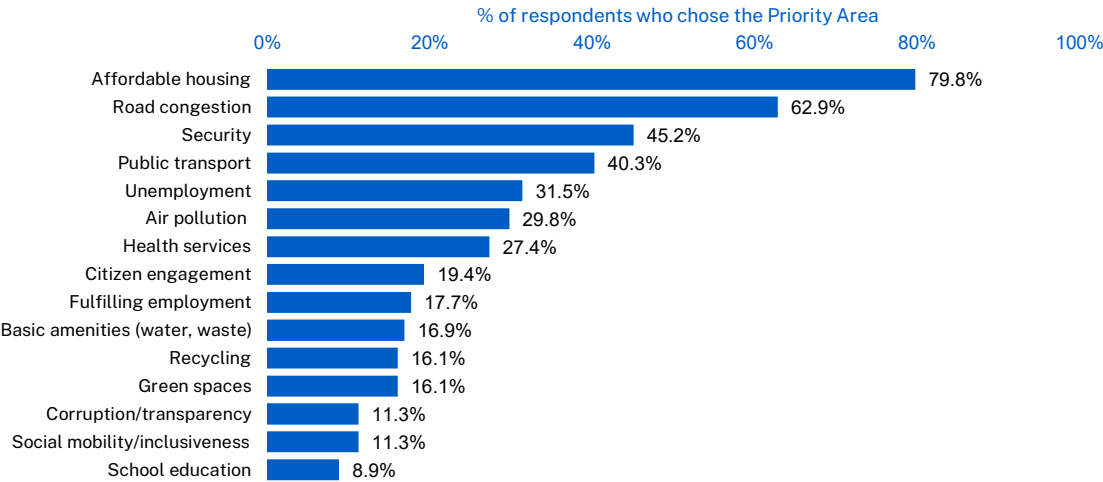
Country

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

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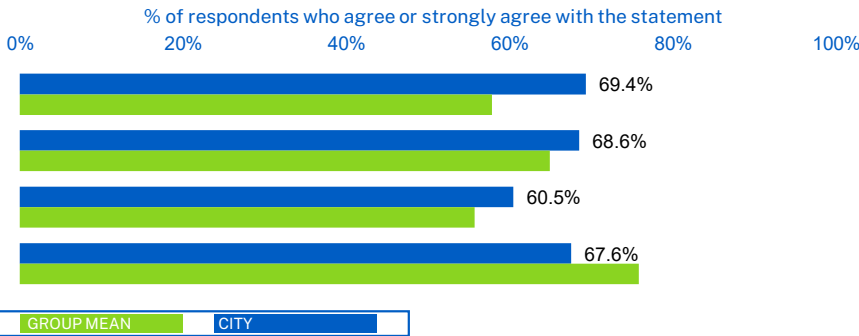
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

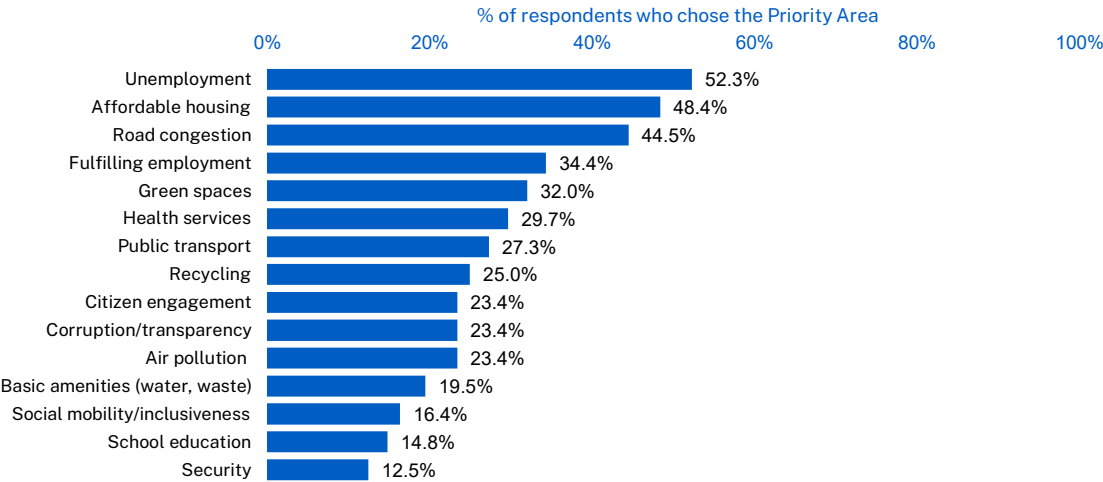
Country

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

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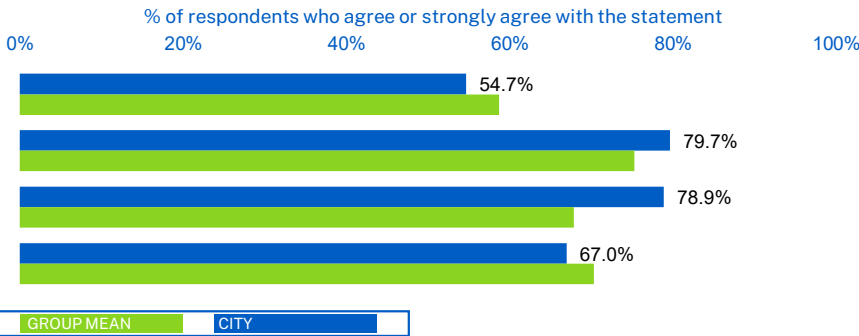
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

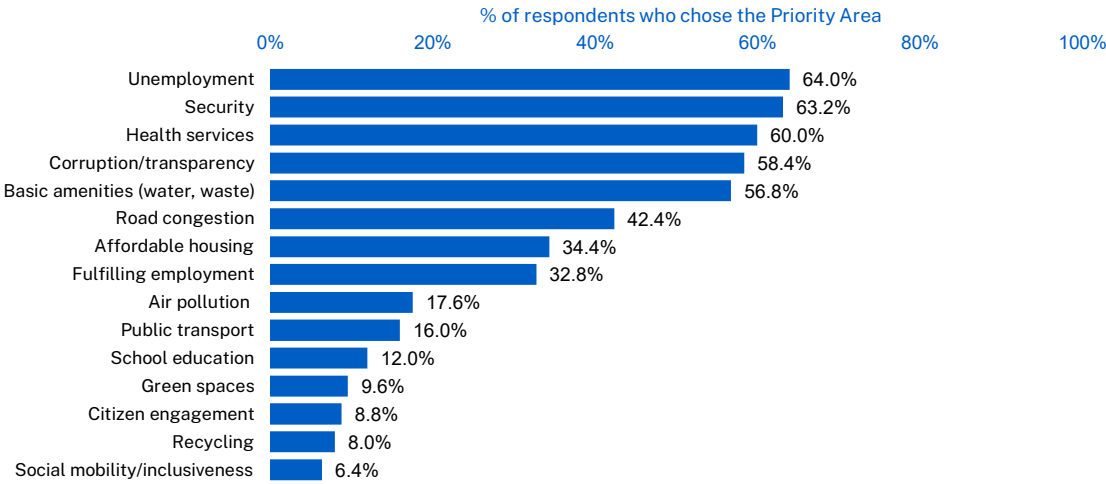
Country

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.



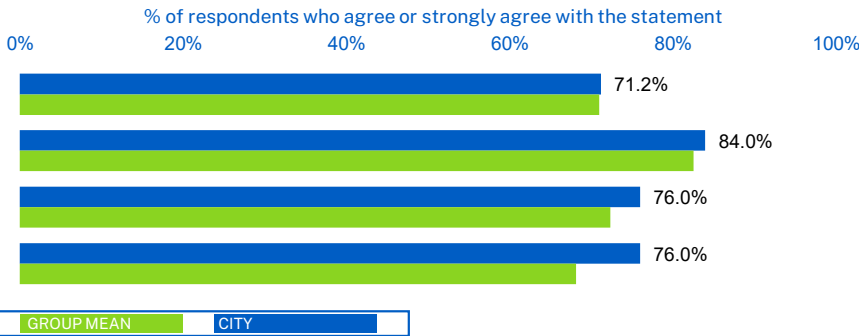
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

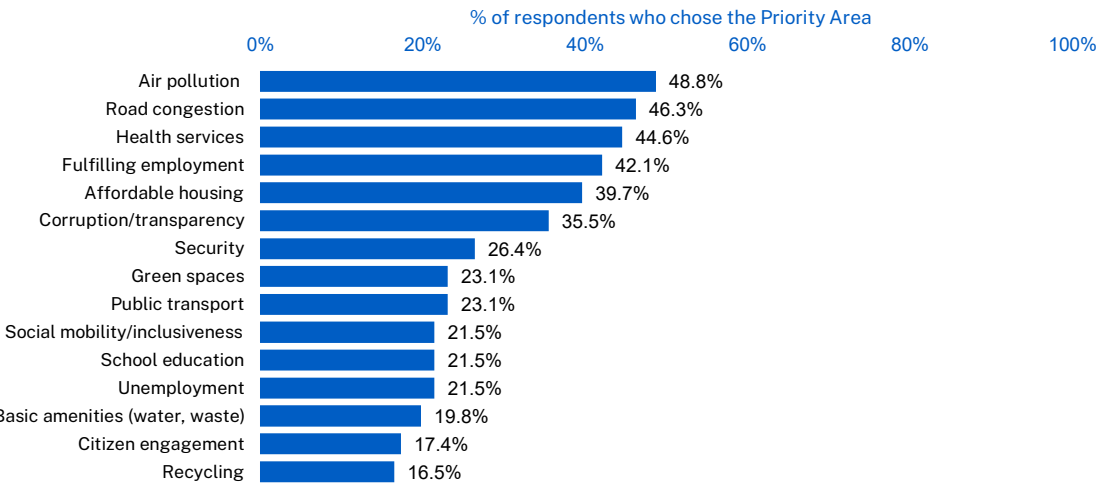
Country

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
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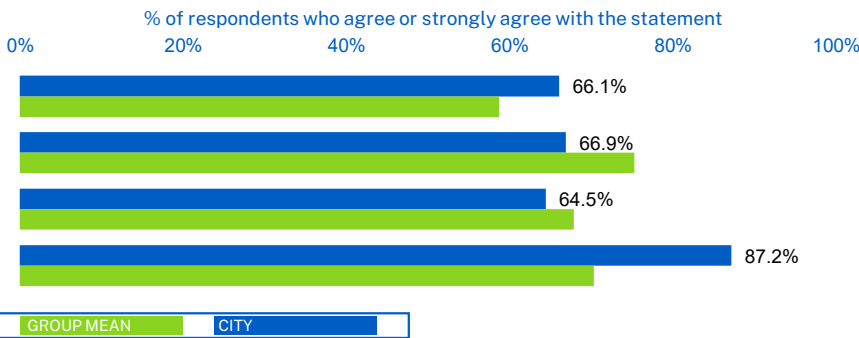
ATTITUDES

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lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

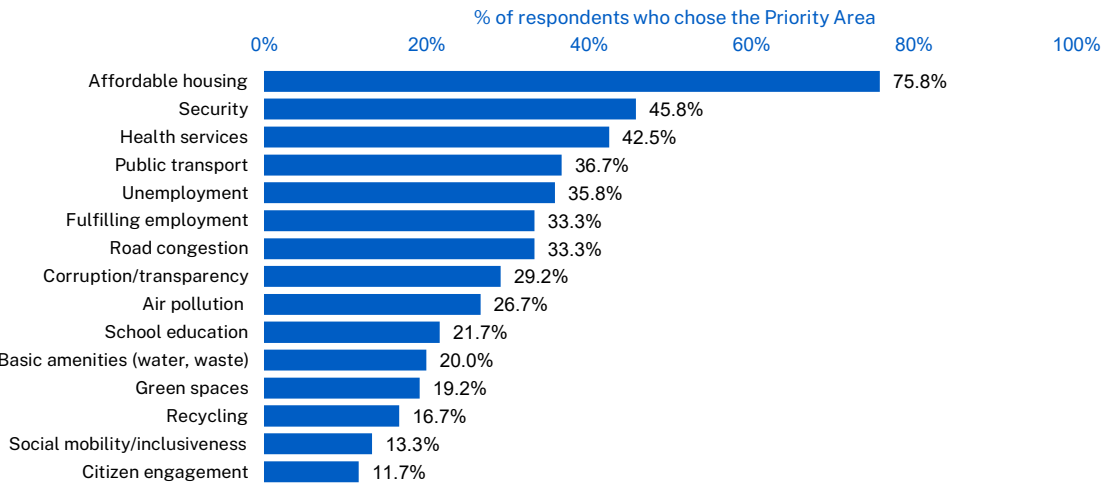
Country

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.



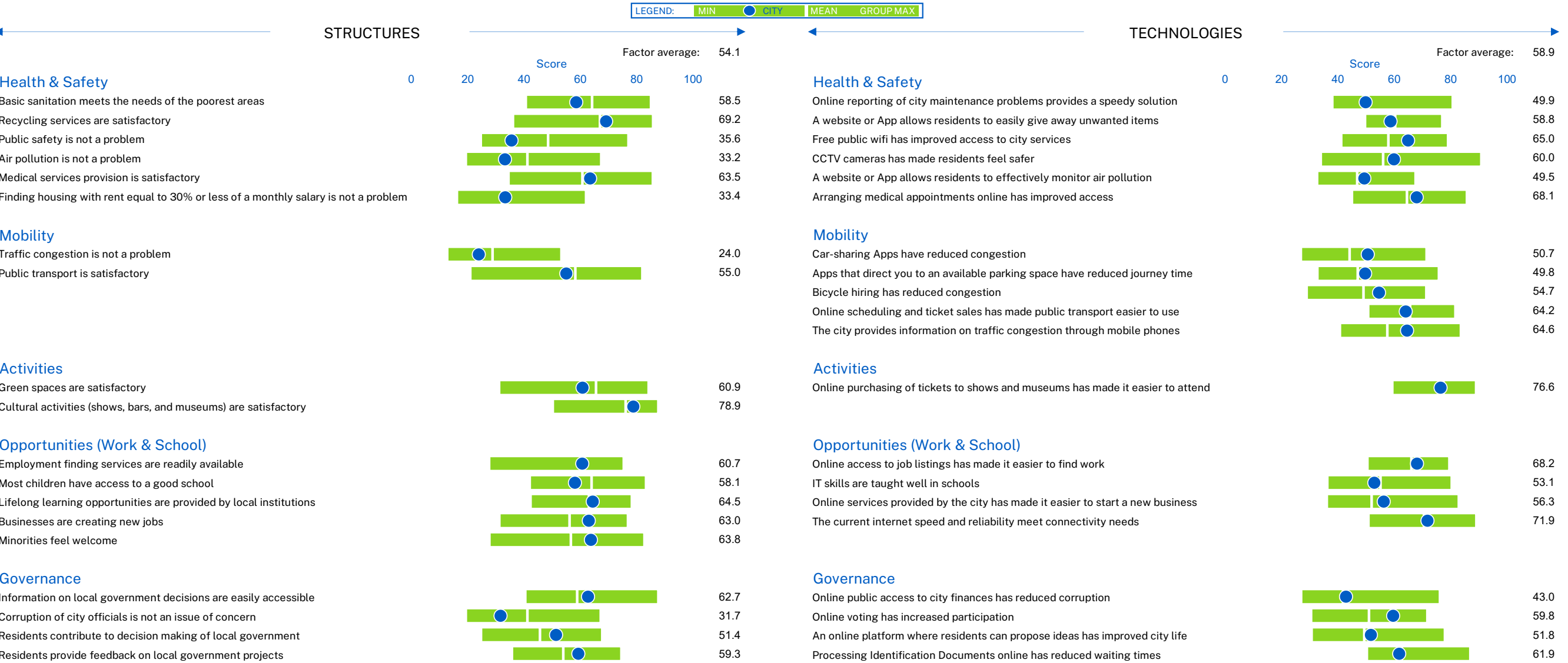
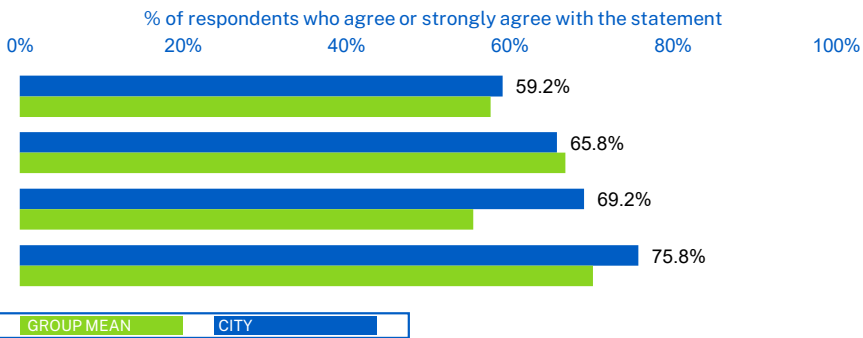
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

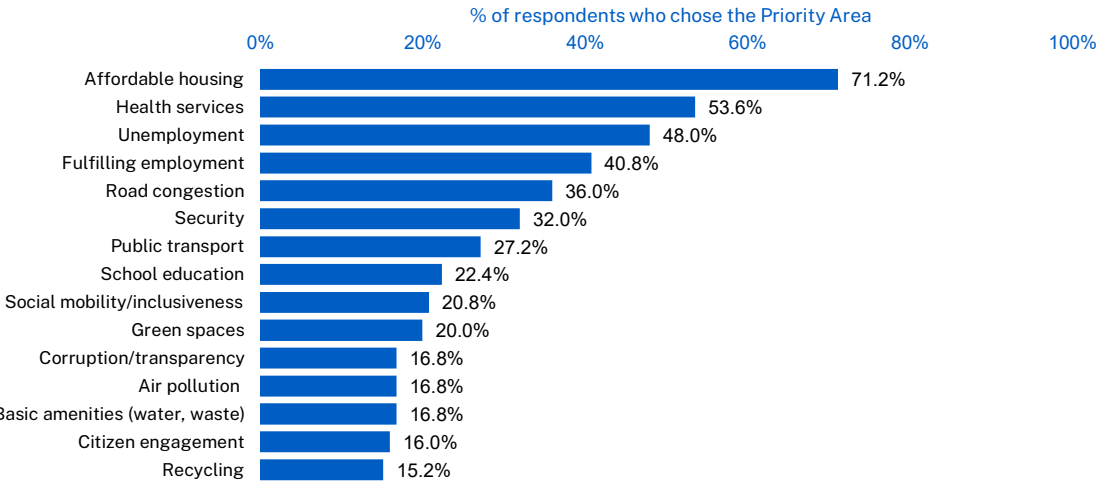
Country

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.



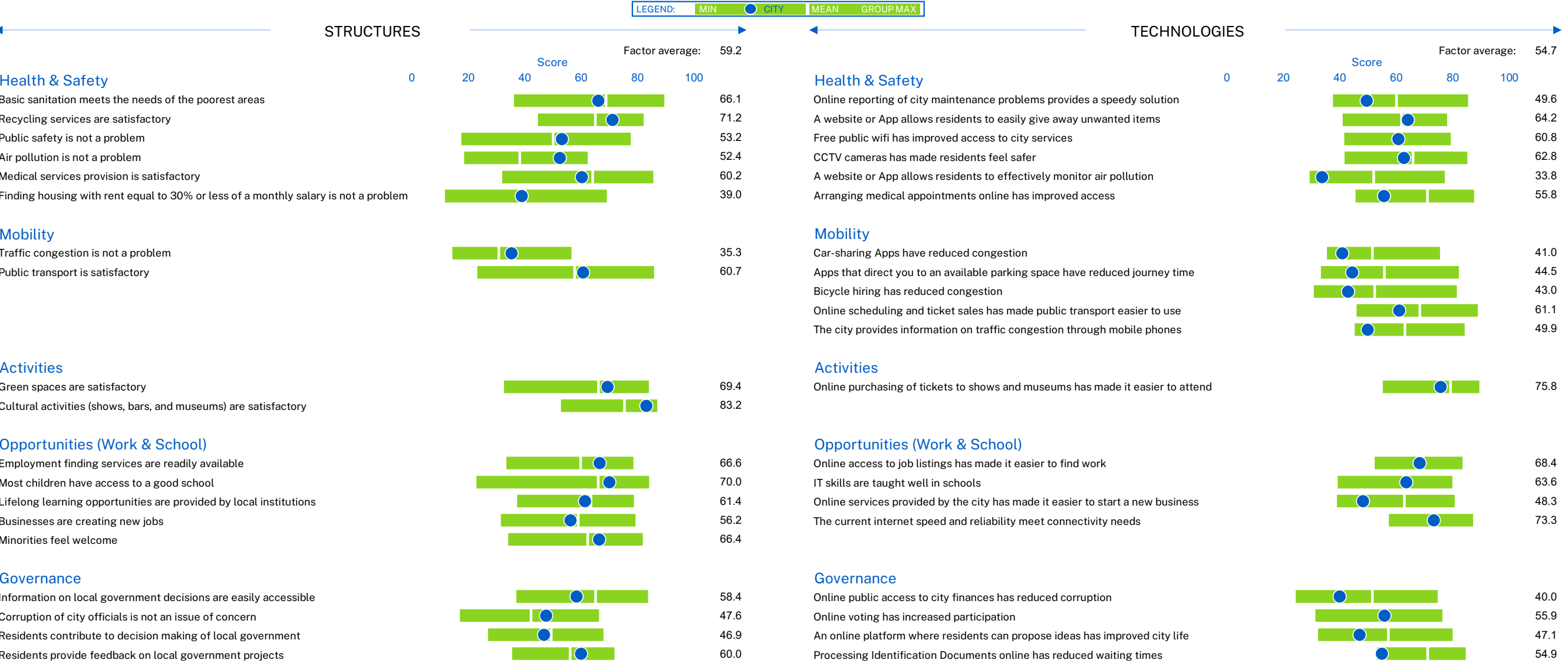
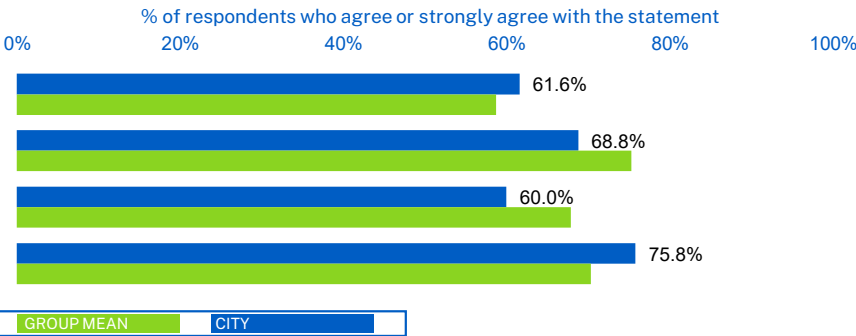
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

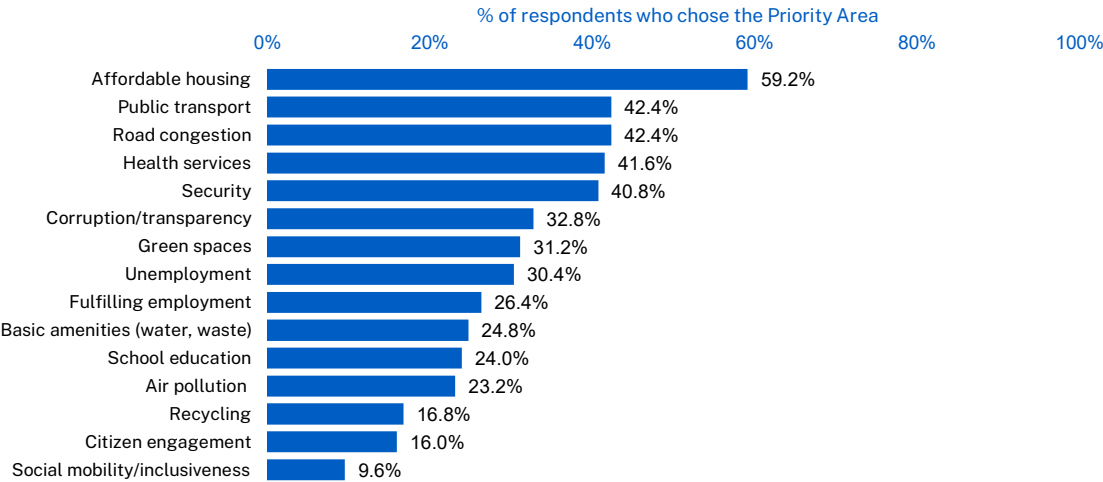
Country

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.



