

# Smart cities: Digital solutions for a more livable future

Exhibit

MGI examined the comprehensiveness of the technology base in 50 cities around the world.

NOT EXHAUSTIVE

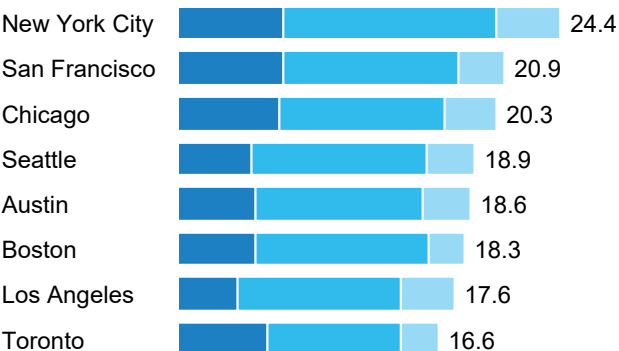
## Strength of smart city technology base

Maximum of 37 points

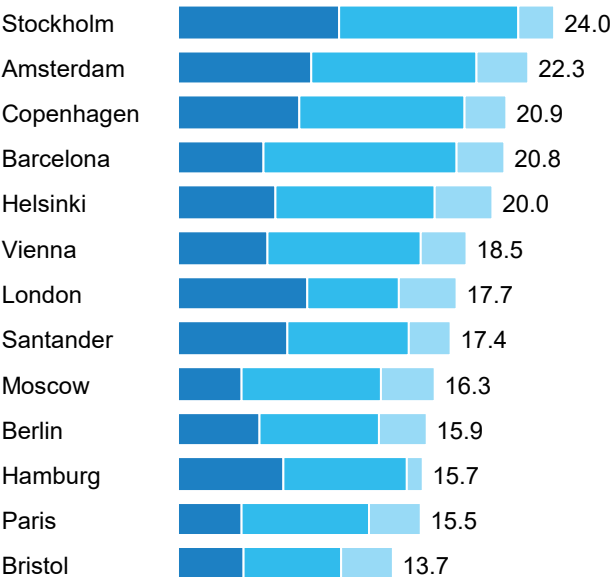
## Components of technology base

■ Sensor   ■ Communication   ■ Open data portal

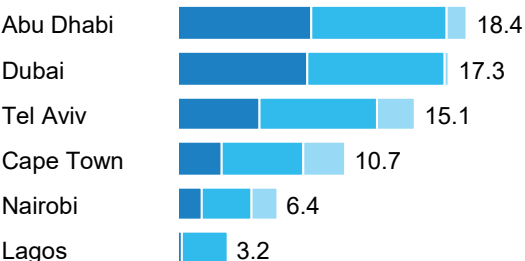
### North America



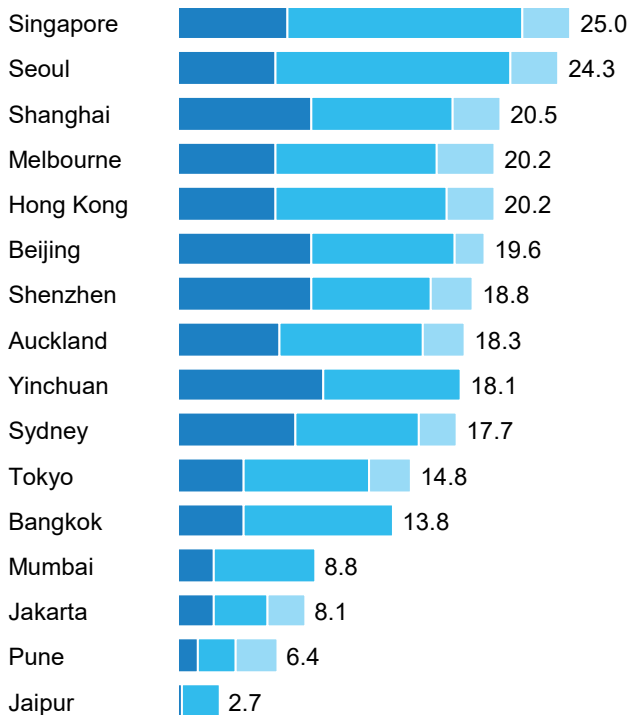
### Europe



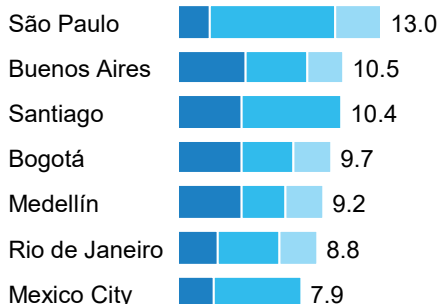
### Middle East and Africa



### Asia-Pacific



### Latin America



# Smart cities: Digital solutions for a more livable future

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MGI looked at the number of current smart city applications being deployed in 50 cities around the world.