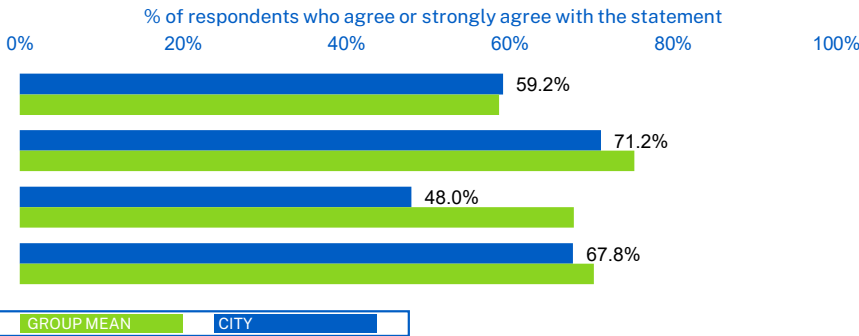
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

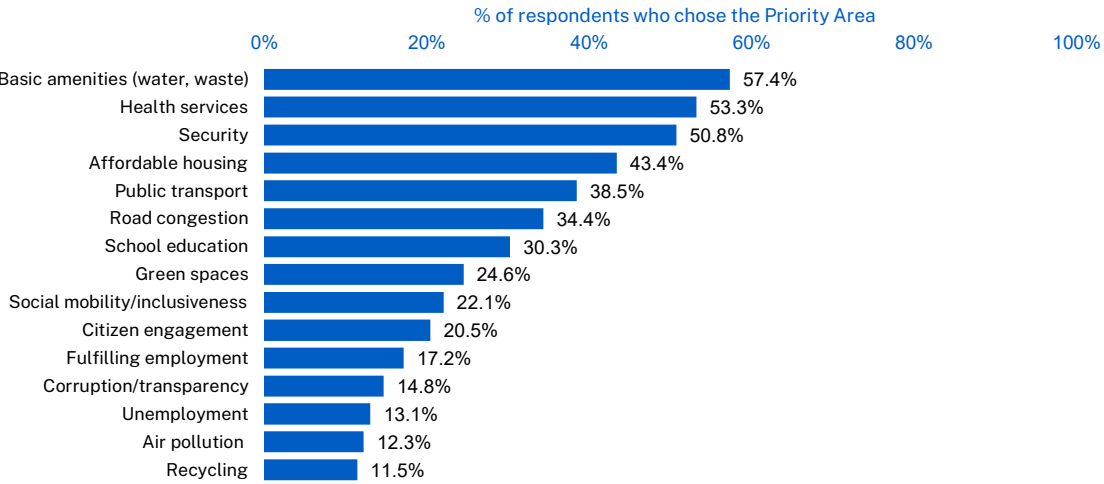
Country

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.



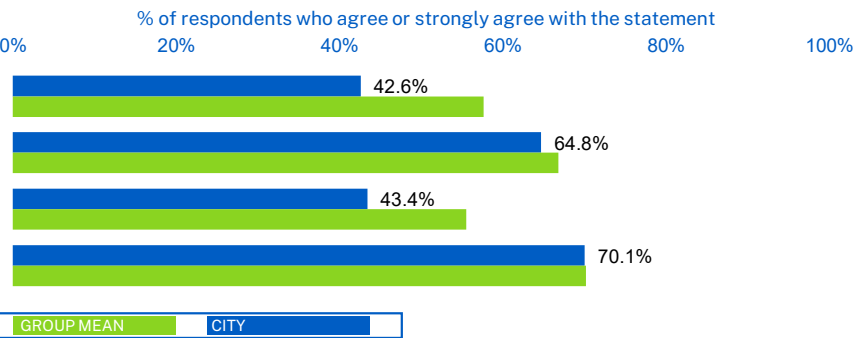
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

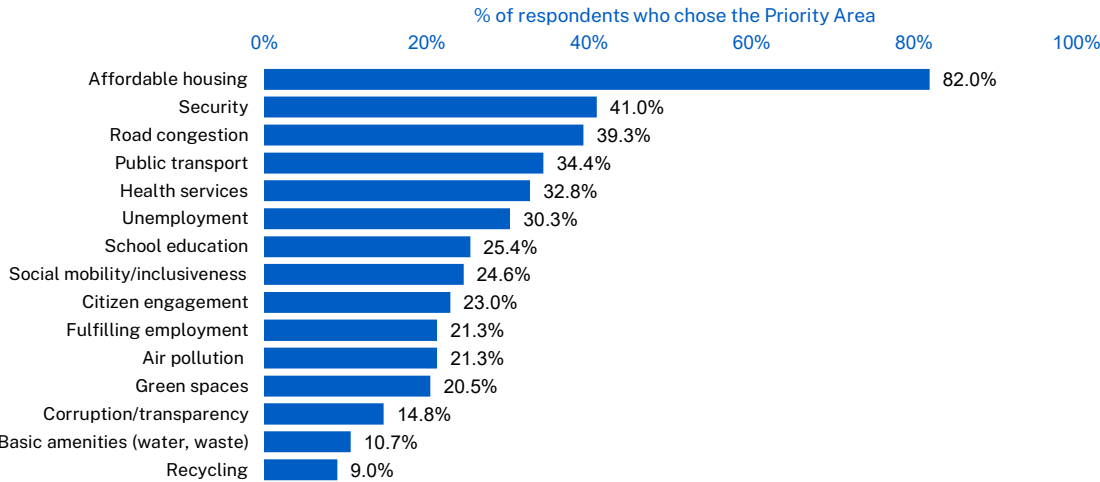
Country

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.



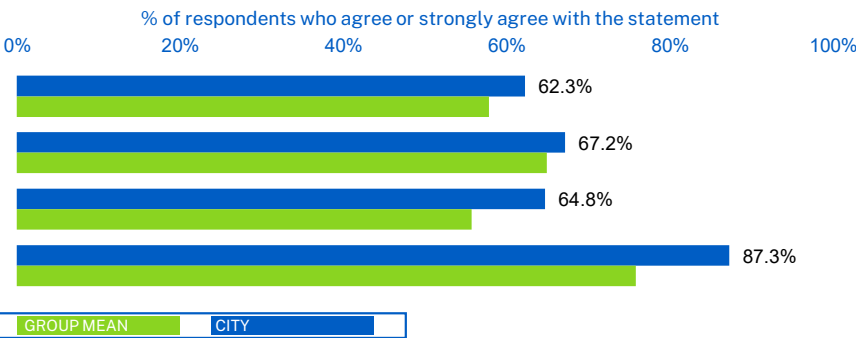
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

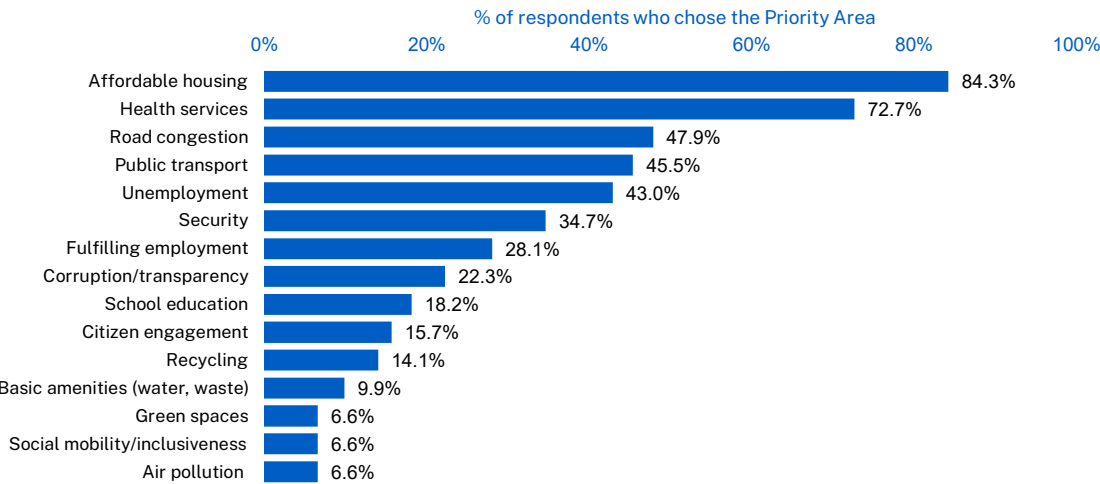
Country

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.



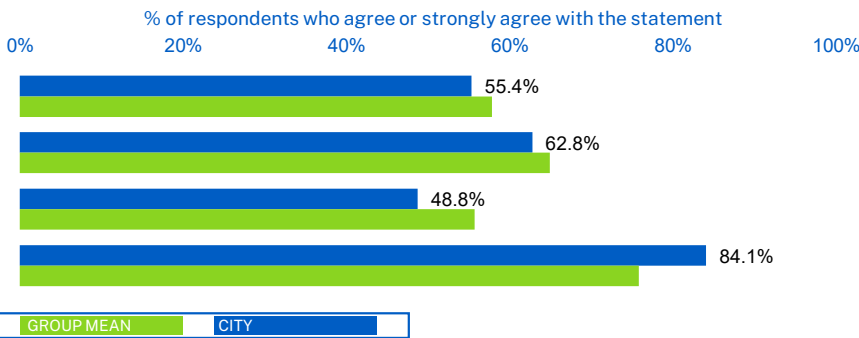
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

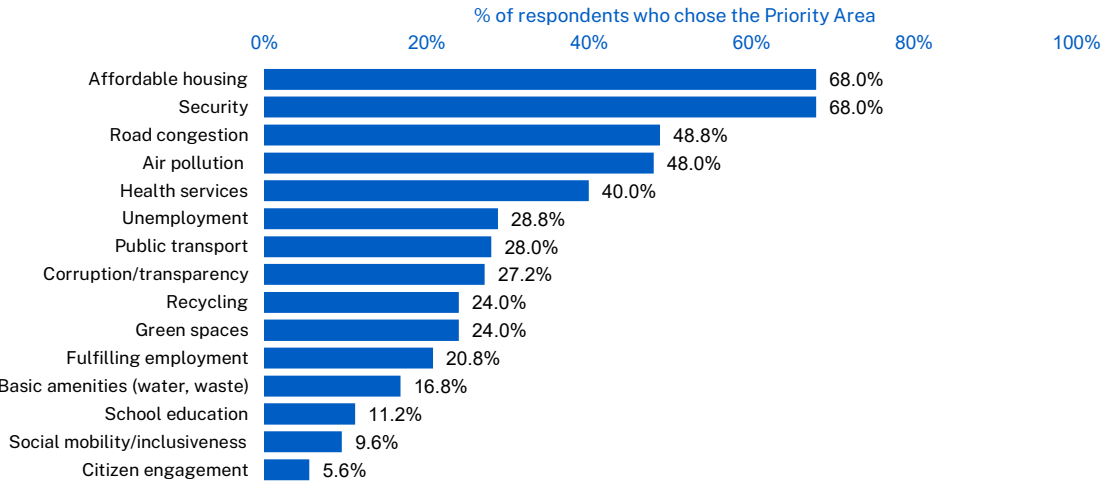
Country

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.



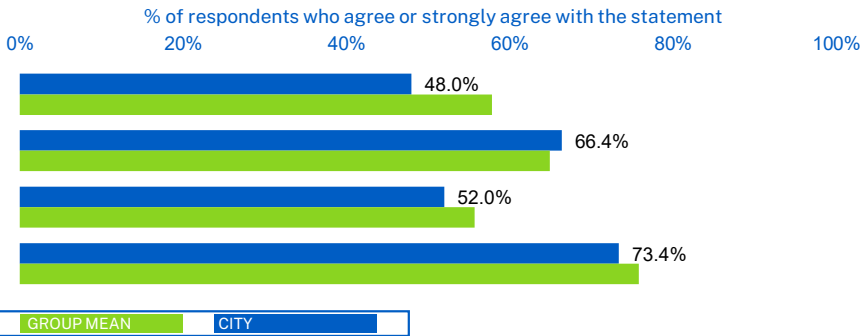
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

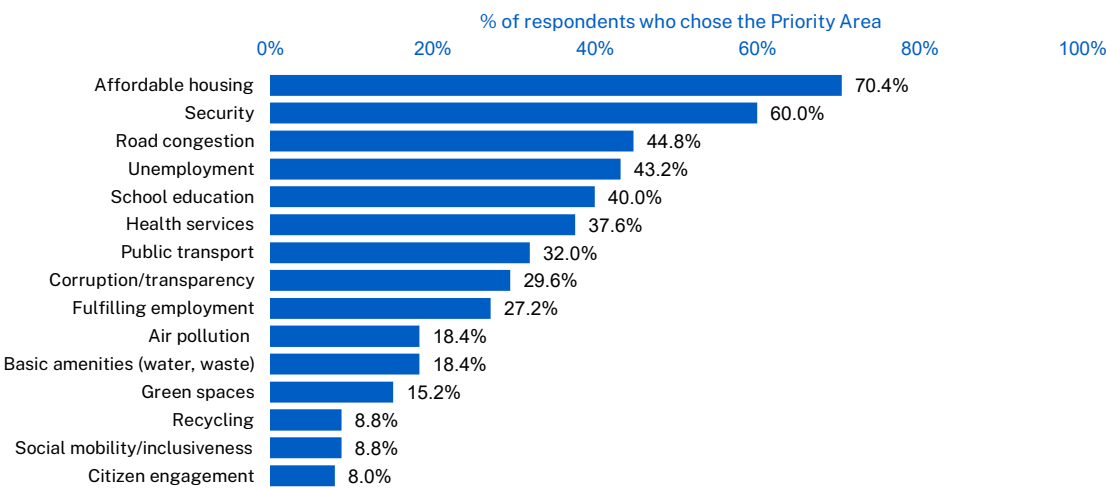
Country

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.



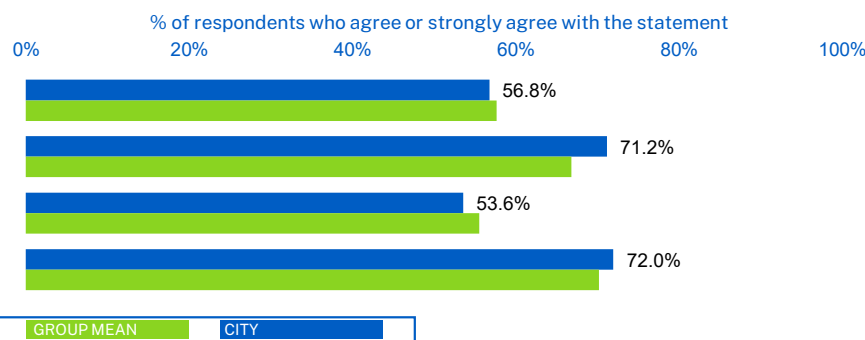
ATTITUDES

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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 49.9

Score

0 20 40 60 80 100

47.6

60.6

29.5

33.2

63.1

31.5

21.5

49.7

54.3

76.7

60.5

47.2

56.4

56.5

60.9

61.1

35.6

44.7

57.1

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 51.8

Score

0 20 40 60 80 100

41.1

56.6

50.6

50.6

39.5

63.9

44.9

42.9

42.8

60.4

53.7

73.9

61.2

45.3

48.5

66.7

39.0

53.7

45.5

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

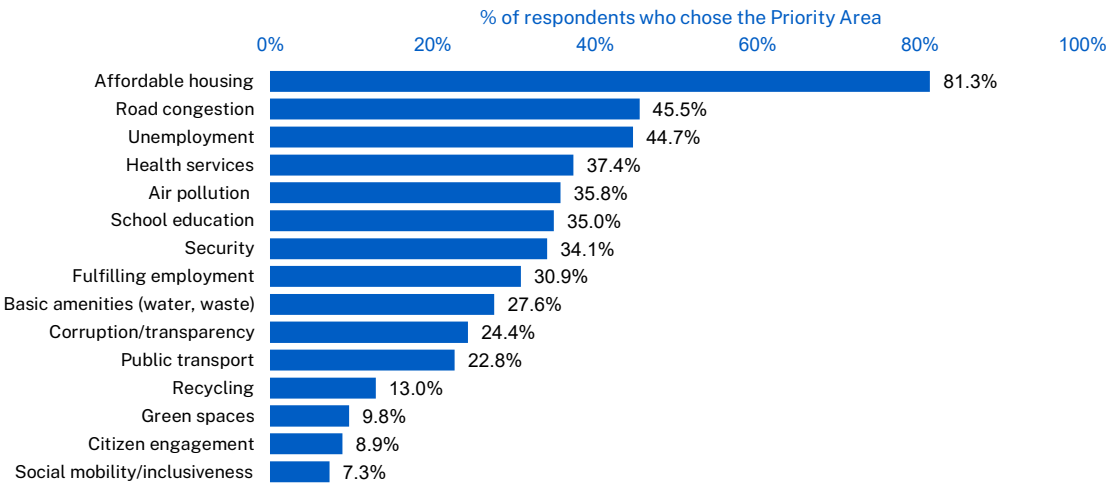
Country

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
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responses per indicator,
the greater the priority
for the respondents.



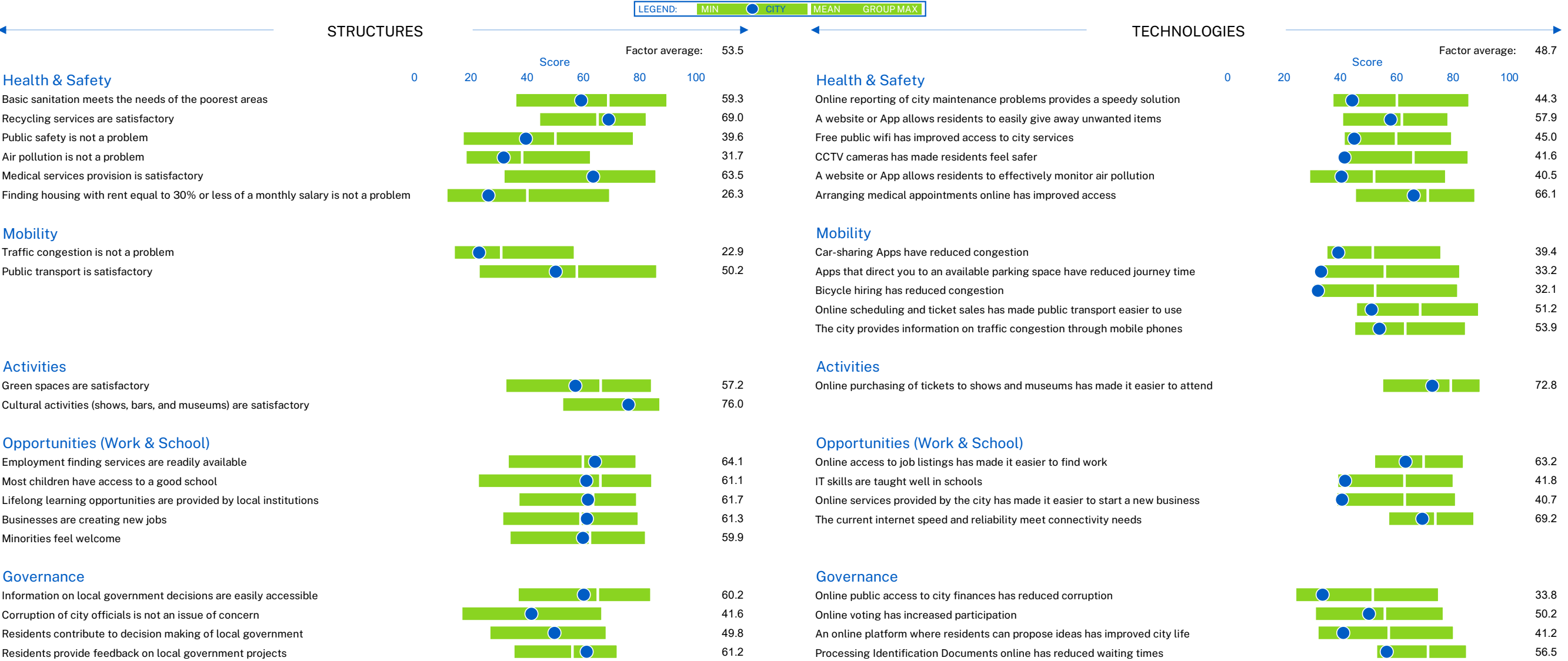
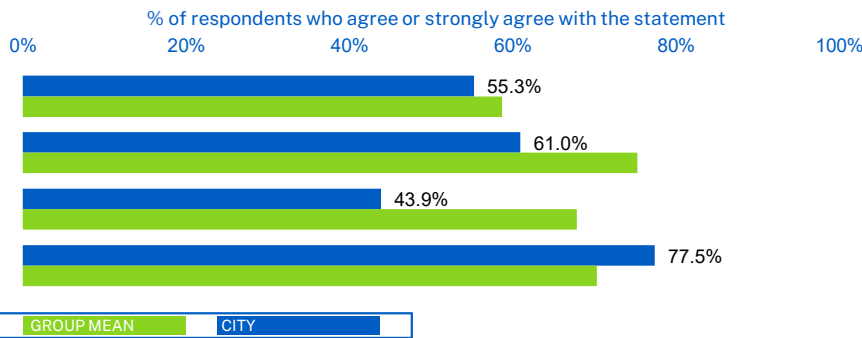
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

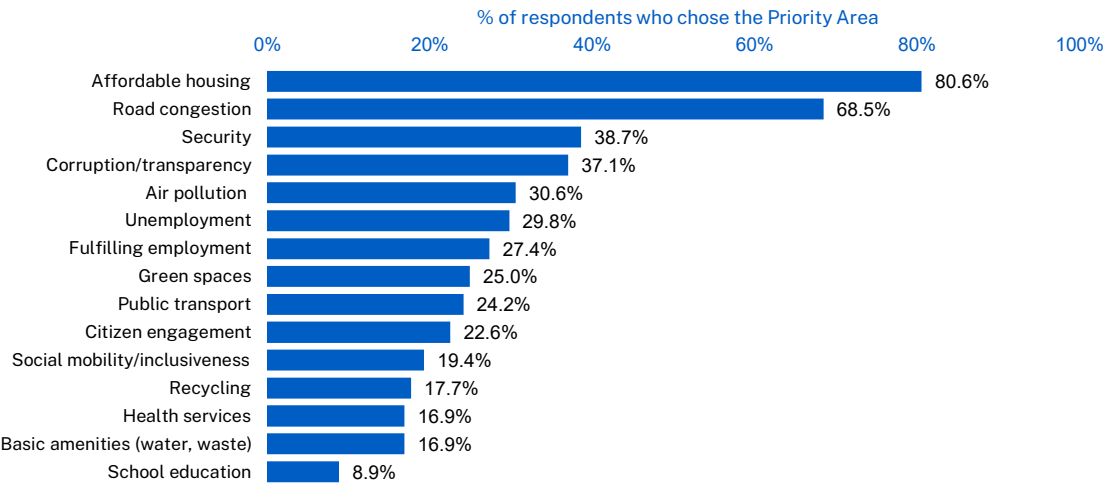
Country

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

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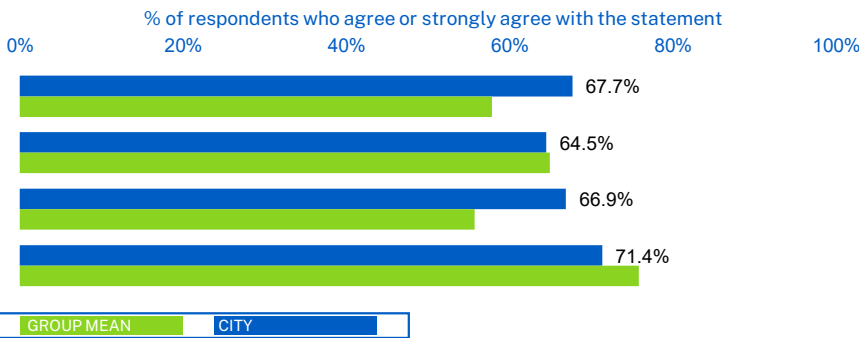
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

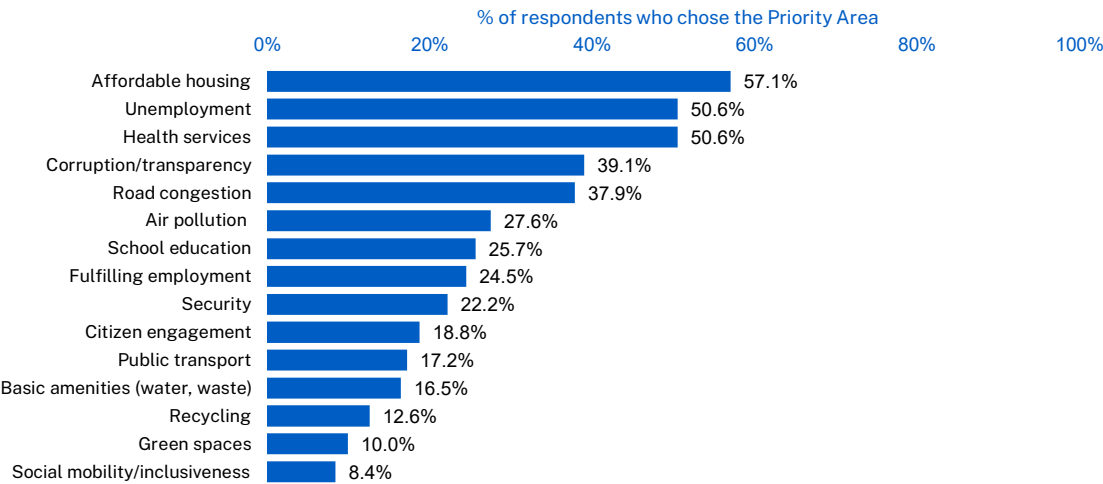
Country

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

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indicators, survey
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to select five that they
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urgent for their city. The
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the greater the priority
for the respondents.



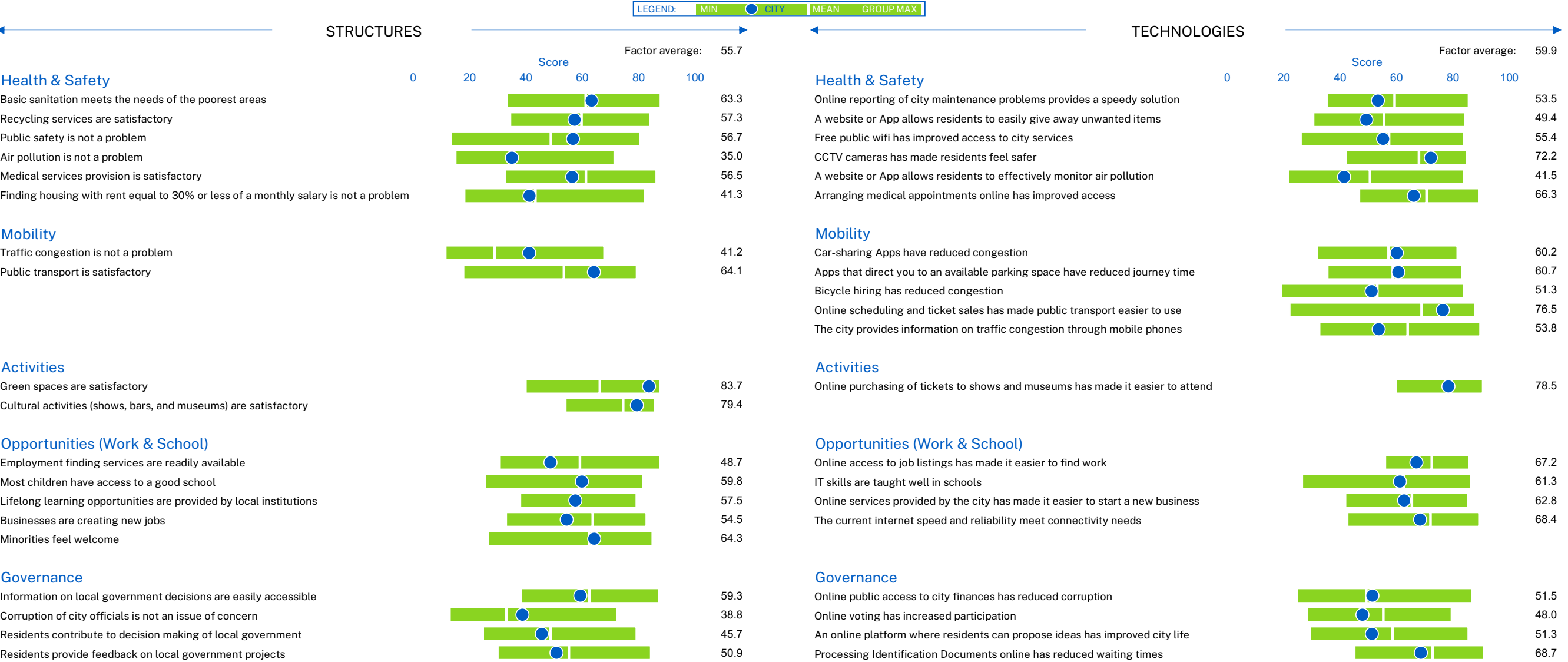
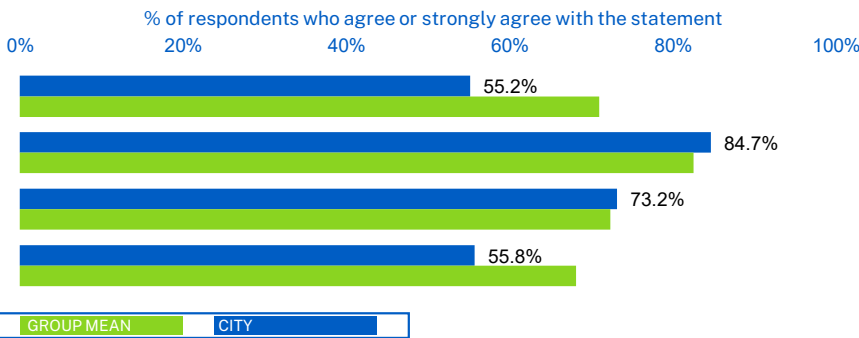
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

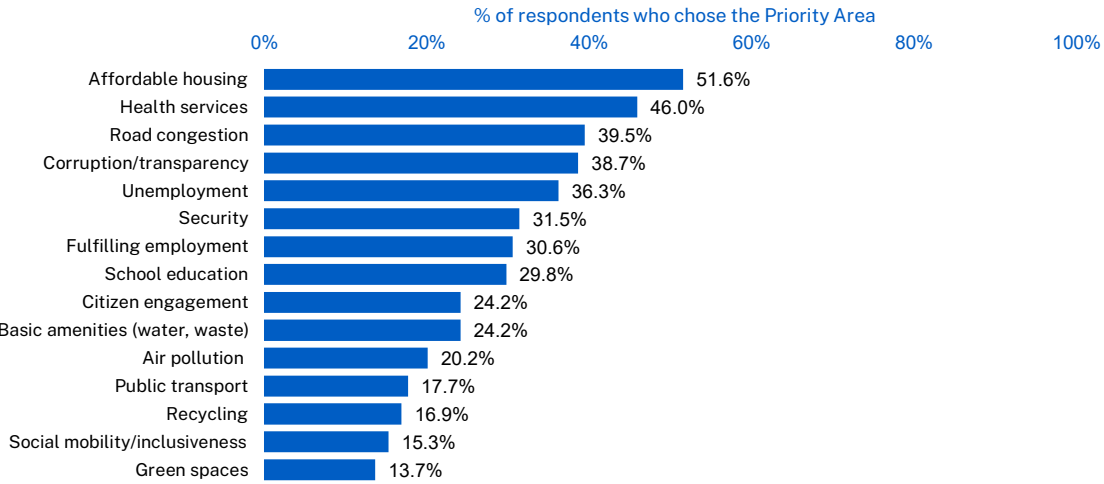
Country

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.



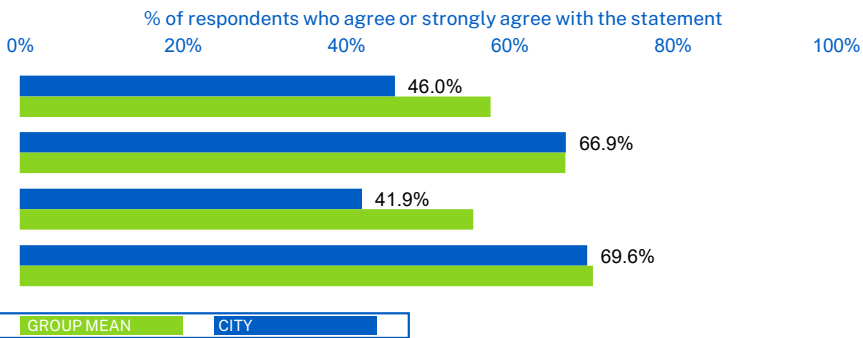
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

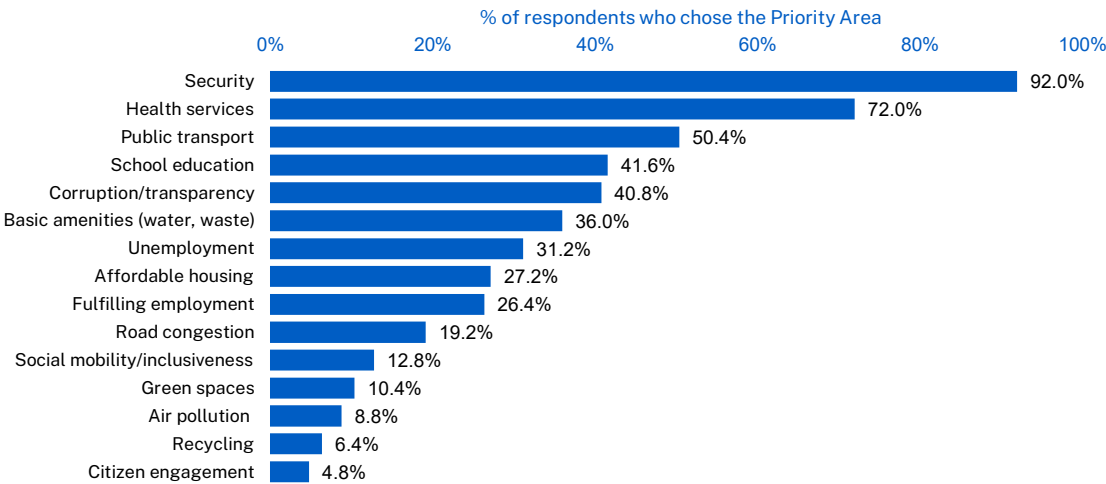
Country

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.



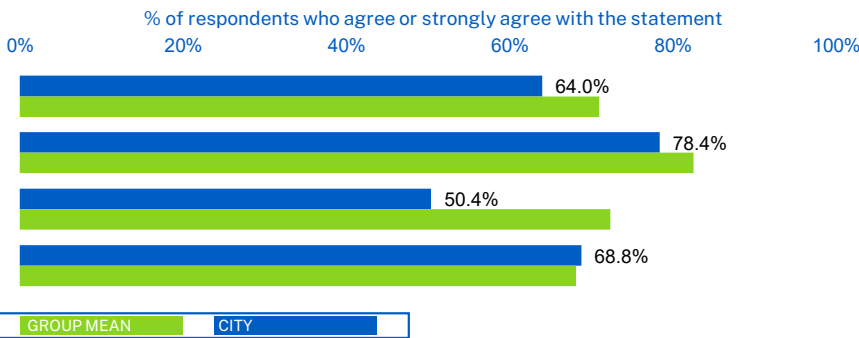
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

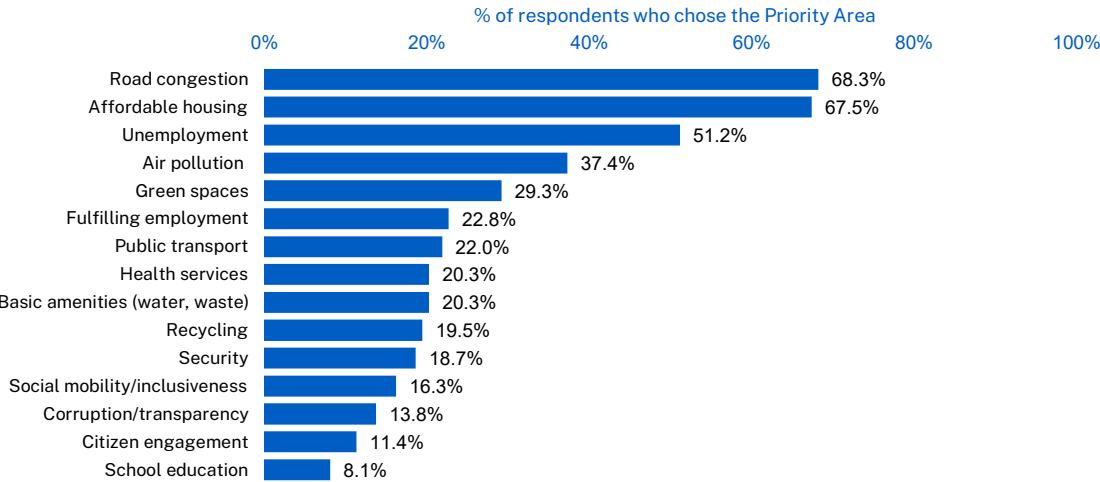
Country

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
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to select five that they
perceived as the most
urgent for their city. The
higher the percentage of
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the greater the priority
for the respondents.



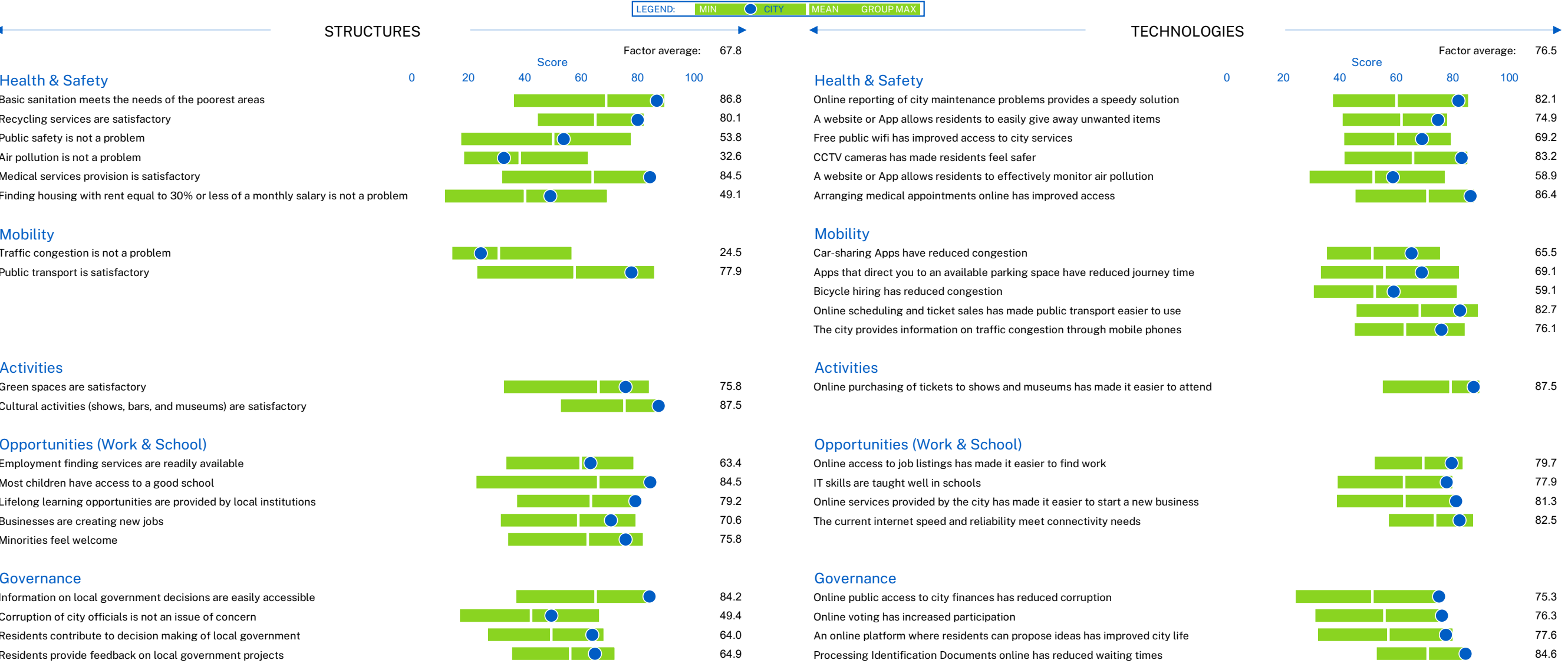
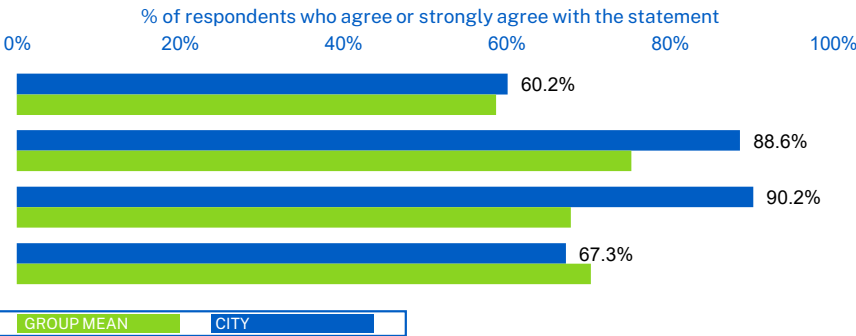
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

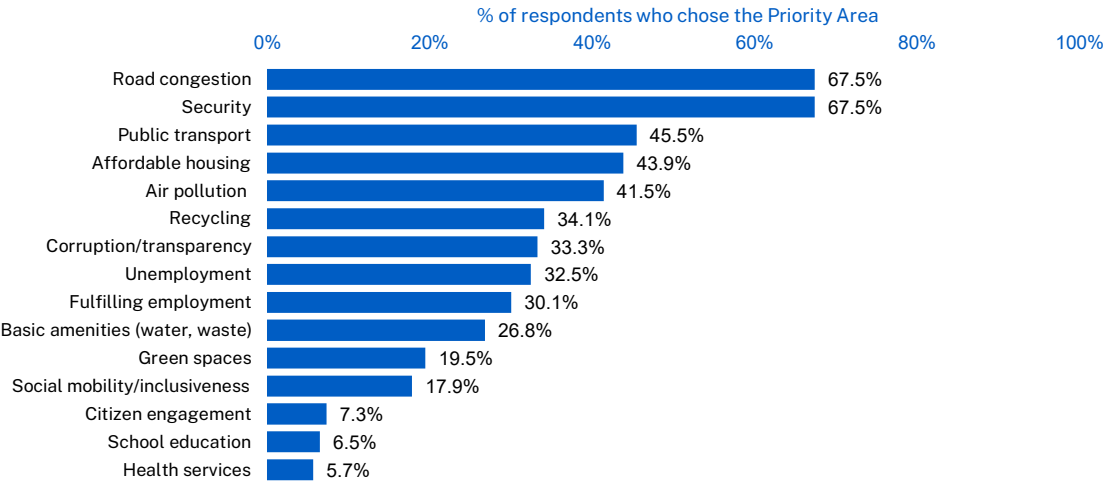
Country

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.



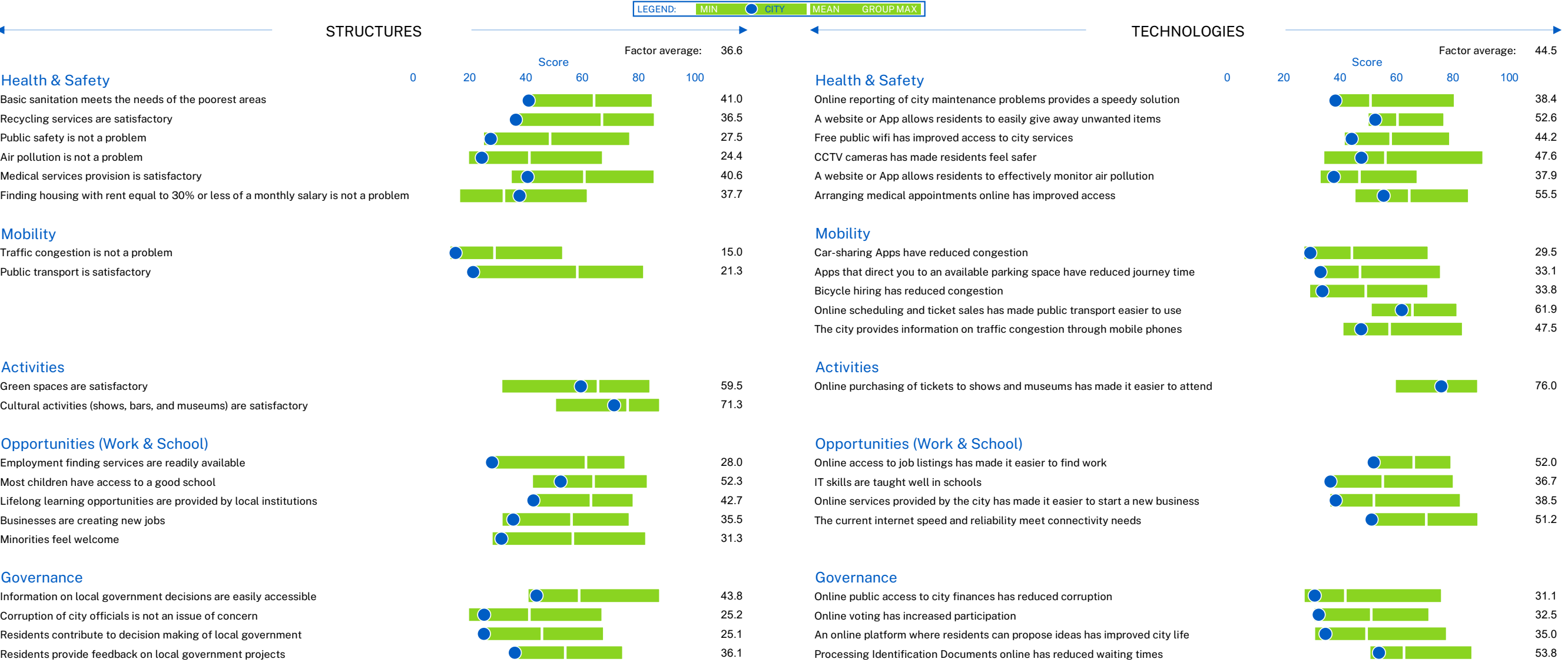
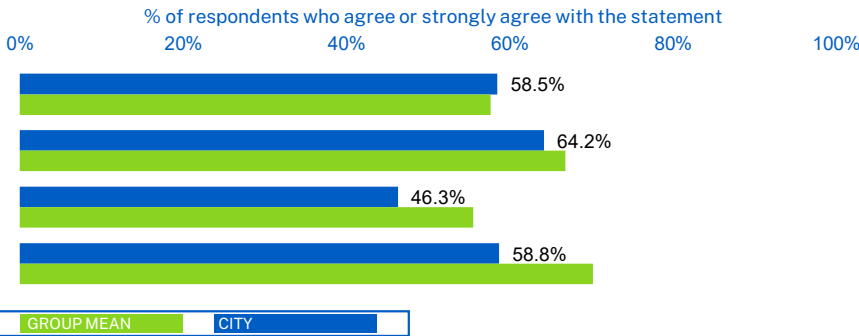
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

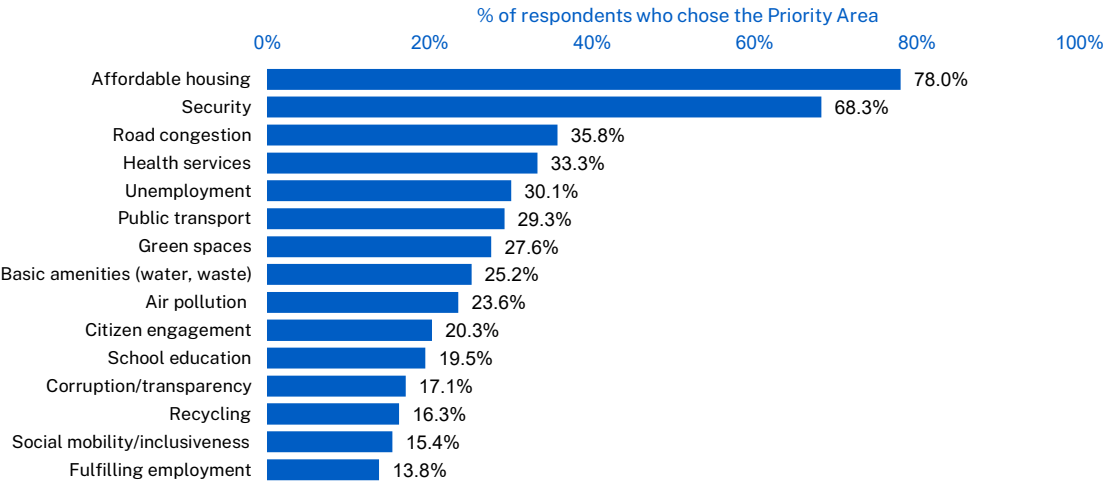
Country

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.