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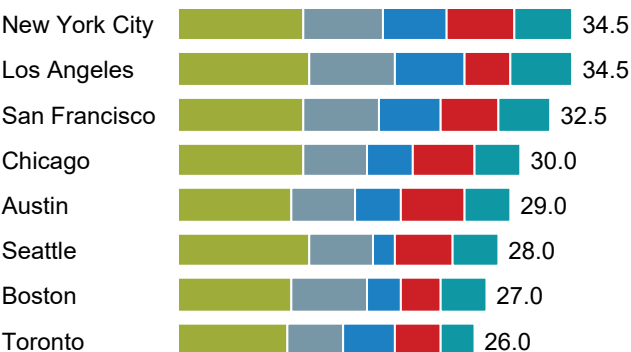
## Deployment of smart city applications

Maximum of 55 points

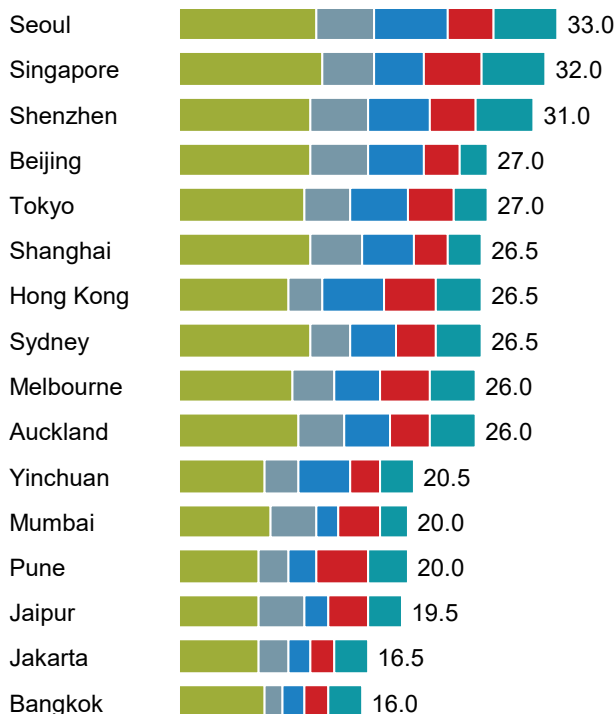
### Applications

- Mobility
- Security
- Utilities
- Healthcare
- Economic development, housing, and community

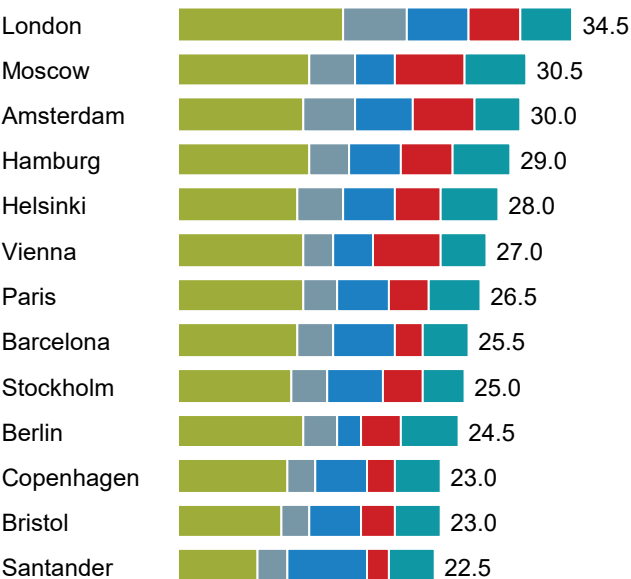
### North America



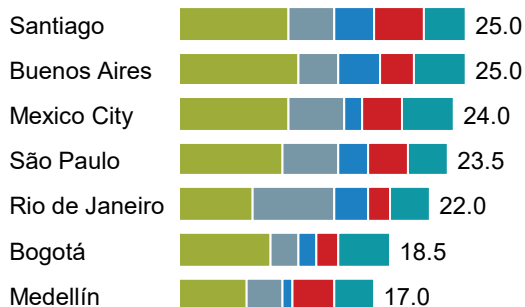
### Asia-Pacific



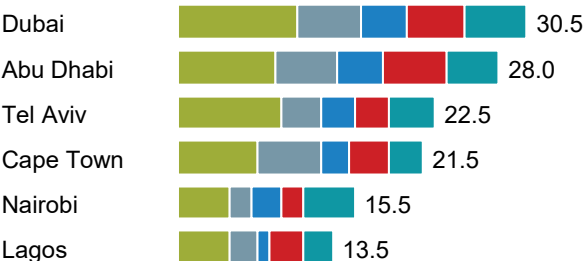
### Europe



### Latin America



### Middle East and Africa



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MGI surveyed local residents about the smart applications implemented in their cities.