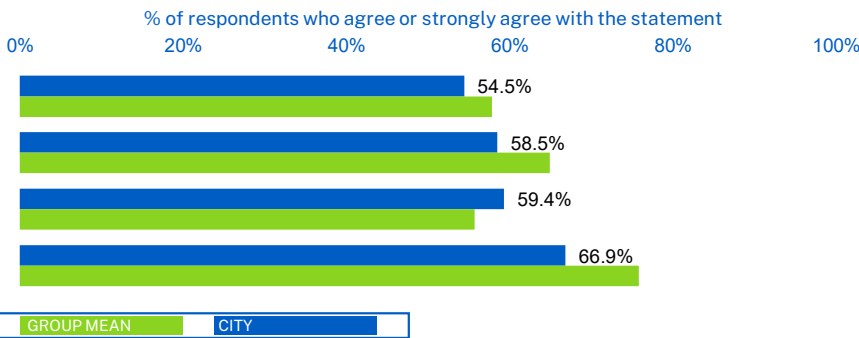
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

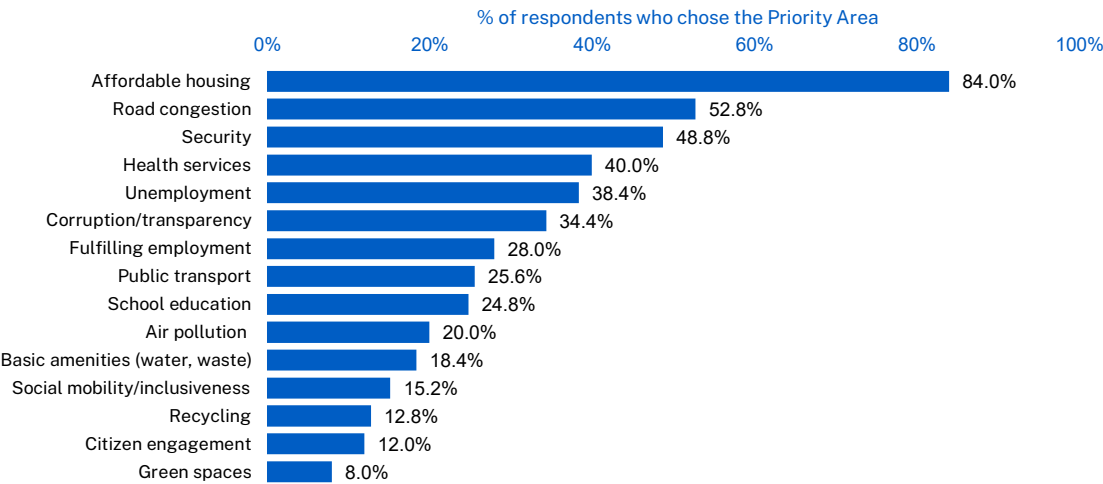
Country

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
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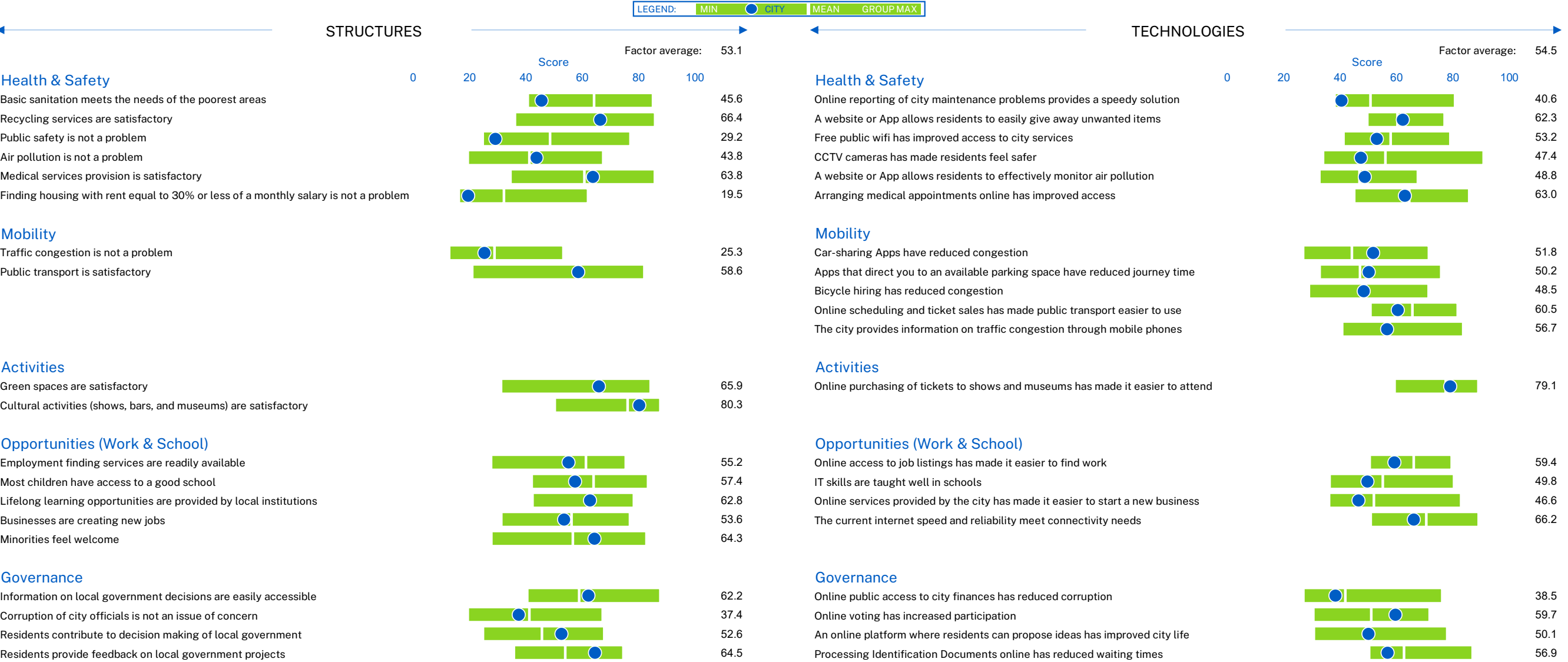
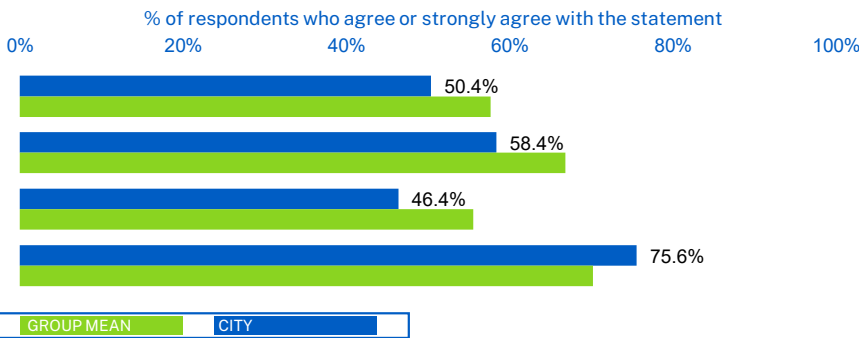
ATTITUDES

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improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

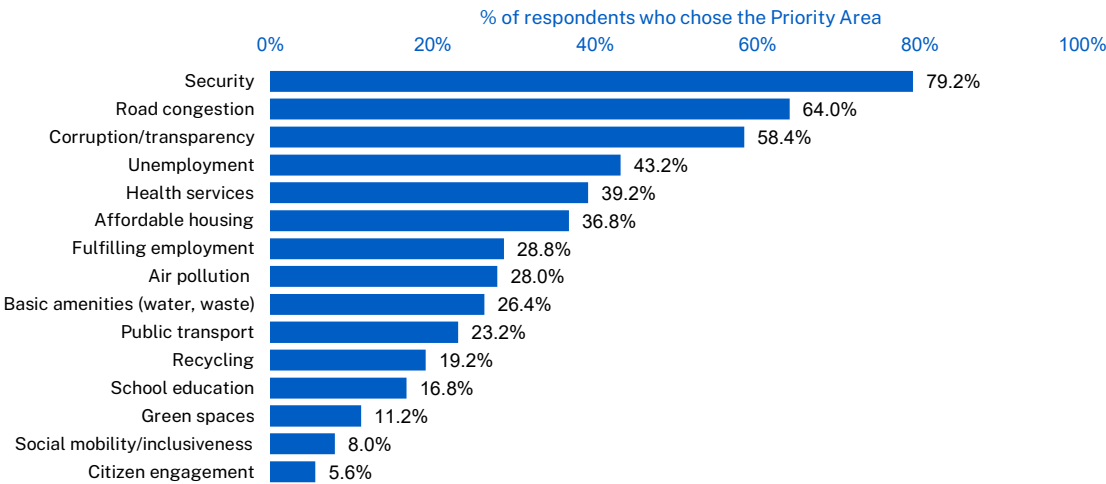
Country

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.



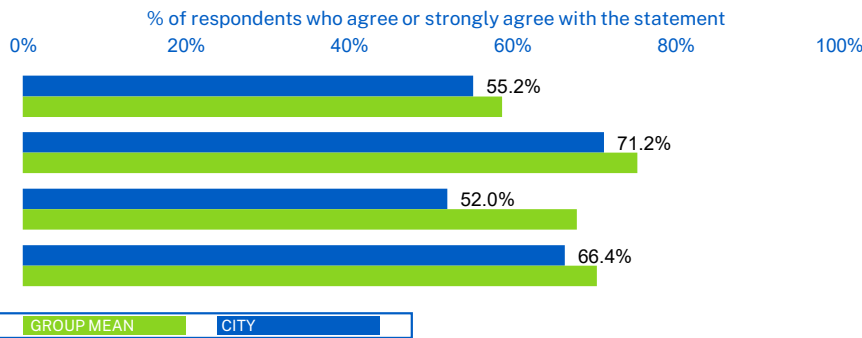
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 48.5

Score

0 20 40 60 80 100

49.4

59.5

29.7

39.3

57.5

31.8

20.0

43.0

71.0

74.5

56.5

62.2

63.7

56.1

48.1

49.2

28.4

40.7

41.4

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 47.6

Score

0 20 40 60 80 100

44.9

41.0

52.3

51.2

33.5

51.0

38.2

39.8

30.8

46.9

55.1

78.6

59.7

46.8

47.2

69.5

31.9

36.7

38.3

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

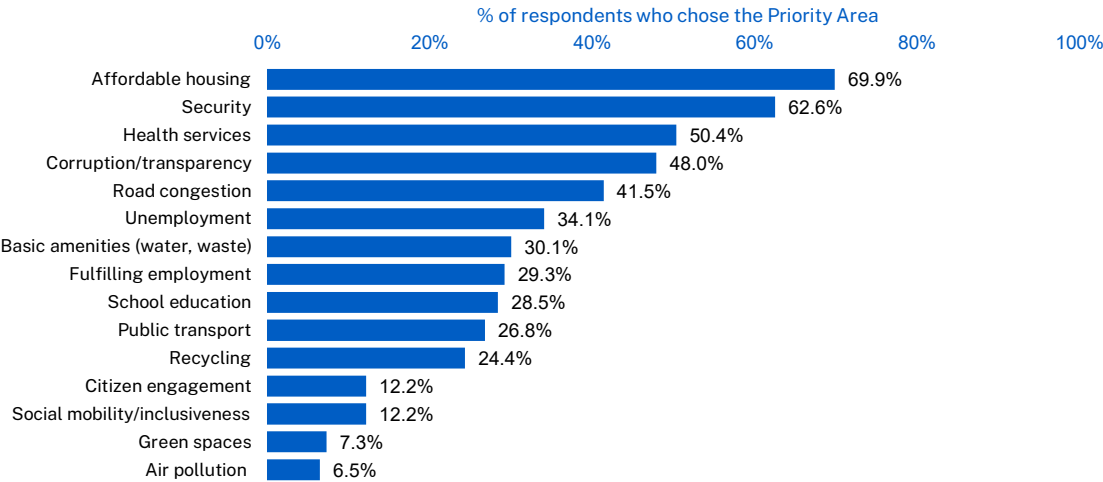
Country

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.



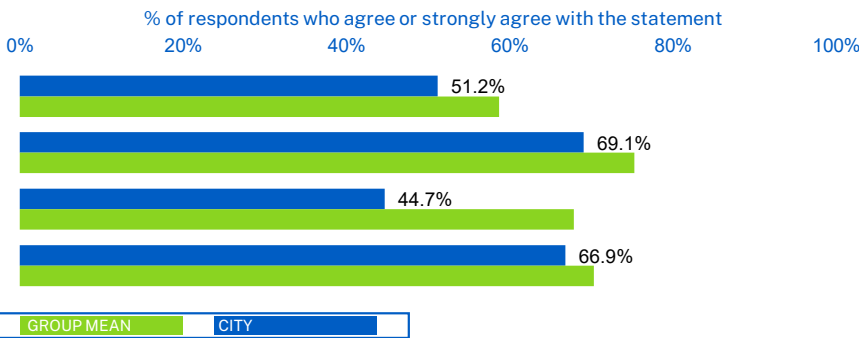
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

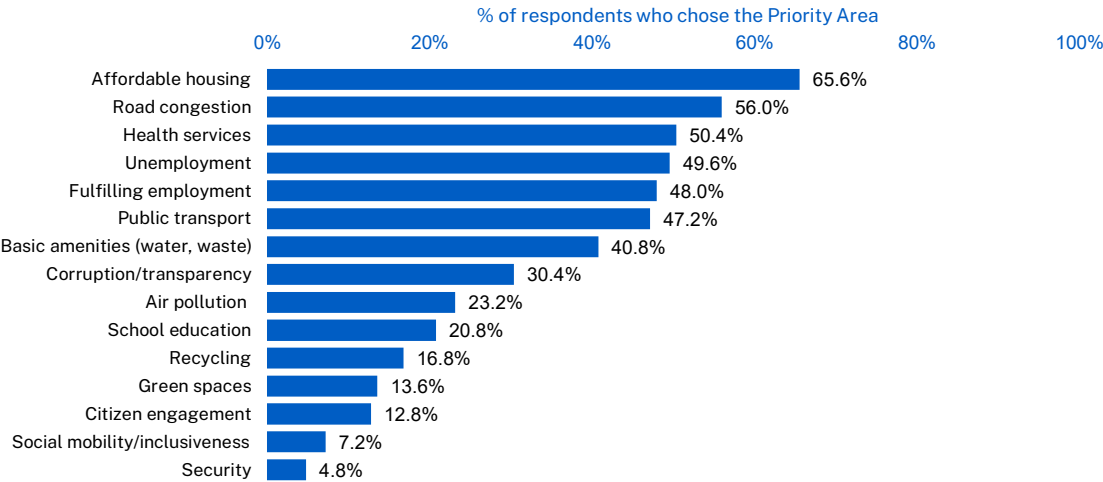
Country

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

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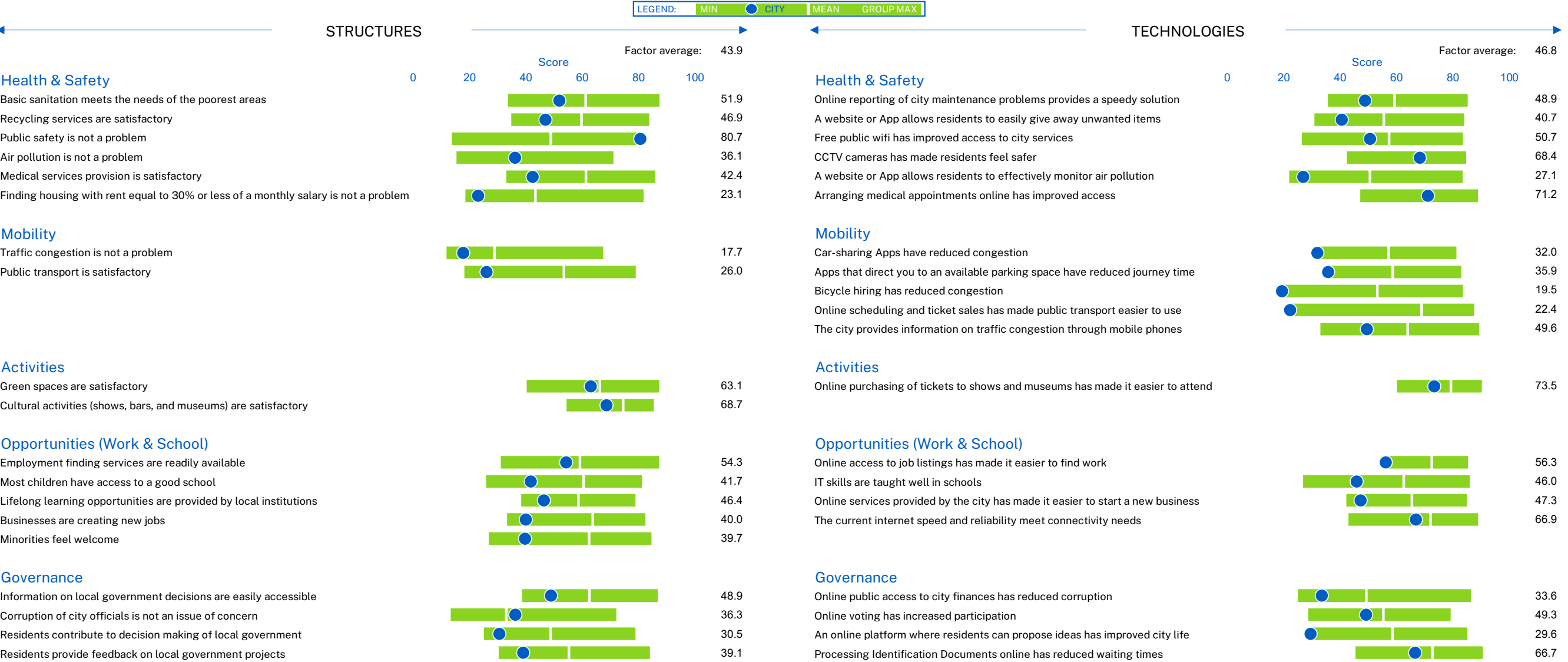
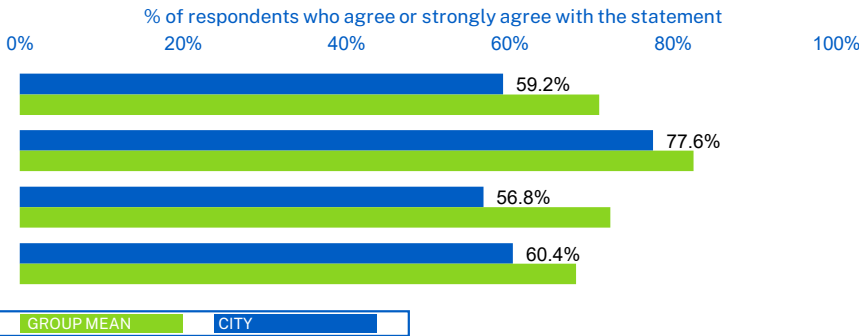
ATTITUDES

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The percentage of your day-to-day payment transactions



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

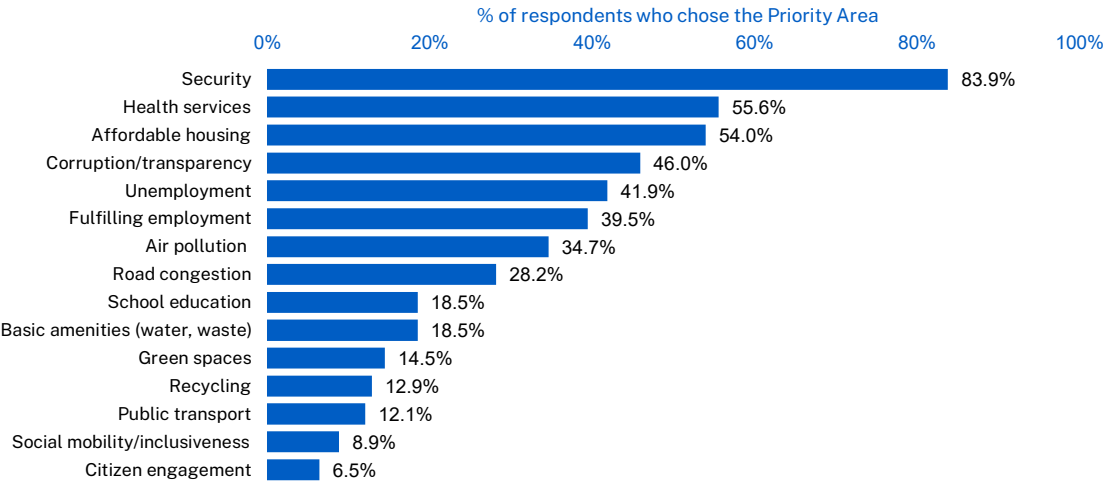
Country

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

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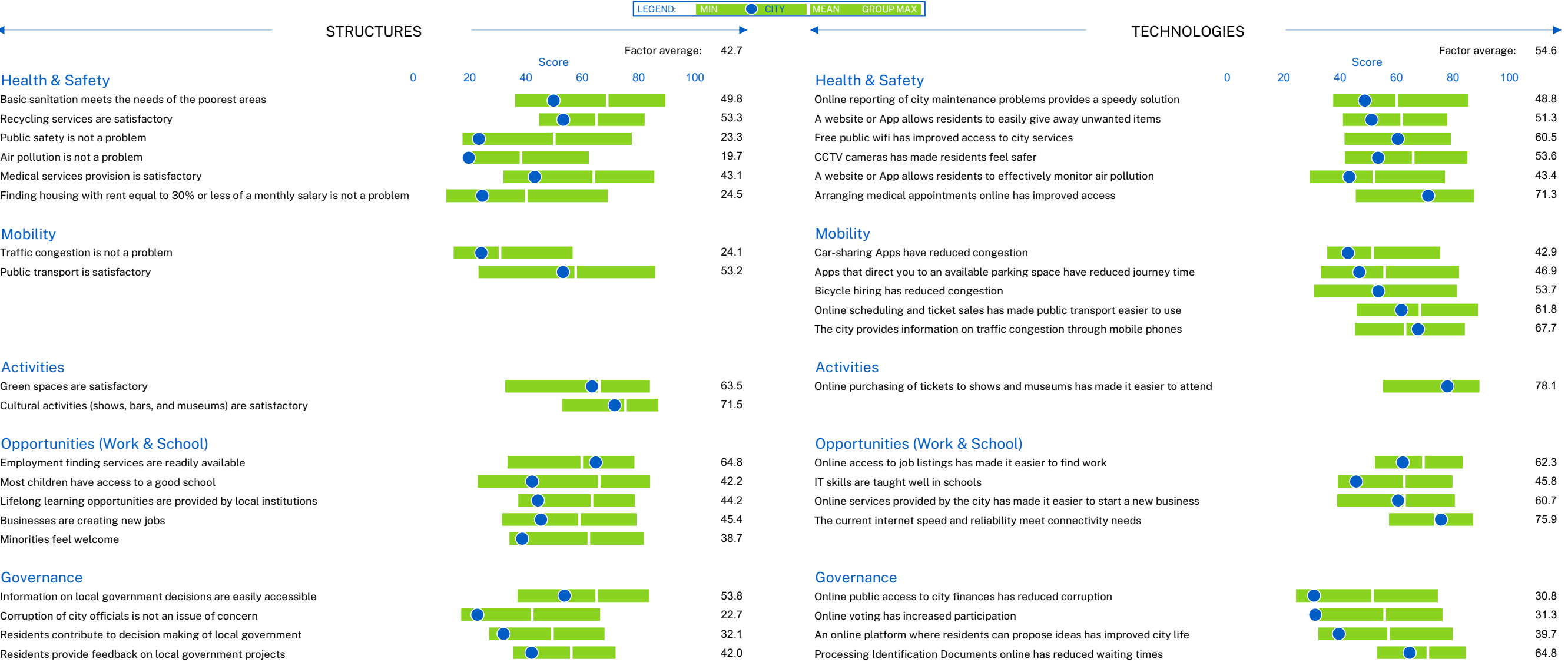
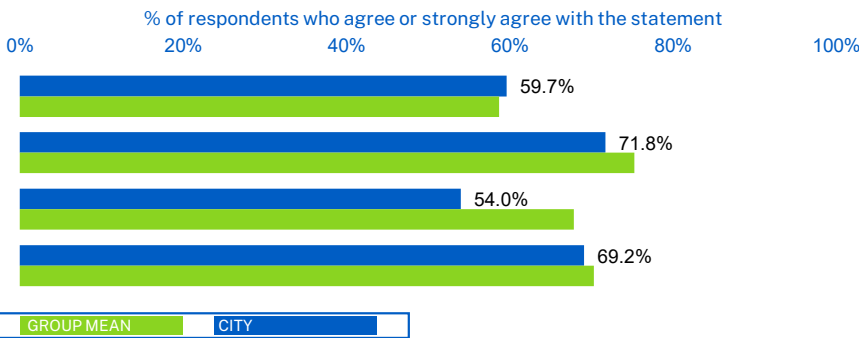
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

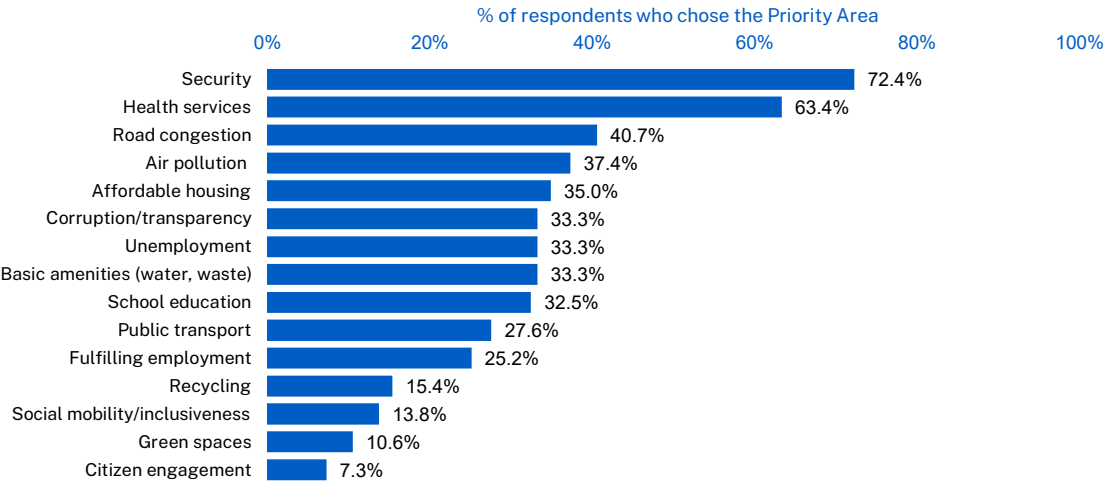
Country

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

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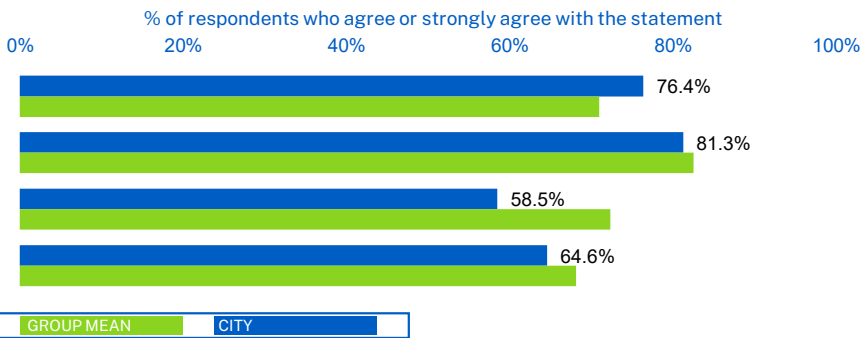
ATTITUDES

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The percentage of your day-to-day payment transactions



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

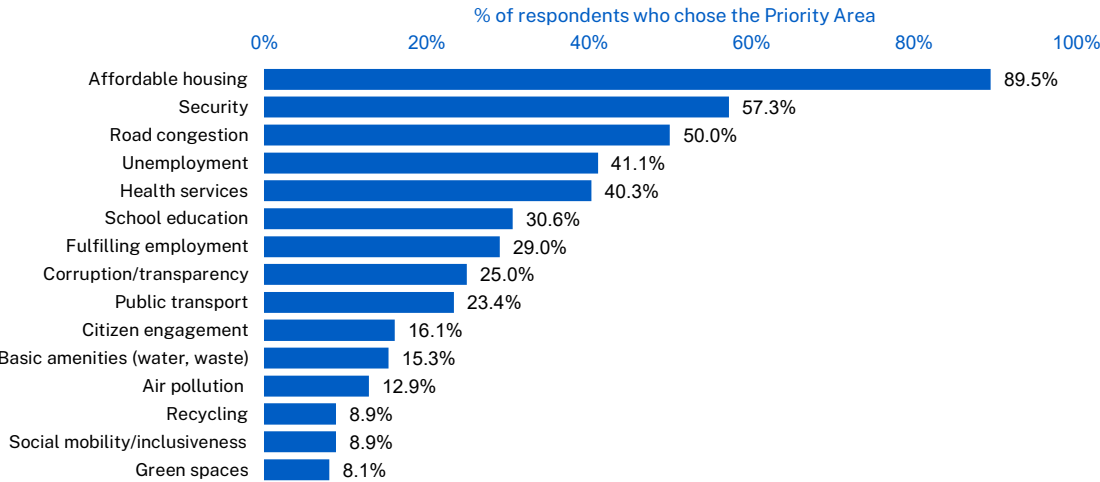
Country

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

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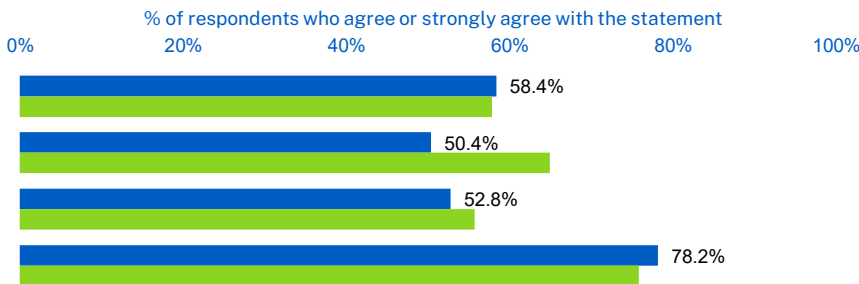
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The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 56.8

Score

0 20 40 60 80 100

51.6

72.4

35.4

50.4

69.3

23.8

20.4

59.6

70.8

78.7

67.2

64.4

66.0

58.8

67.3

61.0

44.5

52.8

64.7

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 52.7

Score

0 20 40 60 80 100

44.5

61.2

49.2

44.3

43.9

69.1

41.6

41.2

41.5

56.1

58.8

75.4

67.3

52.7

46.5

71.2

40.0

52.2

42.3

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

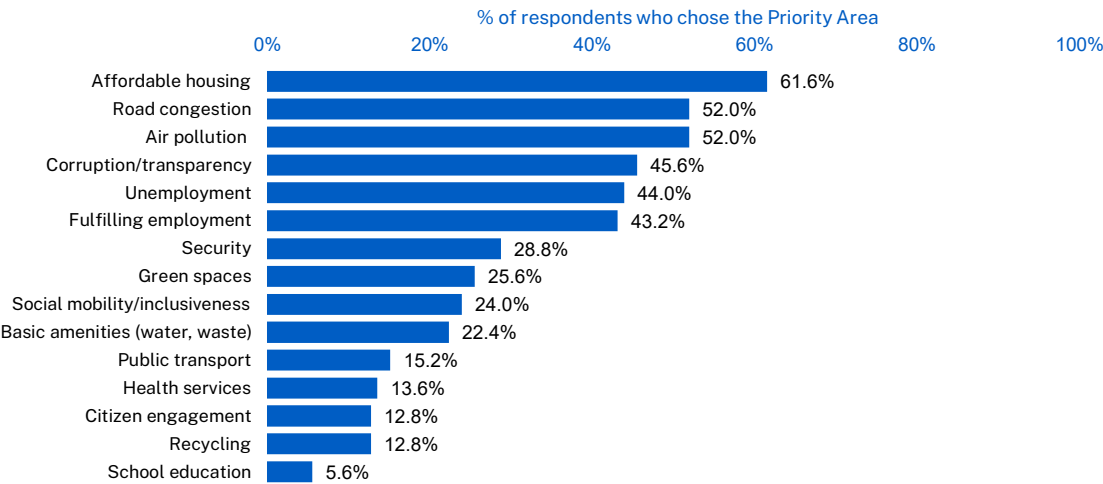
Country

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.



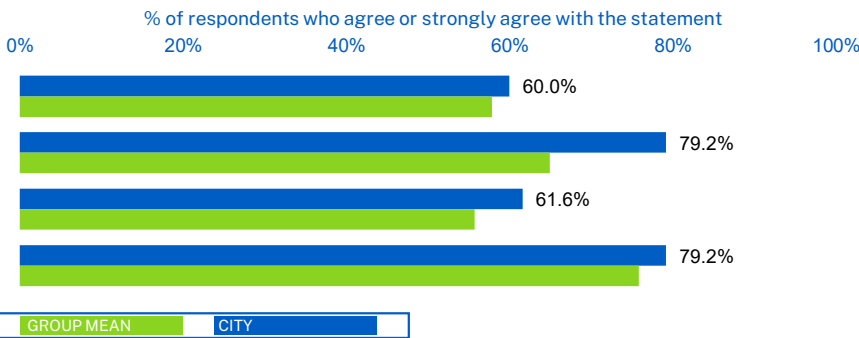
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

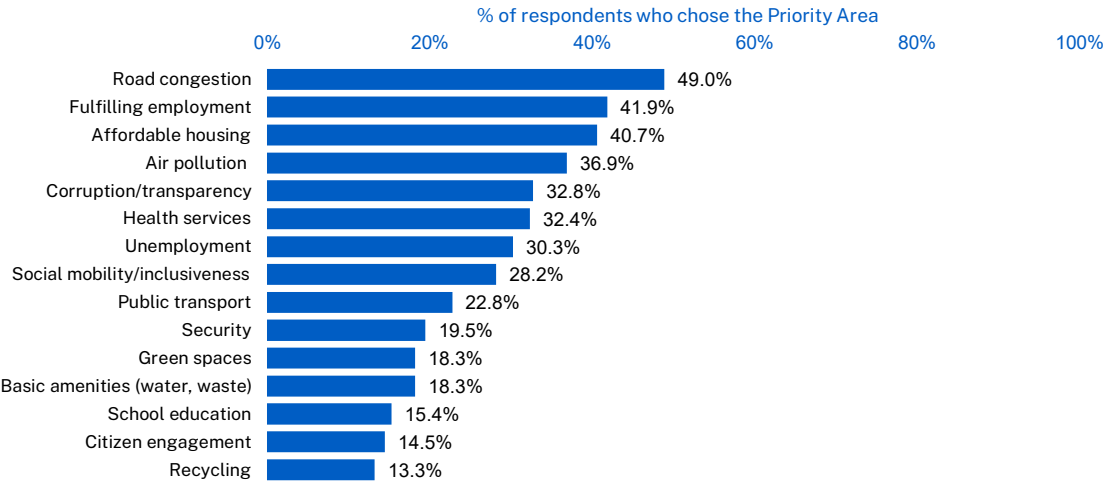
Country

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.



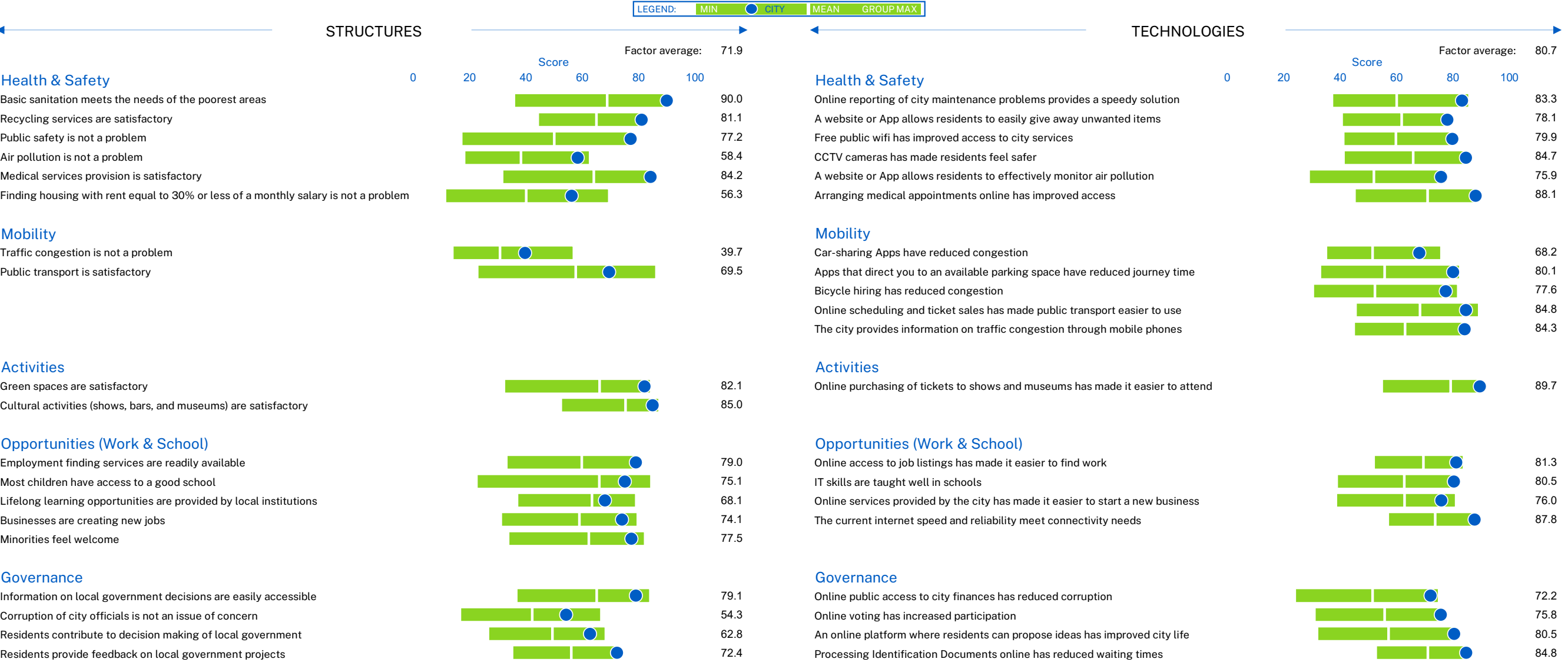
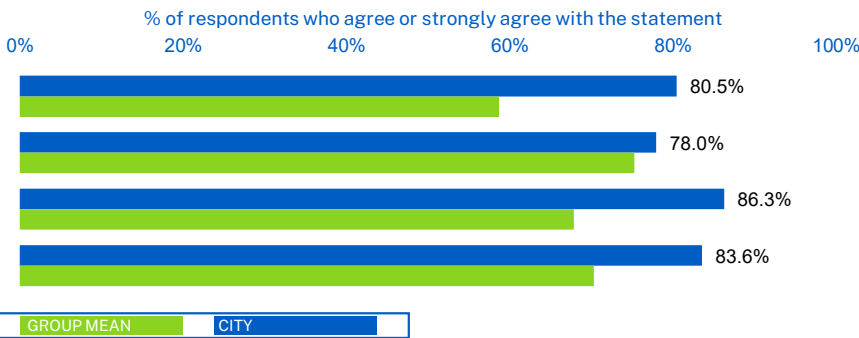
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

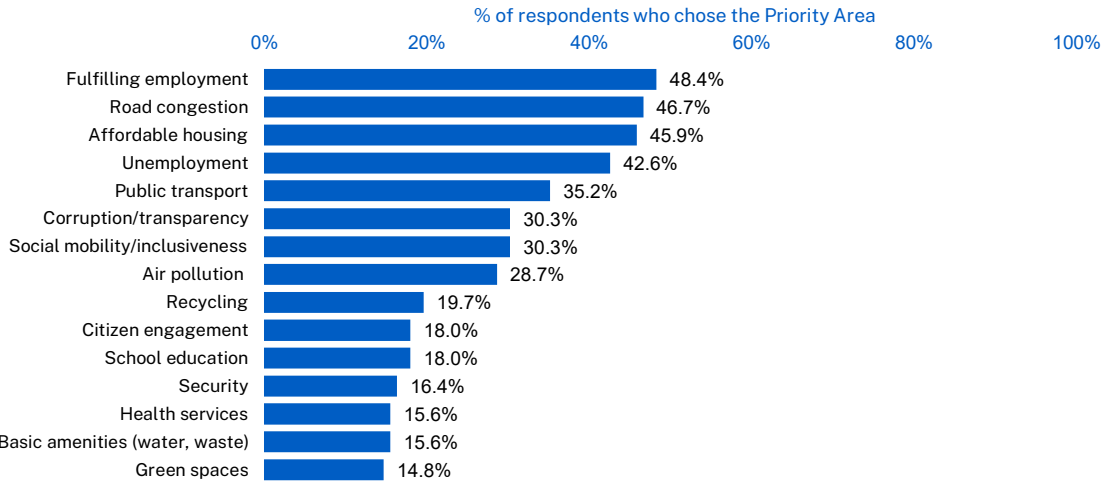
Country

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.



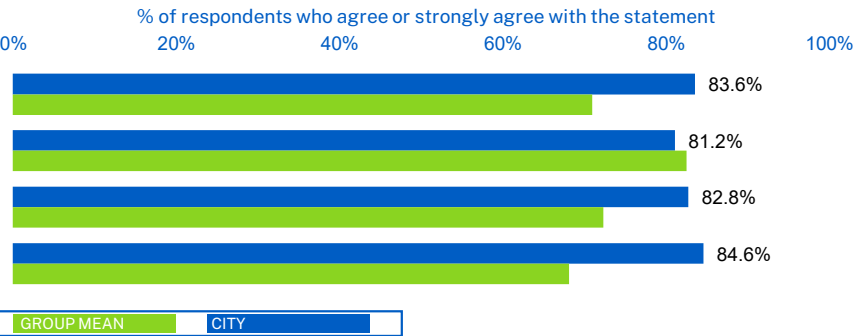
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

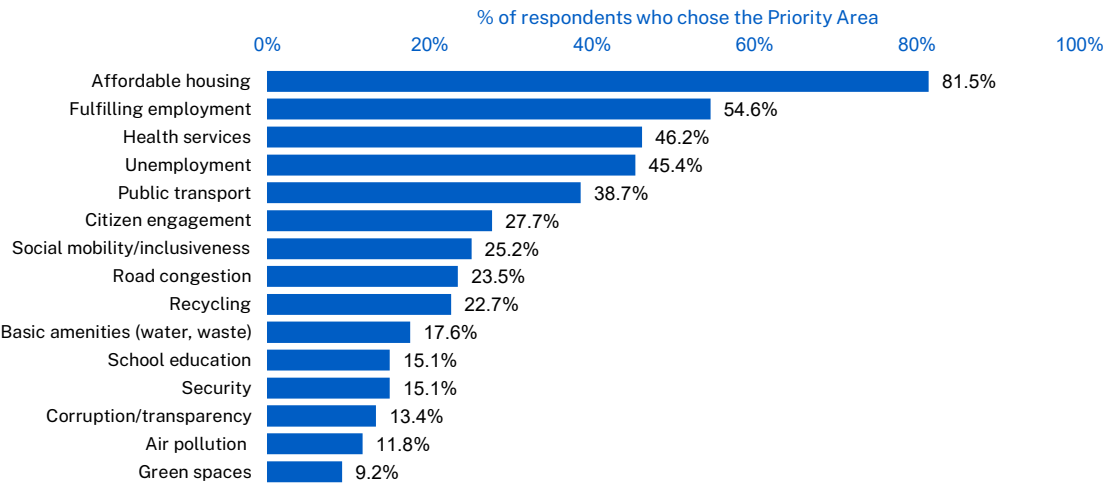
Country

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.



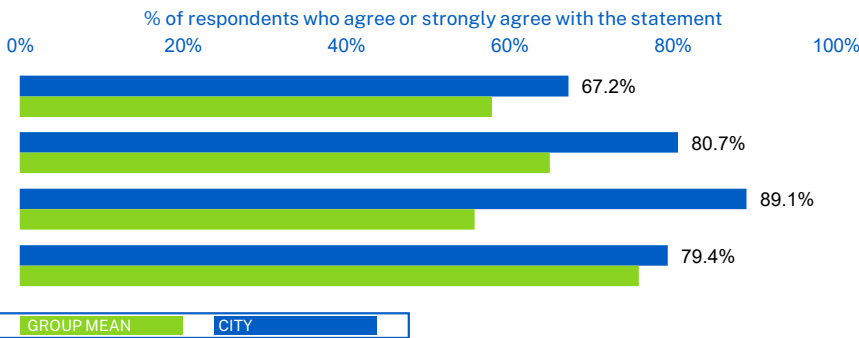
ATTITUDES

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The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 71.5

Score

0 20 40 60 80 100

85.0

65.8

83.9

71.2

78.7

49.1

50.1

75.4

78.1

75.6

71.3

78.3

82.9

60.5

71.5

79.0

70.4

60.9

70.5

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 69.7

Score

0 20 40 60 80 100

71.8

65.8

69.9

80.4

67.7

80.2

55.1

59.9

55.3

65.3

73.4

83.4

76.1

70.2

72.0

82.5

63.6

56.5

64.9

80.7

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

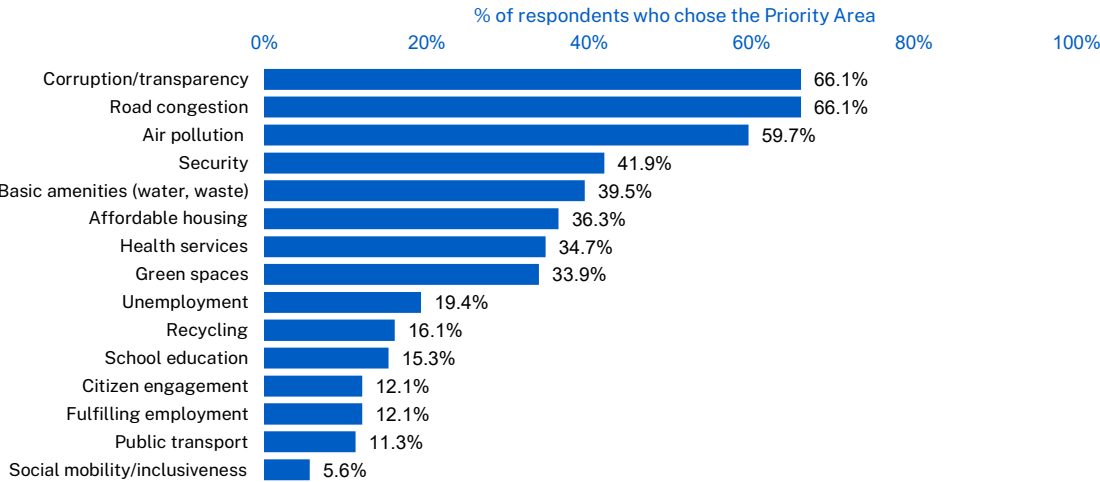
Country

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.



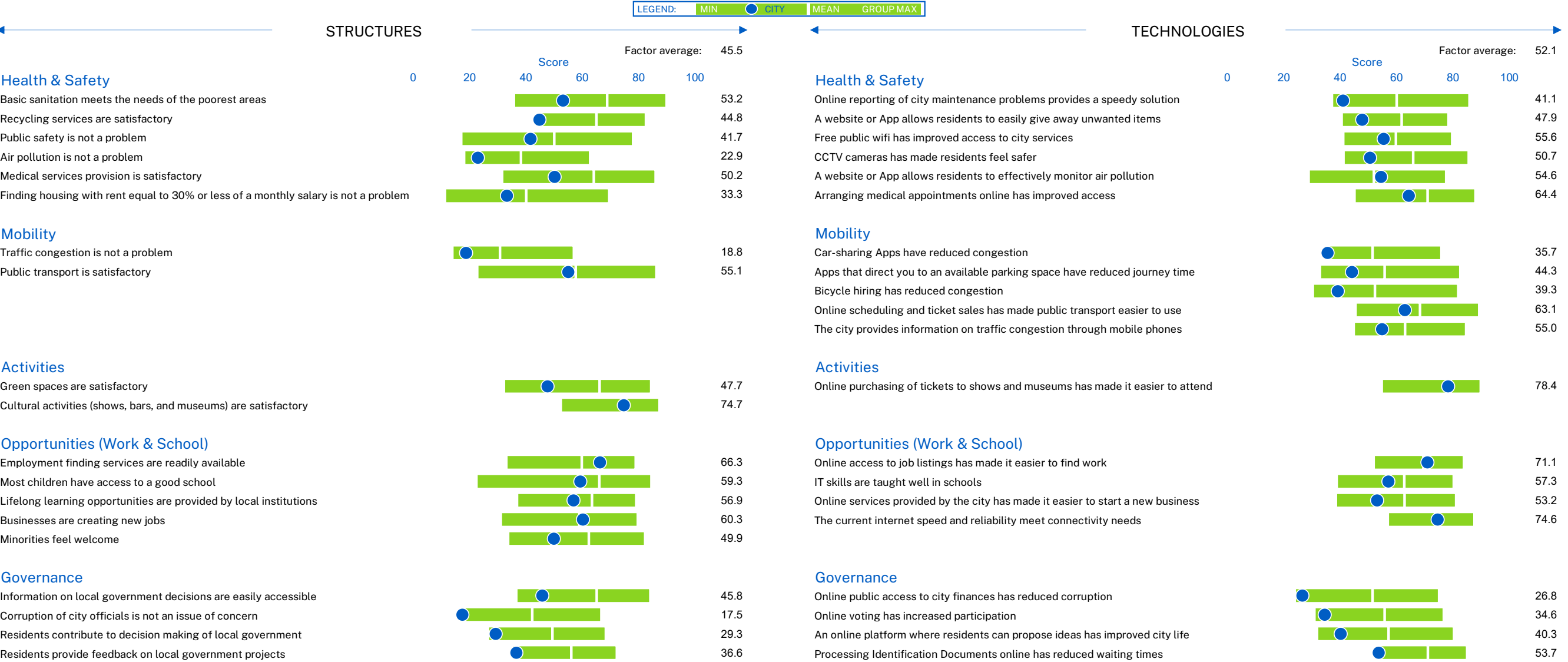
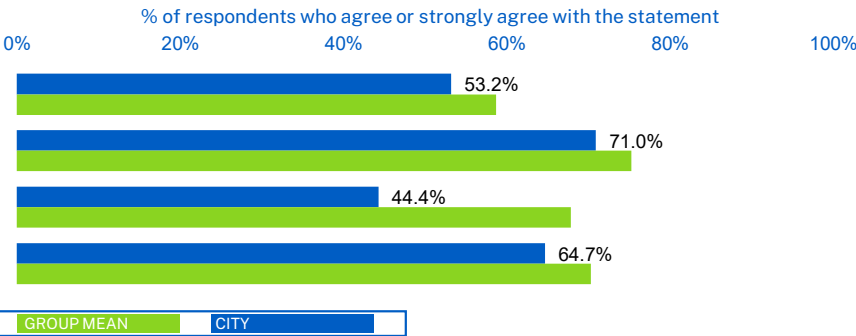
ATTITUDES

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The percentage of your day-to-day payment transactions