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Combined awareness, usage, and satisfaction scores

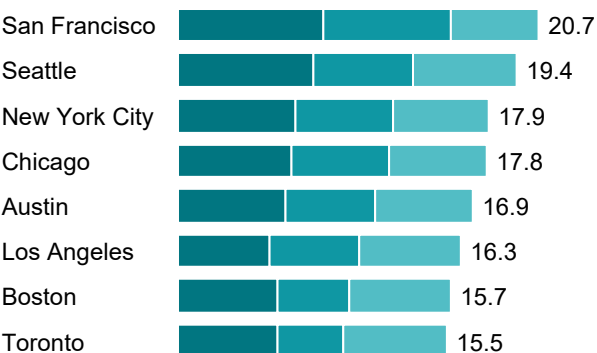
Maximum of 30 points

Components of citizen experience

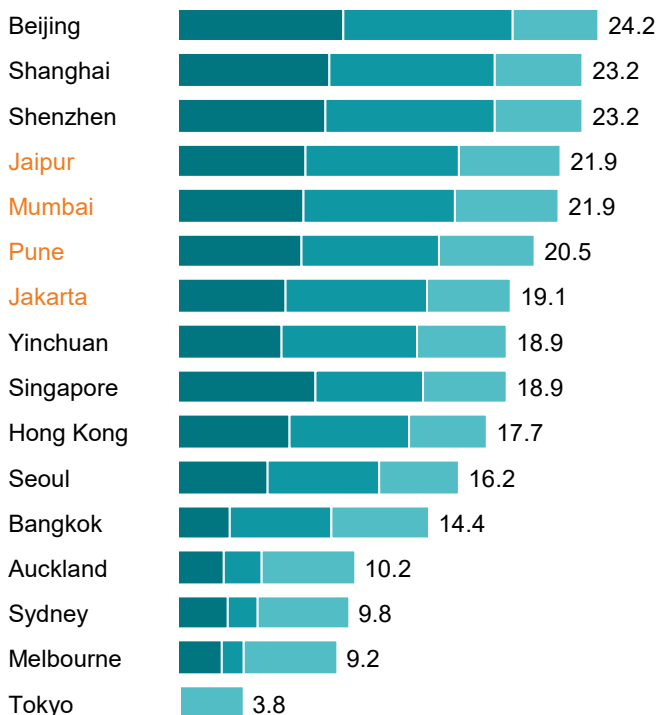


National smartphone penetration below 60%

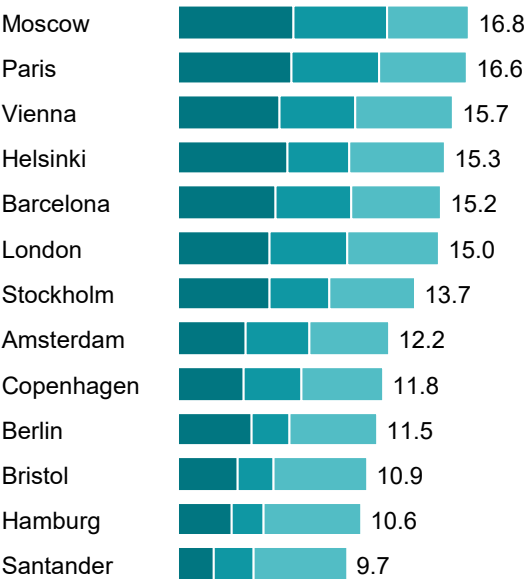
## North America



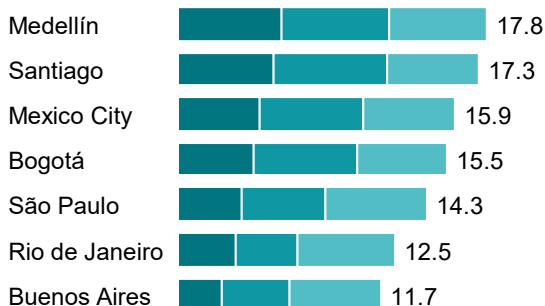
## Asia-Pacific



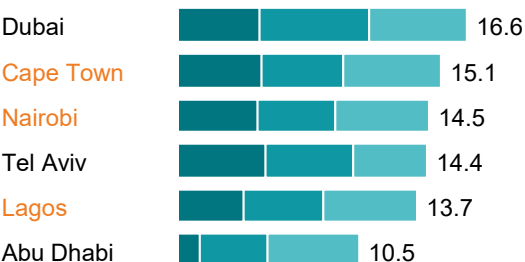
## Europe



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SOURCE: McKinsey Global Institute survey and analysis, McKinsey.com/smartcities.