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

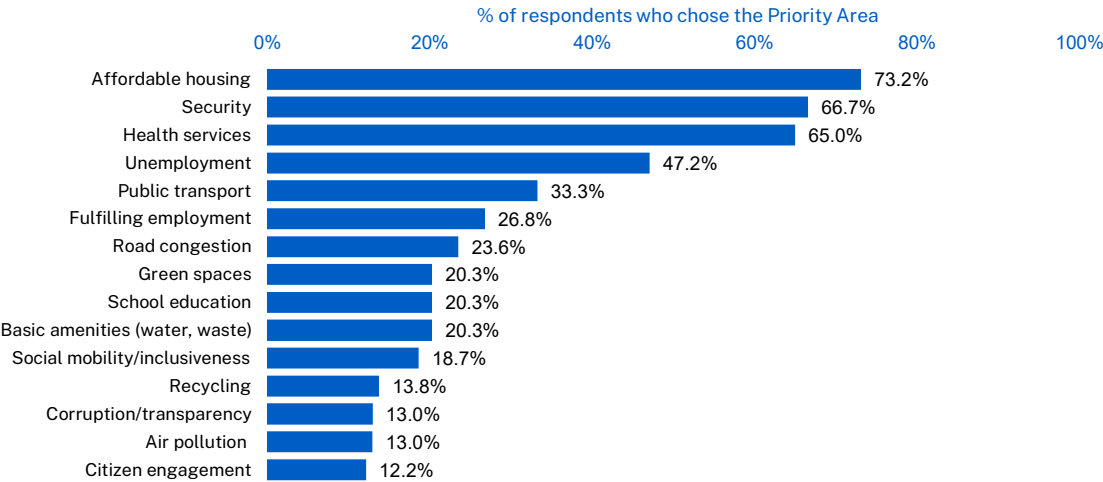
Country

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

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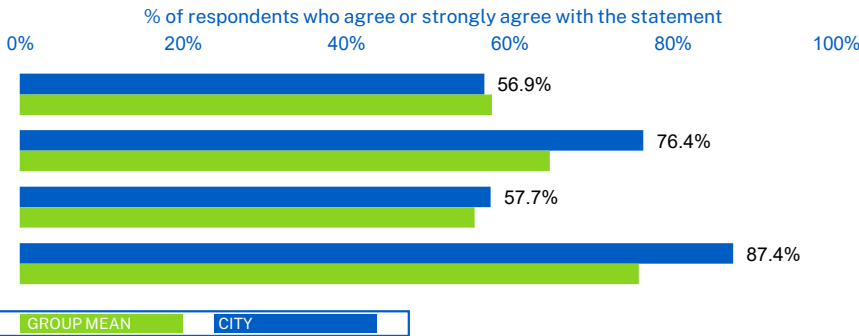
ATTITUDES

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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)



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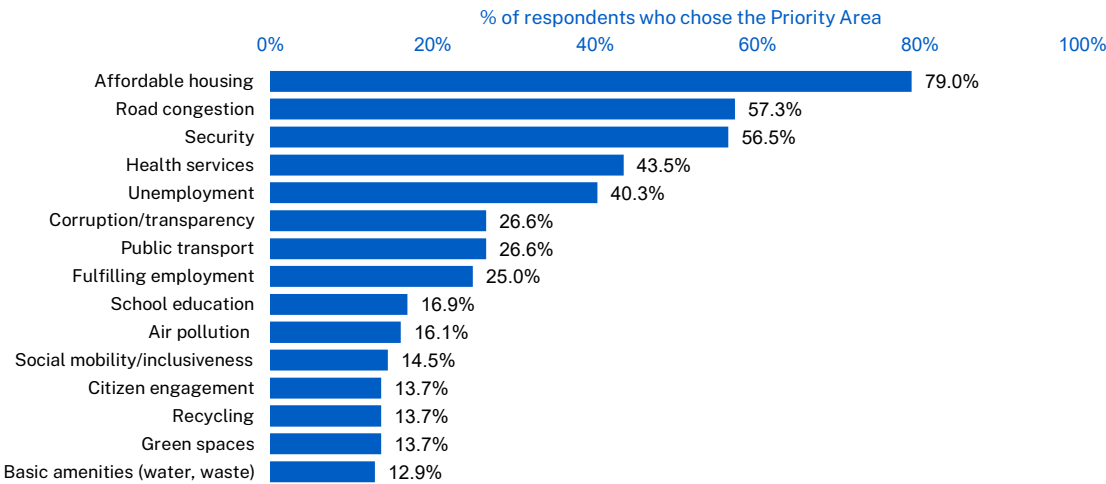
Country

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

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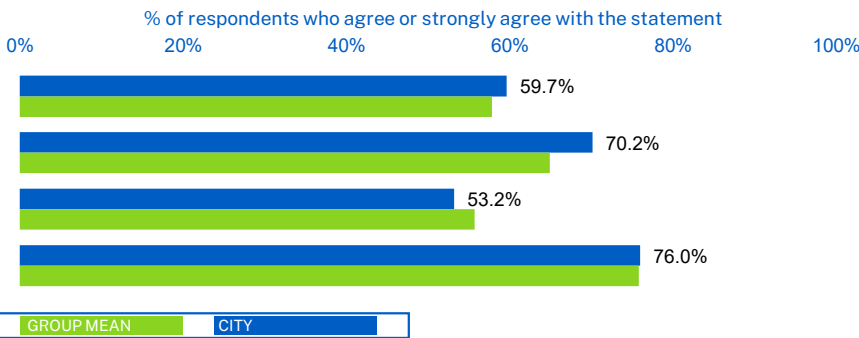
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STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

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Governance

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Residents contribute to decision making of local government

Residents provide feedback on local government projects

STRUCTURES

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 61.6

Score

0 20 40 60 80 100

74.4

76.7

51.5

54.9

68.8

27.4

26.2

63.0

74.9

77.1

71.4

75.6

70.6

65.5

62.5

65.8

46.3

53.5

64.2

TECHNOLOGIES

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Governance

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Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

TECHNOLOGIES

Factor average: 60.3

Score

0 20 40 60 80 100

54.7

62.0

62.7

68.1

49.6

73.1

48.1

45.6

46.3

65.9

64.2

80.0

72.6

59.2

58.6

70.3

48.4

59.0

51.0

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

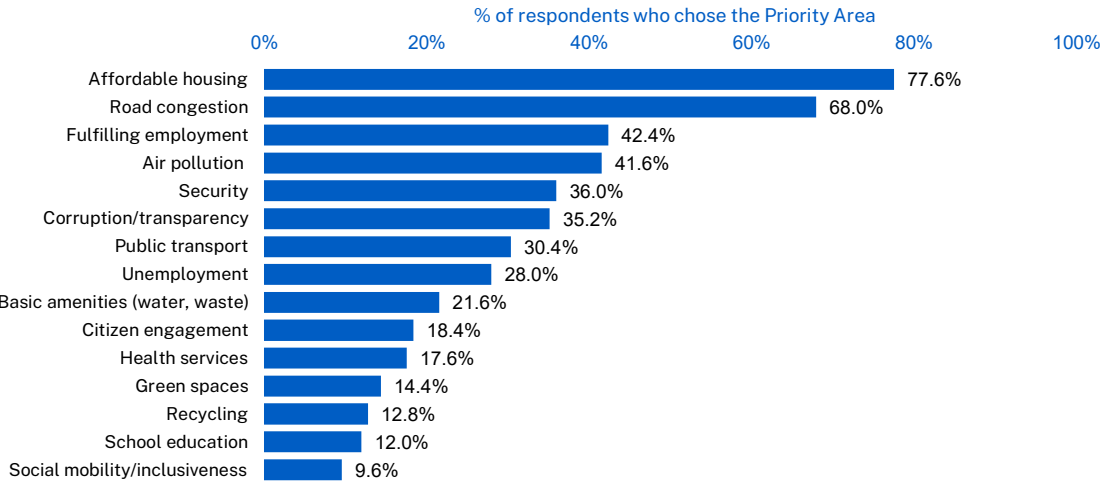
Country

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
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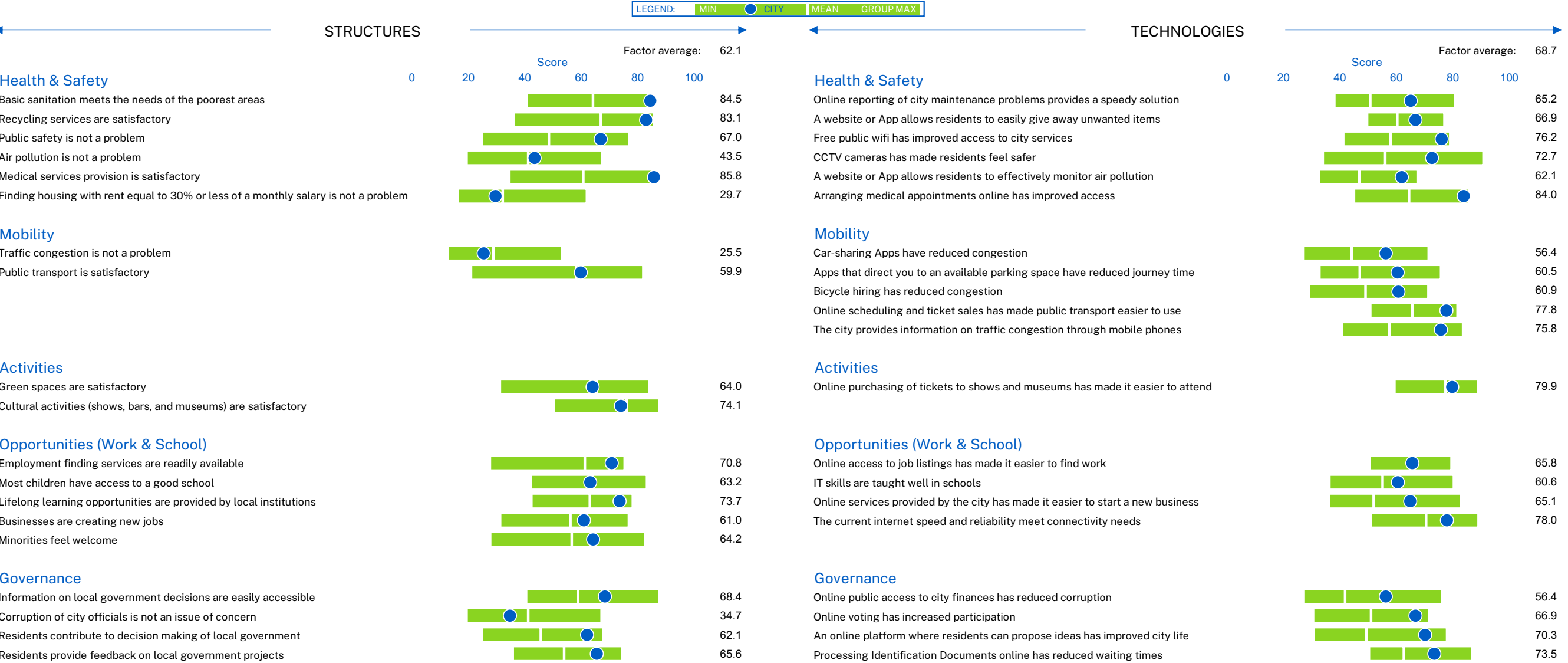
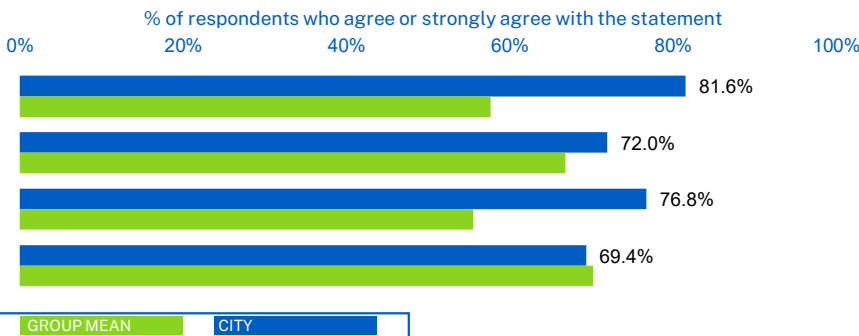
ATTITUDES

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You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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)



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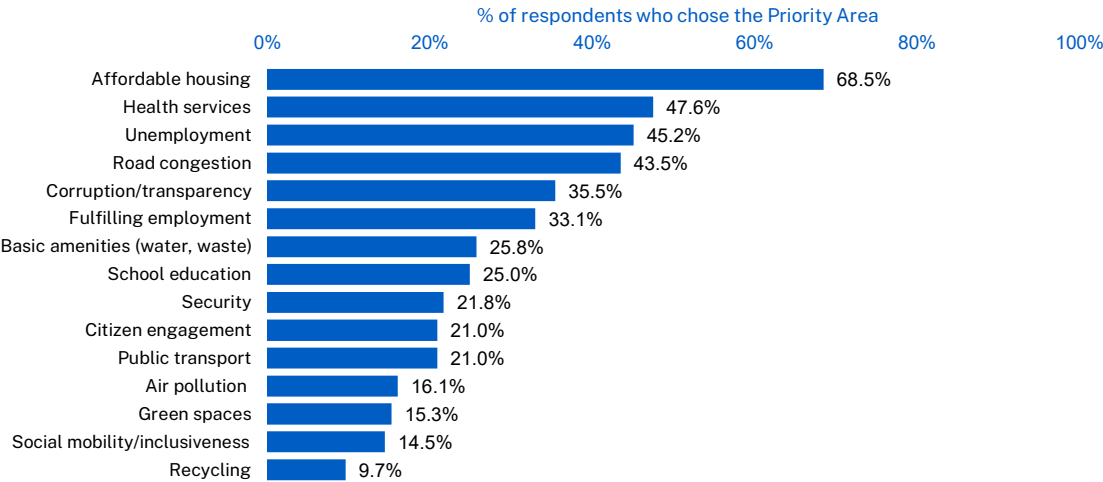
Country

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.



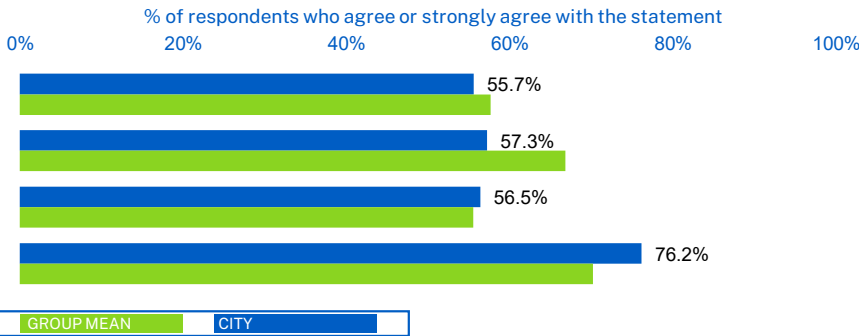
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

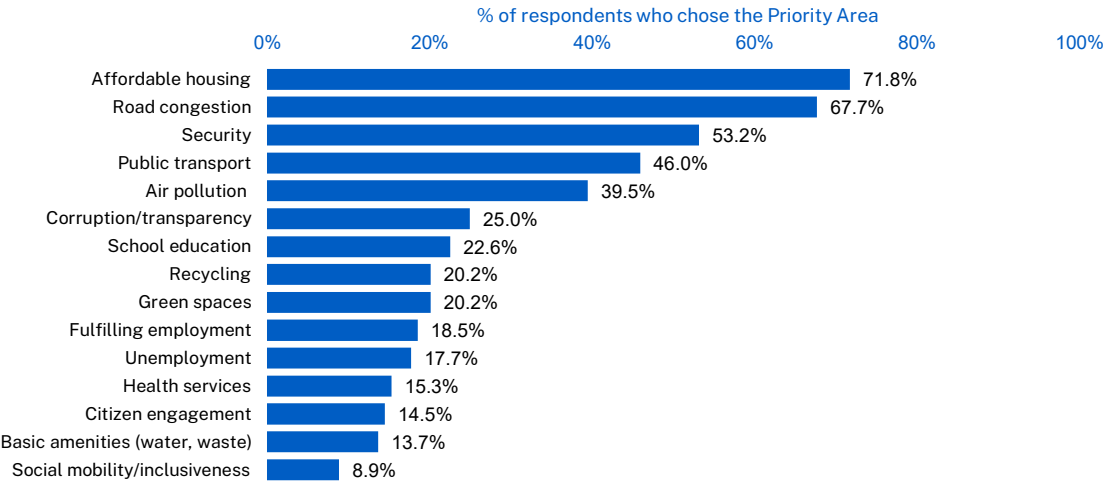
Country

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.



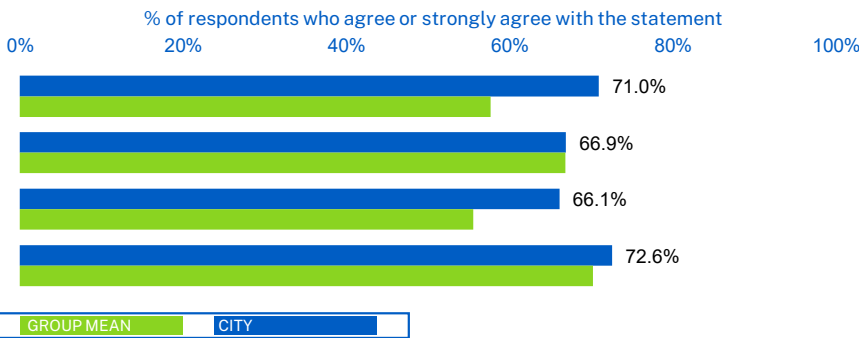
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

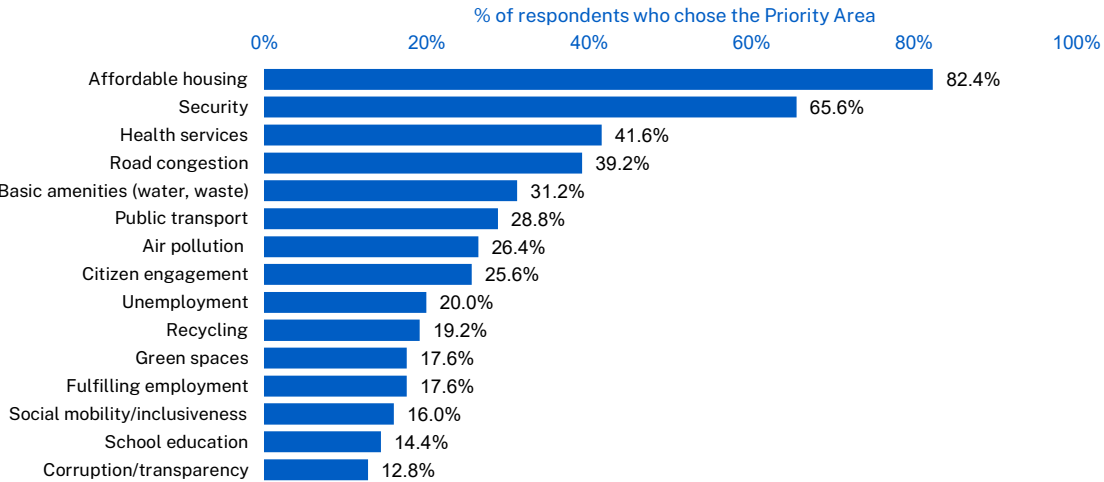
Country

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.



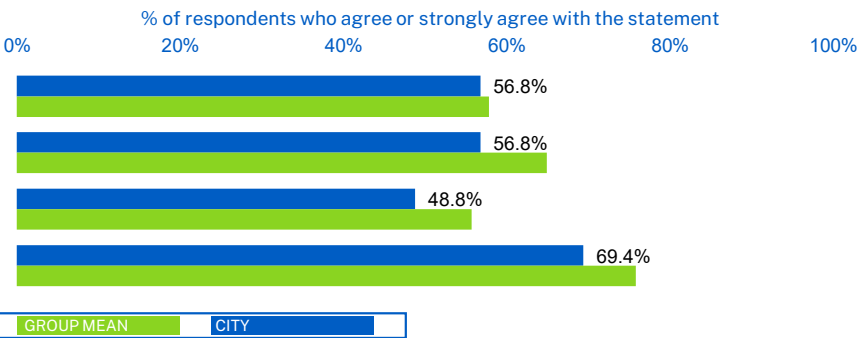
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

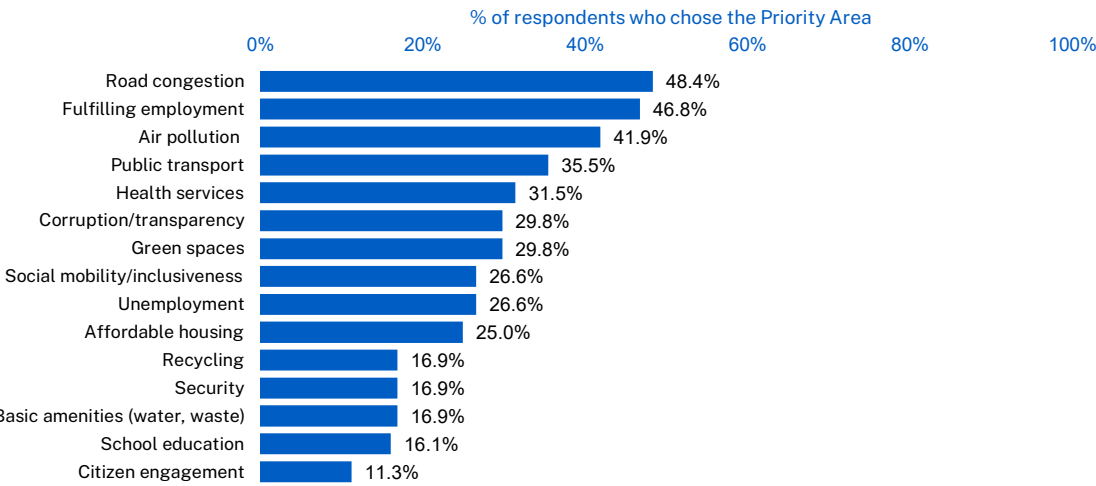
Country

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.



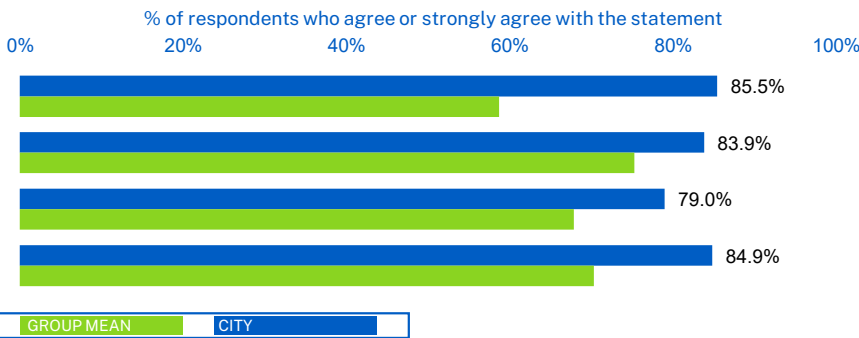
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



LEGEND: GROUP MEAN CITY



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

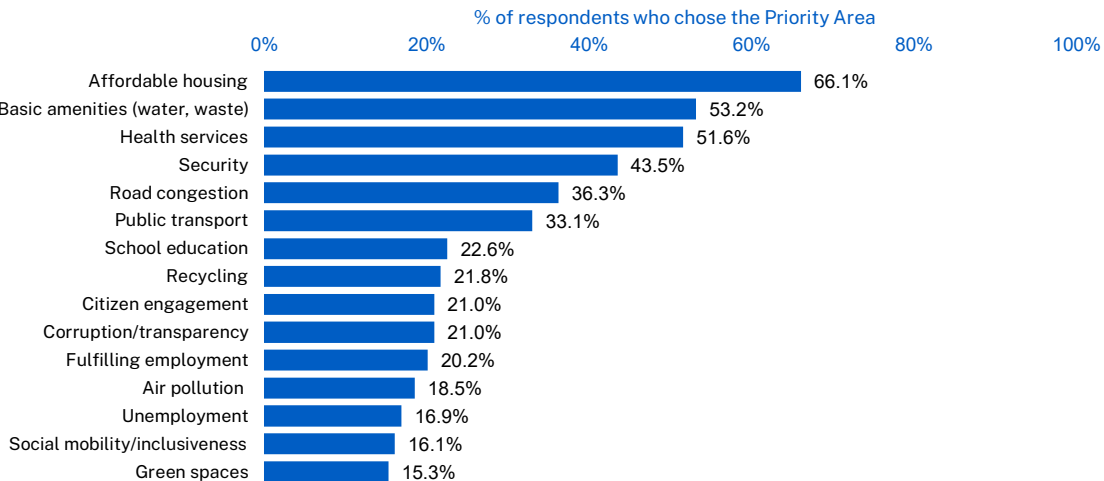
Country

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.



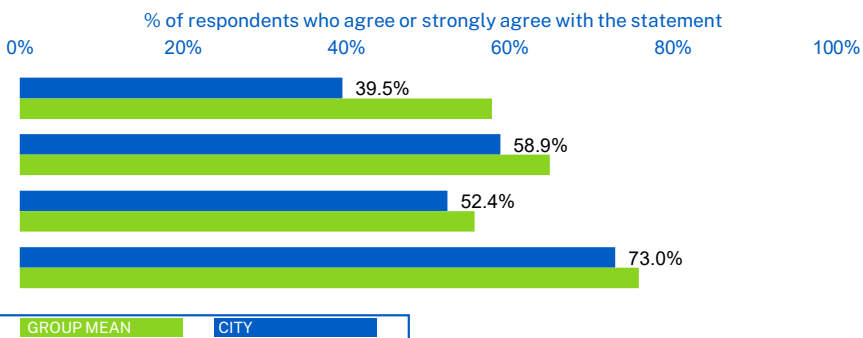
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

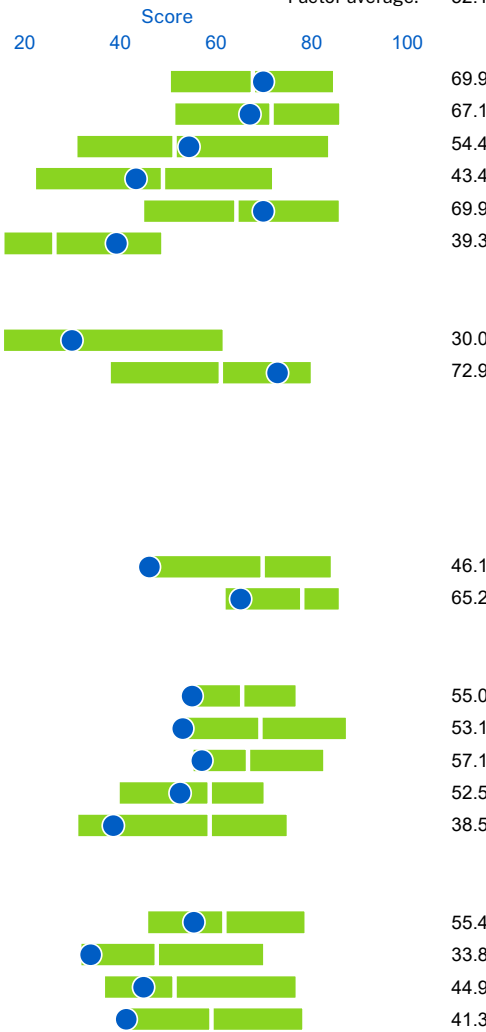
Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN (Green), CITY (Blue), MEAN (Green), GROUP MAX (Green)

Factor average: 52.1



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

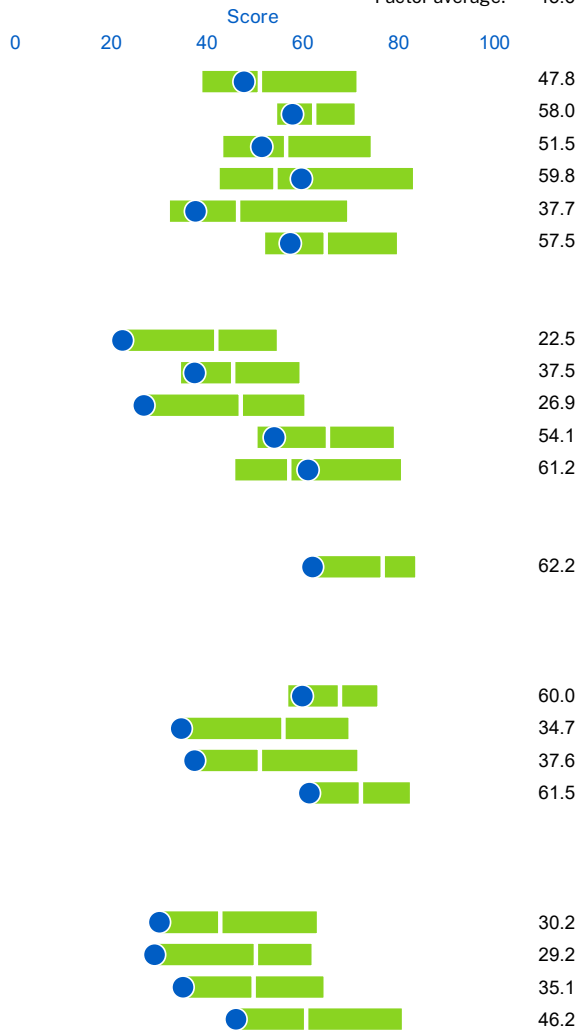
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 45.6



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

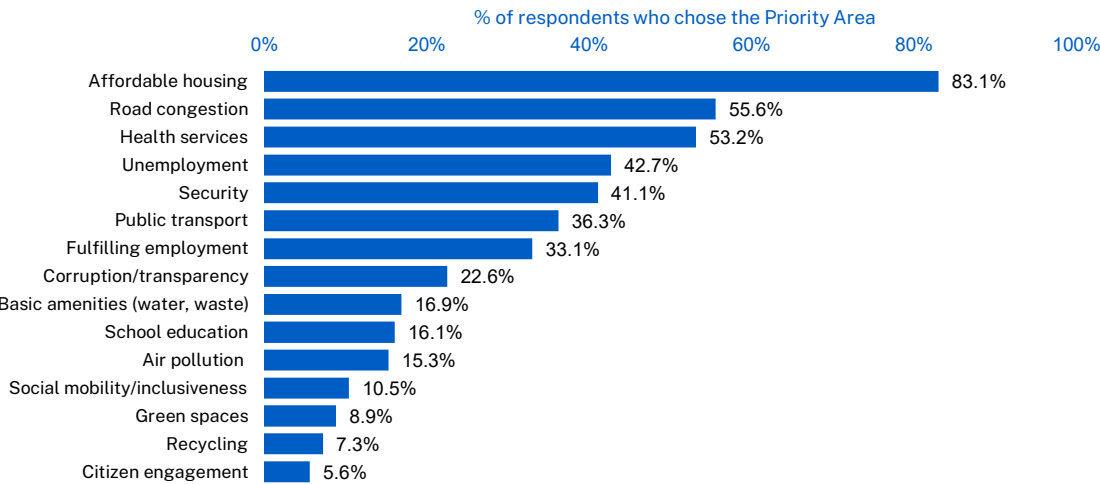
Country

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.



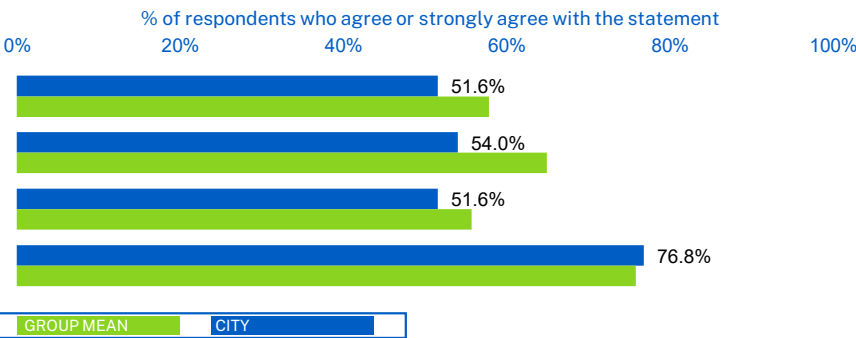
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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)



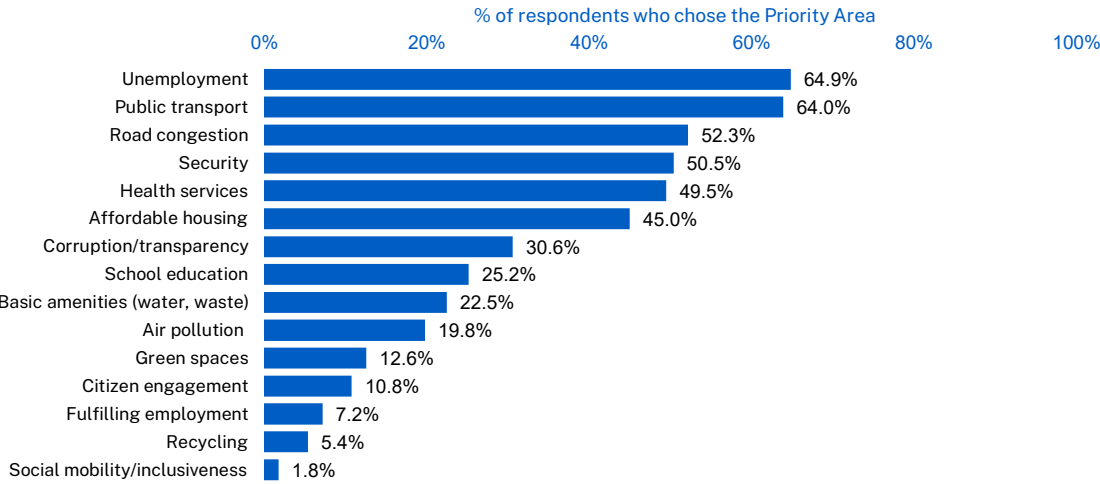
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

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.



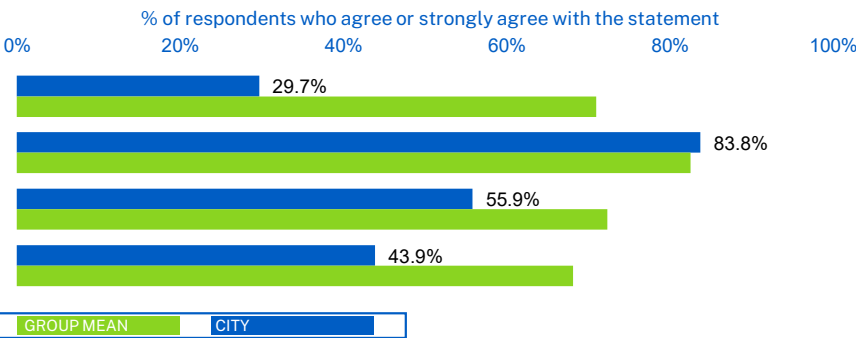
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

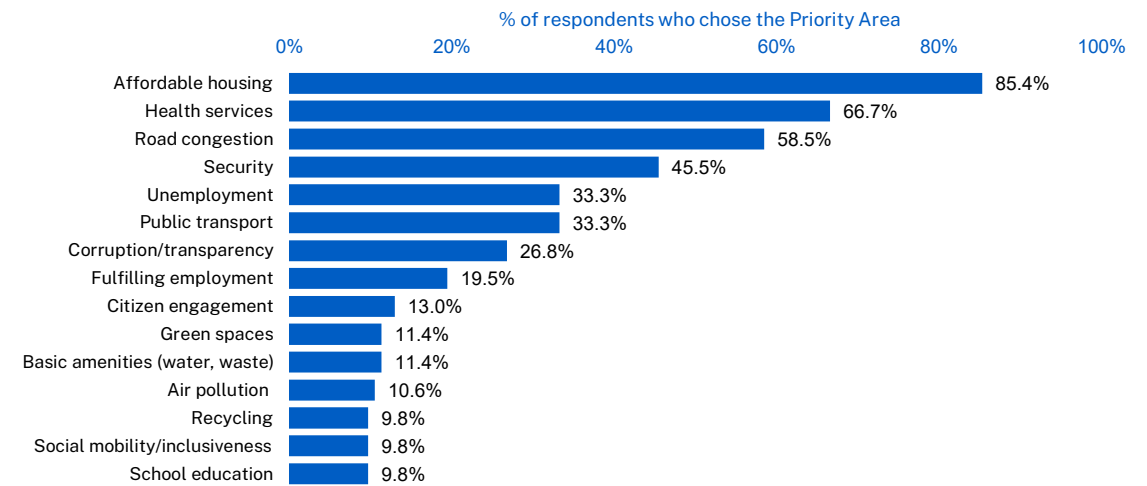
Country

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.



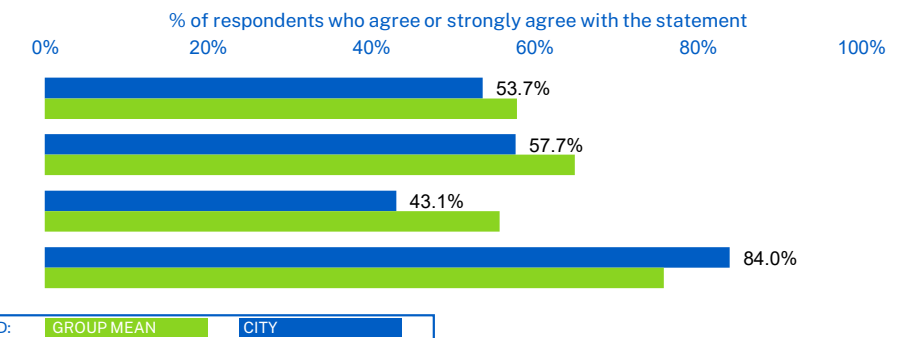
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

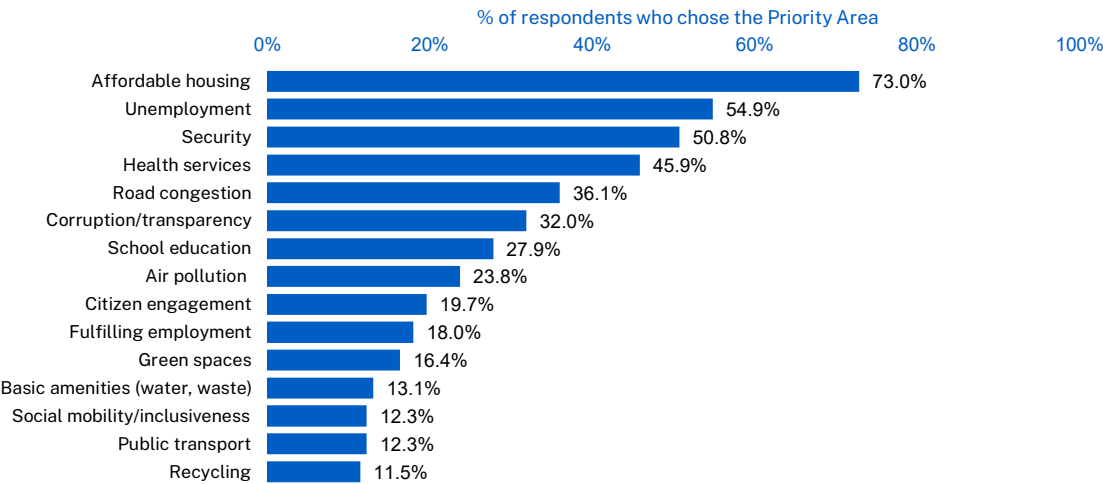
Country

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.



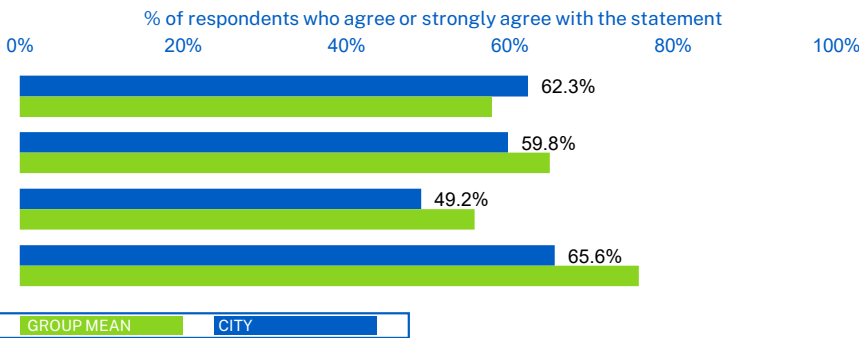
ATTITUDES

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You are comfortable with face recognition technologies to lower crime

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The percentage of your day-to-day payment transactions



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

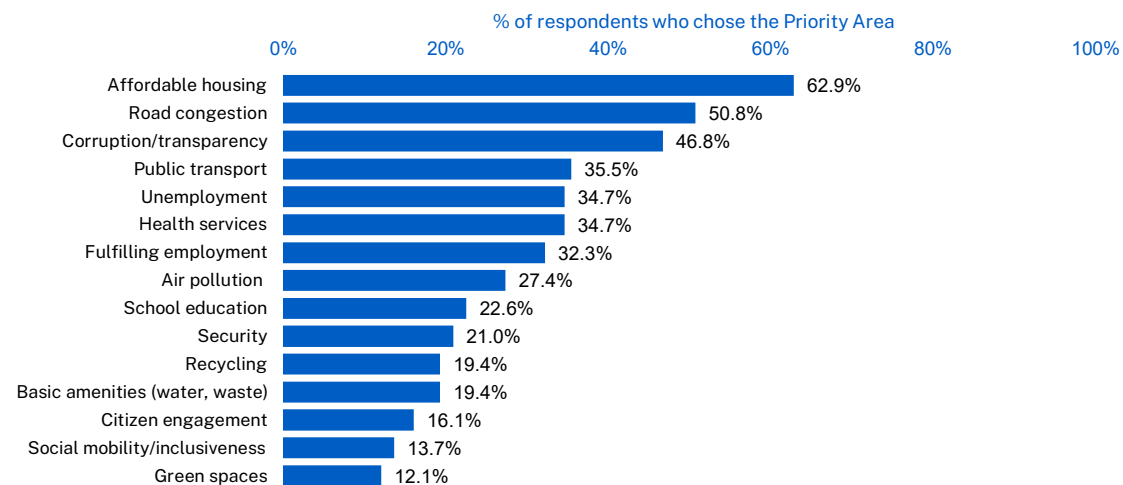
Country

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.



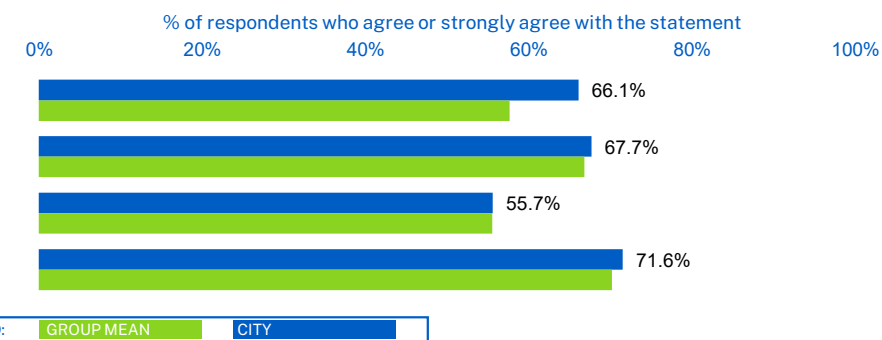
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

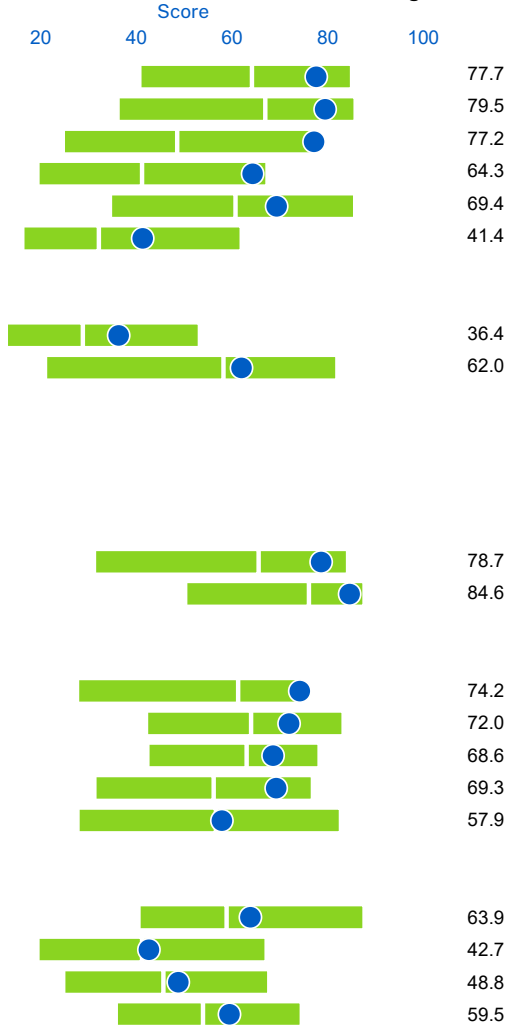
Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 64.6



TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

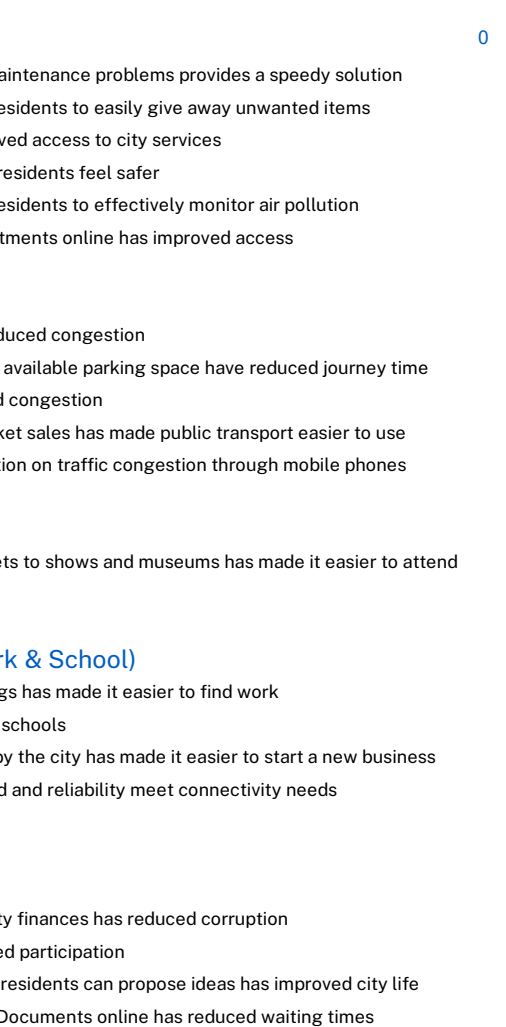
Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 63.5



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

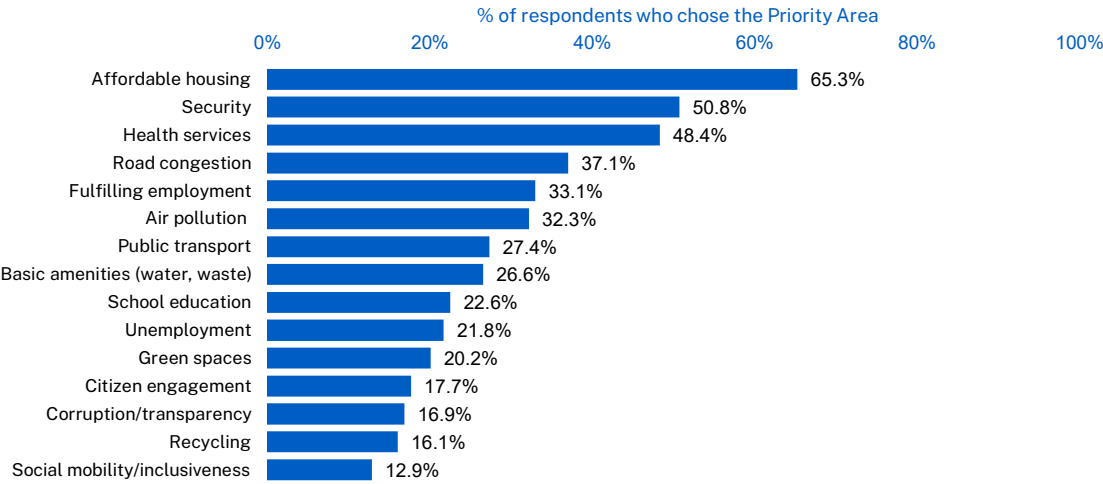
Country

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.



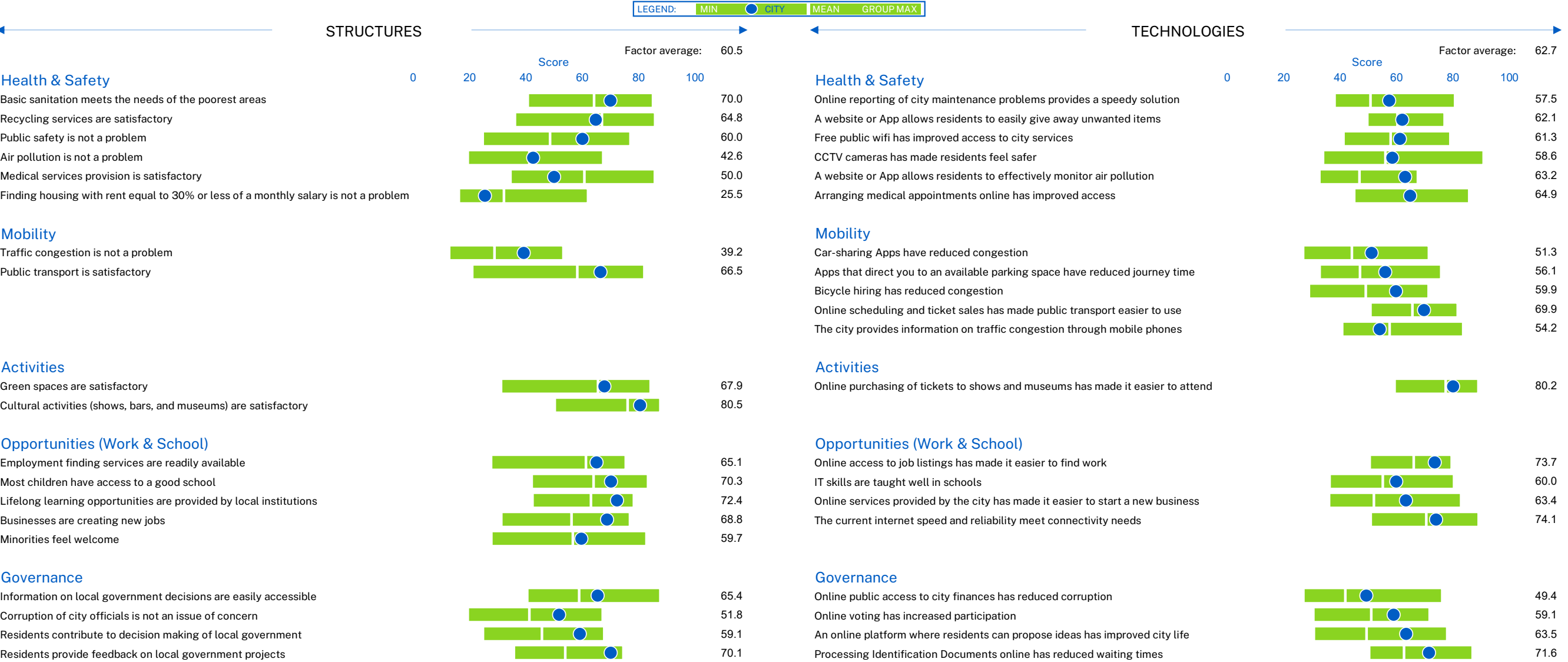
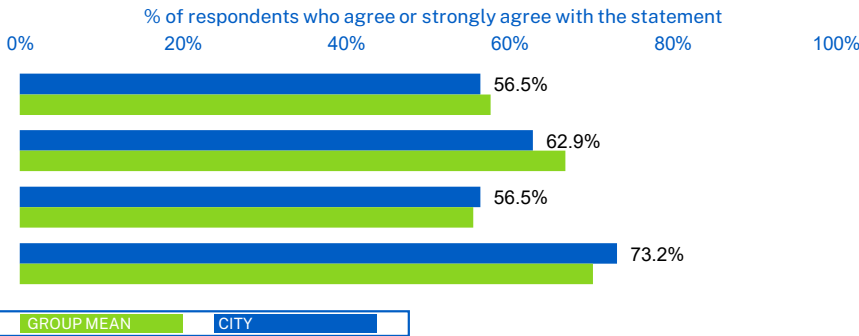
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

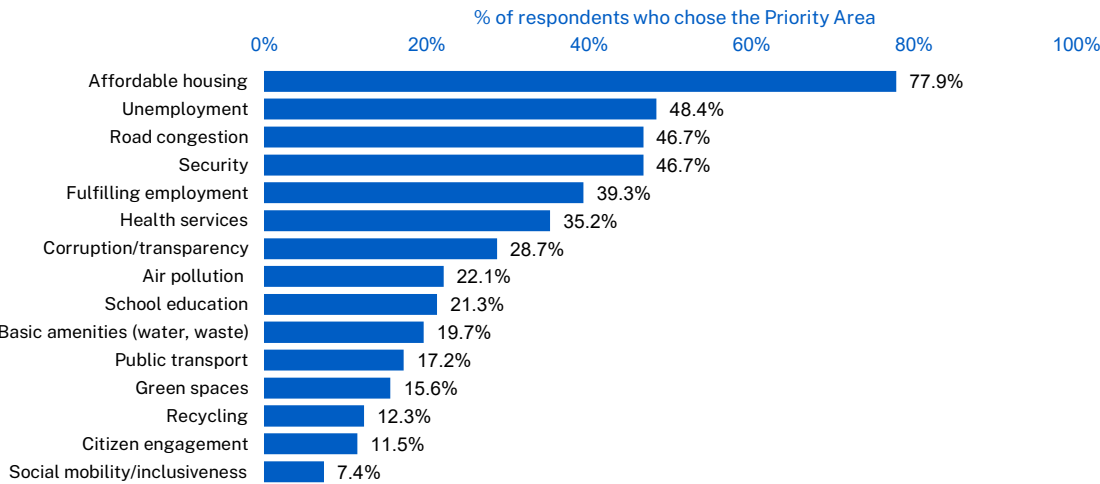
Country

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.



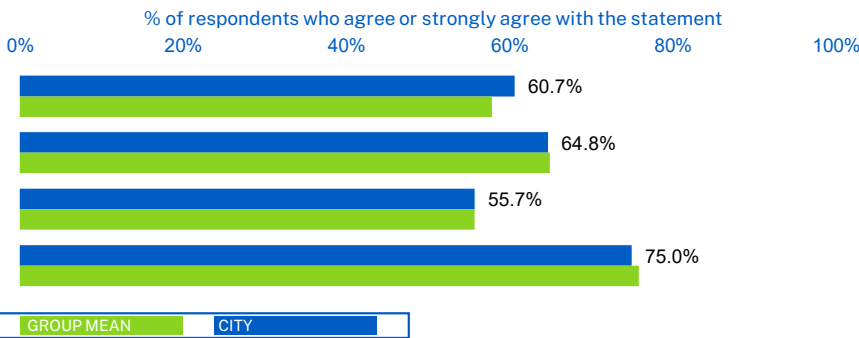
ATTITUDES

You are willing to concede personal data in order to
improve traffic congestion

You are comfortable with face recognition technologies to
lower crime

You feel the availability of online information has increased
your trust in authorities

The percentage of your day-to-day payment transactions



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

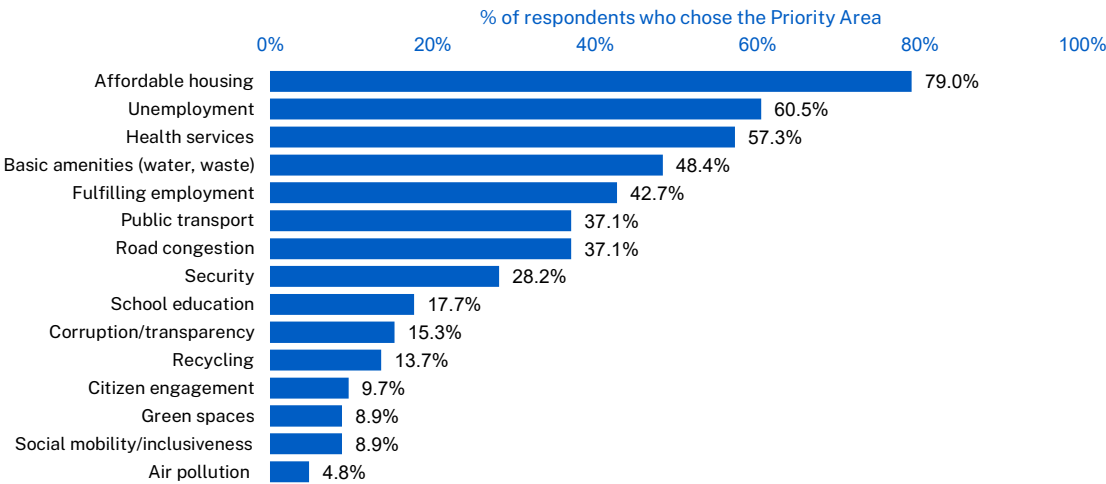
Country

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.



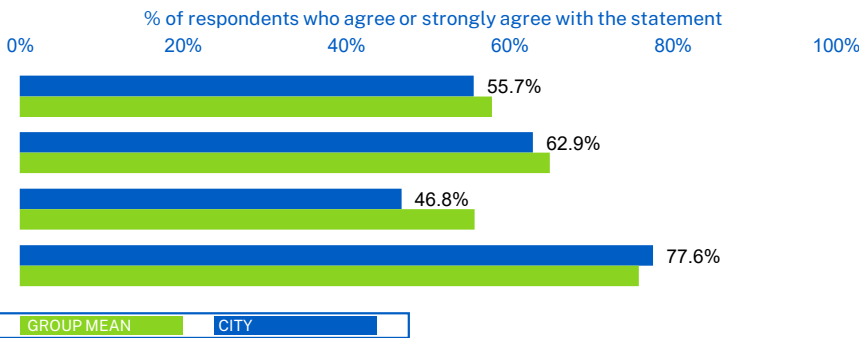
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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

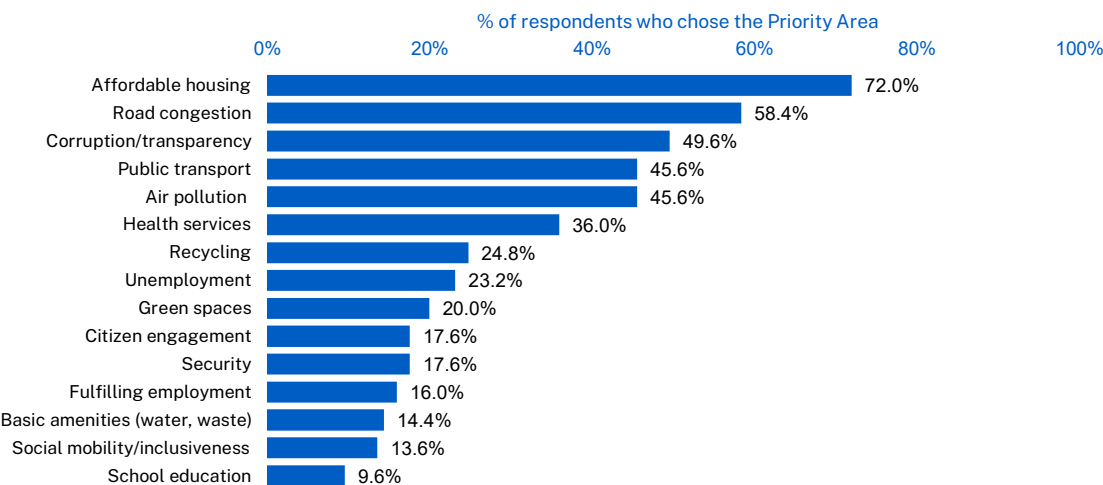
Country

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.



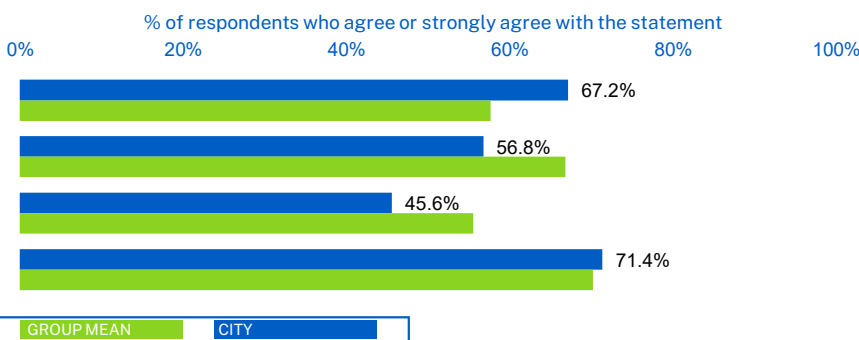
ATTITUDES

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You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

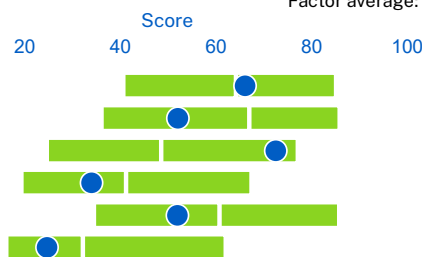
Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 52.6

Score



Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

Apps that direct you to an available parking space have reduced journey time

Bicycle hiring has reduced congestion

Online scheduling and ticket sales has made public transport easier to use

The city provides information on traffic congestion through mobile phones

Activities

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

Opportunities (Work & School)

Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

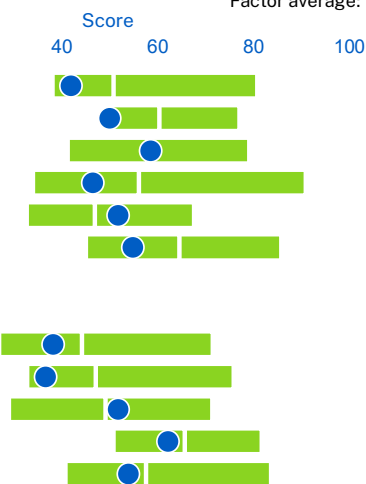
An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

TECHNOLOGIES

Factor average: 51.9

Score



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

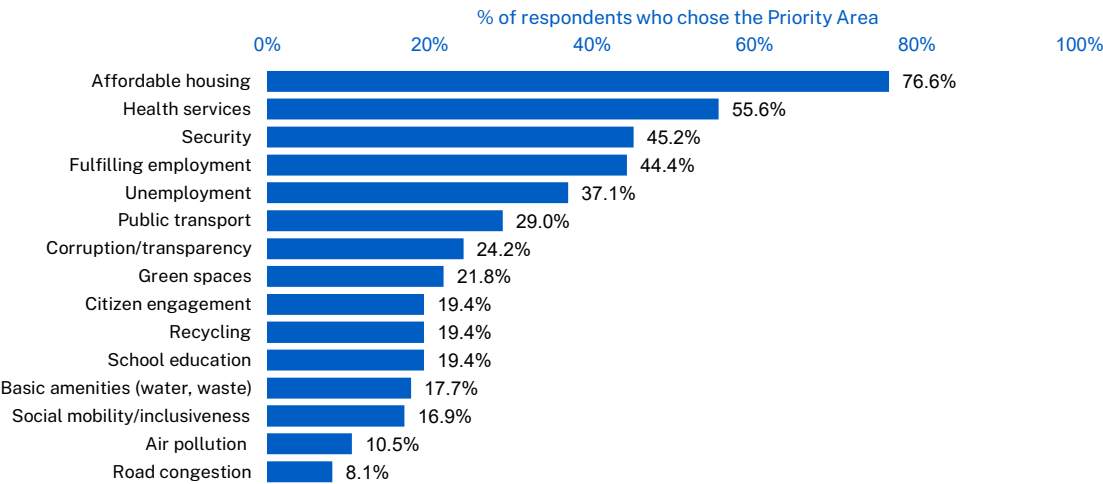
Country

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.



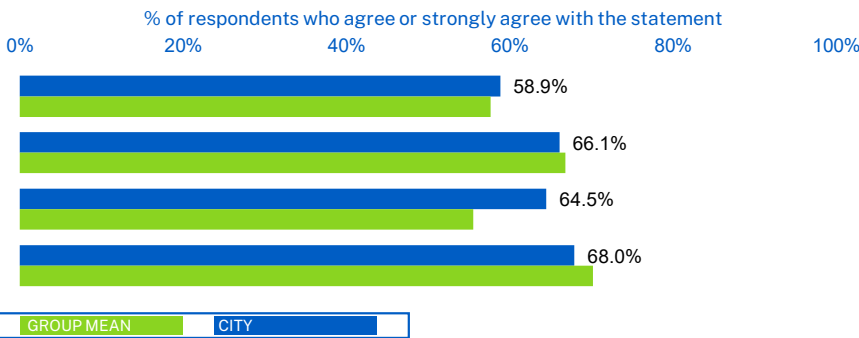
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion

You are comfortable with face recognition technologies to lower crime

You feel the availability of online information has increased your trust in authorities

The percentage of your day-to-day payment transactions



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)



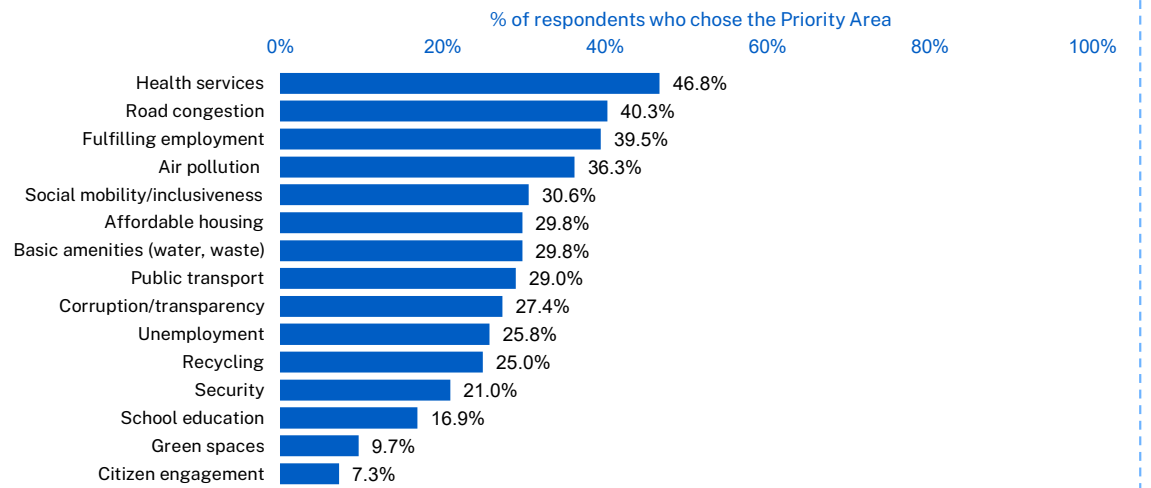
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

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
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responses per indicator,
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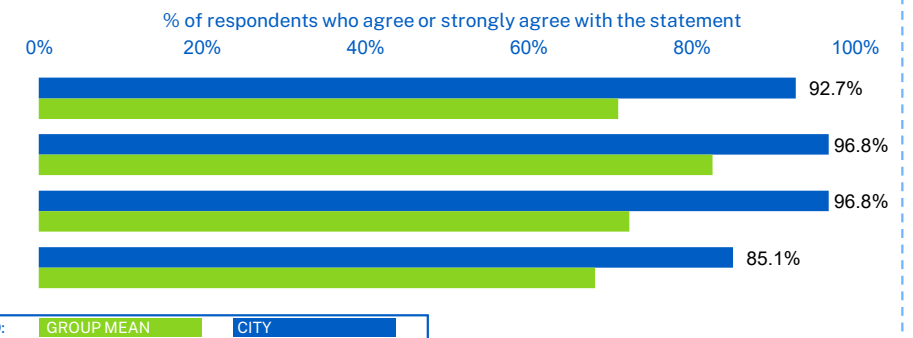
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The percentage of your day-to-day payment transactions



STRUCTURES

Health & Safety

Basic sanitation meets the needs of the poorest areas

Recycling services are satisfactory

Public safety is not a problem

Air pollution is not a problem

Medical services provision is satisfactory

Finding housing with rent equal to 30% or less of a monthly salary is not a problem

Mobility

Traffic congestion is not a problem

Public transport is satisfactory

Activities

Green spaces are satisfactory

Cultural activities (shows, bars, and museums) are satisfactory

Opportunities (Work & School)

Employment finding services are readily available

Most children have access to a good school

Lifelong learning opportunities are provided by local institutions

Businesses are creating new jobs

Minorities feel welcome

Governance

Information on local government decisions are easily accessible

Corruption of city officials is not an issue of concern

Residents contribute to decision making of local government

Residents provide feedback on local government projects

LEGEND: MIN CITY MEAN GROUP MAX

Factor average: 81.6

Score

0 20 40 60 80 100

88.0

84.3

76.5

71.6

86.5

82.3

68.0

79.5

87.9

85.9

87.9

80.8

79.4

83.0

85.1

87.4

72.6

79.4

84.5

TECHNOLOGIES

Health & Safety

Online reporting of city maintenance problems provides a speedy solution

A website or App allows residents to easily give away unwanted items

Free public wifi has improved access to city services

CCTV cameras has made residents feel safer

A website or App allows residents to effectively monitor air pollution

Arranging medical appointments online has improved access

Mobility

Car-sharing Apps have reduced congestion

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Online access to job listings has made it easier to find work

IT skills are taught well in schools

Online services provided by the city has made it easier to start a new business

The current internet speed and reliability meet connectivity needs

Governance

Online public access to city finances has reduced corruption

Online voting has increased participation

An online platform where residents can propose ideas has improved city life

Processing Identification Documents online has reduced waiting times

Factor average: 85.8

Score

0 20 40 60 80 100

85.9

84.6

84.1

85.2

84.1

88.9

81.9

83.6

84.1

85.6

89.9

87.7

85.9

86.6

85.6

88.8

86.9

79.8

85.7

91.2

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)



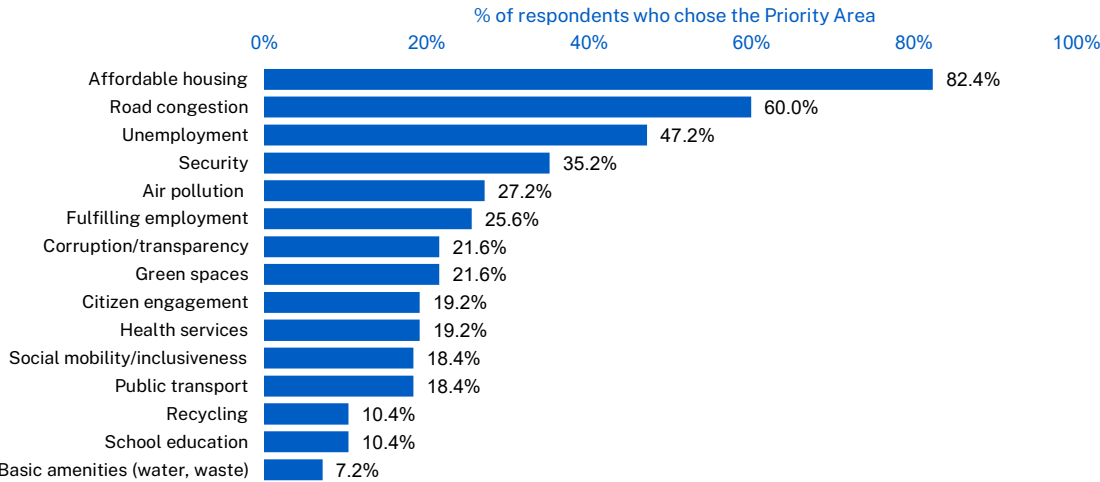
Source: Map tiles by Stamen Design CC BY 3.0 Map Data © OpenStreetMap

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

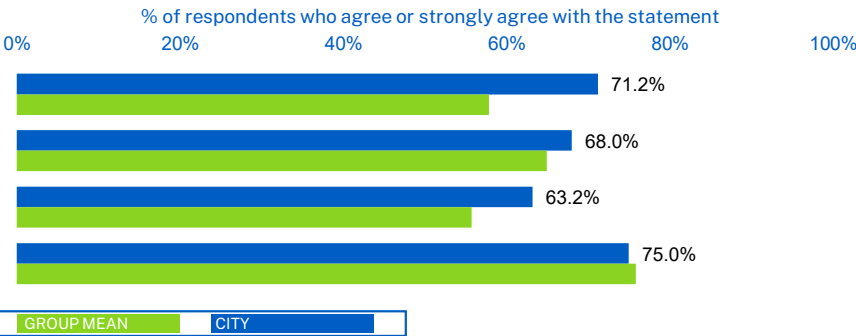
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The percentage of your day-to-day payment transactions

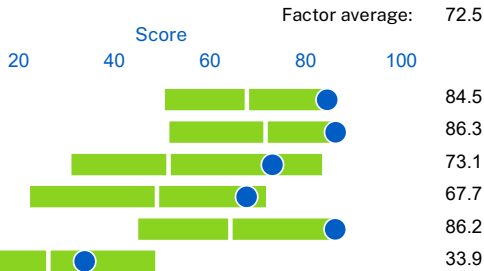


LEGEND: GROUP MEAN CITY

STRUCTURES

Health & Safety

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



Mobility

Traffic congestion is not a problem
Public transport is satisfactory



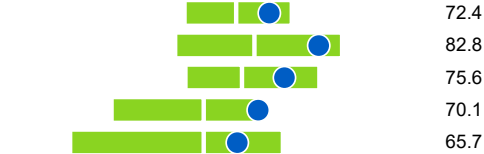
Activities

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



Opportunities (Work & School)

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



Governance

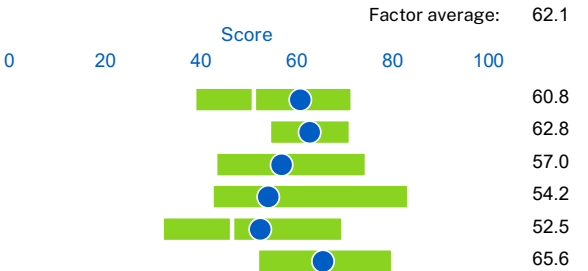
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Residents provide feedback on local government projects



TECHNOLOGIES

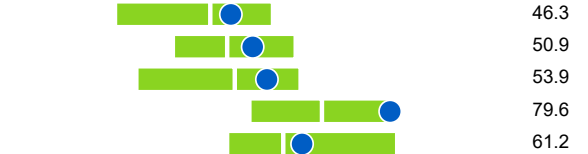
Health & Safety

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Arranging medical appointments online has improved access



Mobility

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



Activities

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



Opportunities (Work & School)

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



Governance

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



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
Krakov	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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