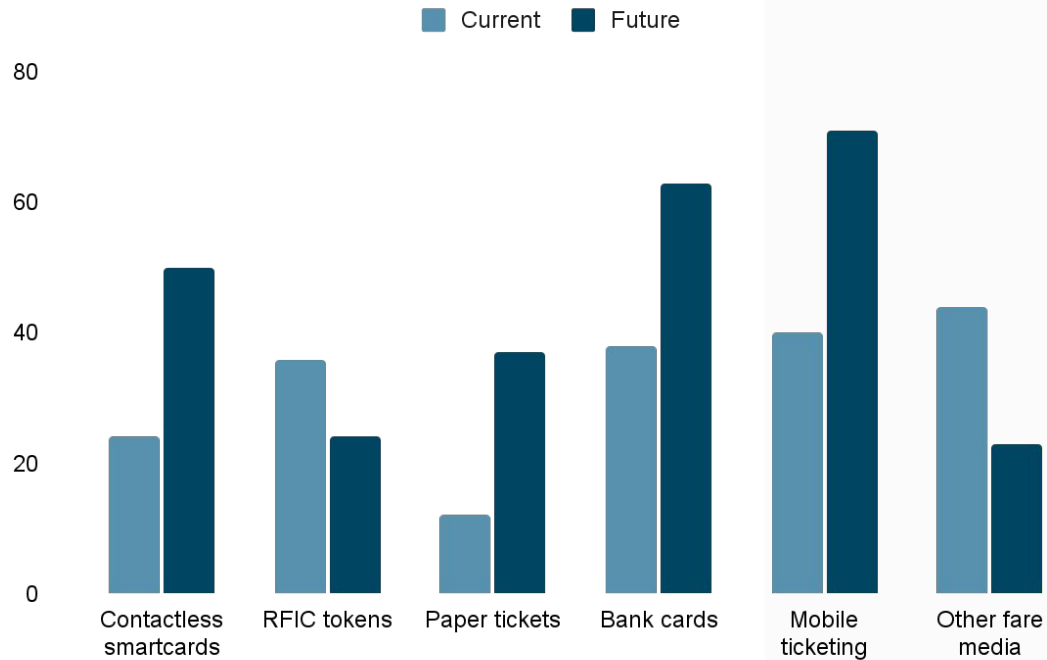


1.1.1 Overview of AFC systems in 750 Cities

Global Mass Transit Research has analysed existing and upcoming fare collection systems in 750 cities in 113 countries across the world. Of these, xx cities are in North America, xx are in Latin America, xx are in Asia Pacific, xx are in Europe and xx are in the Middle East and xx are in Africa.

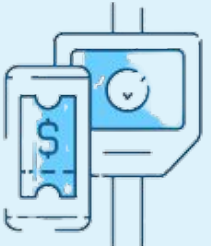
Region-wise spread of current and future deployments (no. of cities)

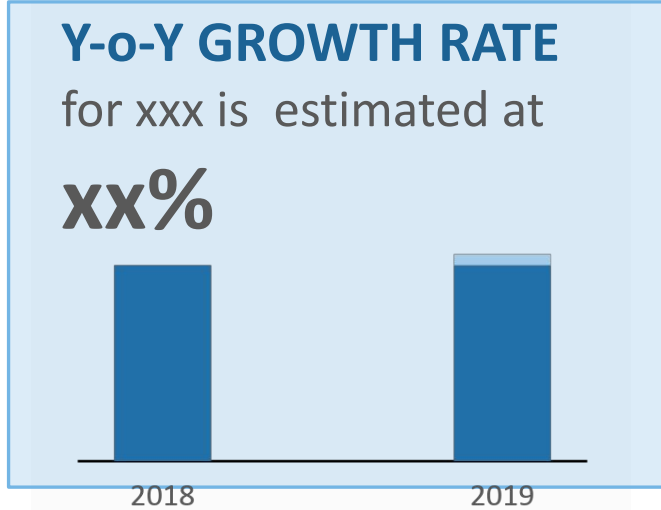


Note: xxx

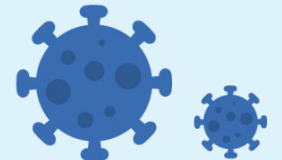
• xxx

Market size of AFC segment

AFC MARKET SIZE in xx
**USDxx billion**




COVID-19 situation resulted in **INCREASE** of AFC Market Size by **xx%**



xxx%
of the growth will originate from
ASIA PACIFIC



xxx
will continue to hold the **LARGEST** market size during the forecast period.



Market Growth will **ACCELERATE** at a CAGR of **xx%**



AFC Market size by sub-segments



Front-end hardware market share
XXX



Back-end market share
XXX



Service & maintenance market
XXX

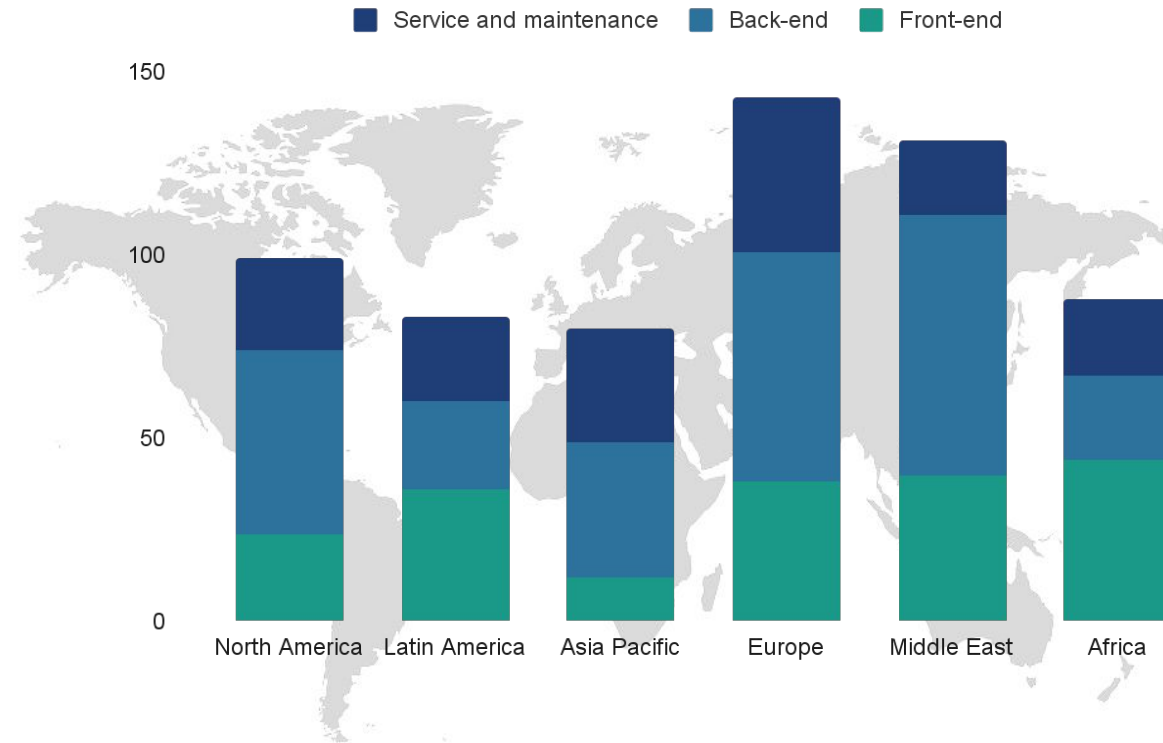


Mobile ticketing
XXX



Contactless smartcard
XXX

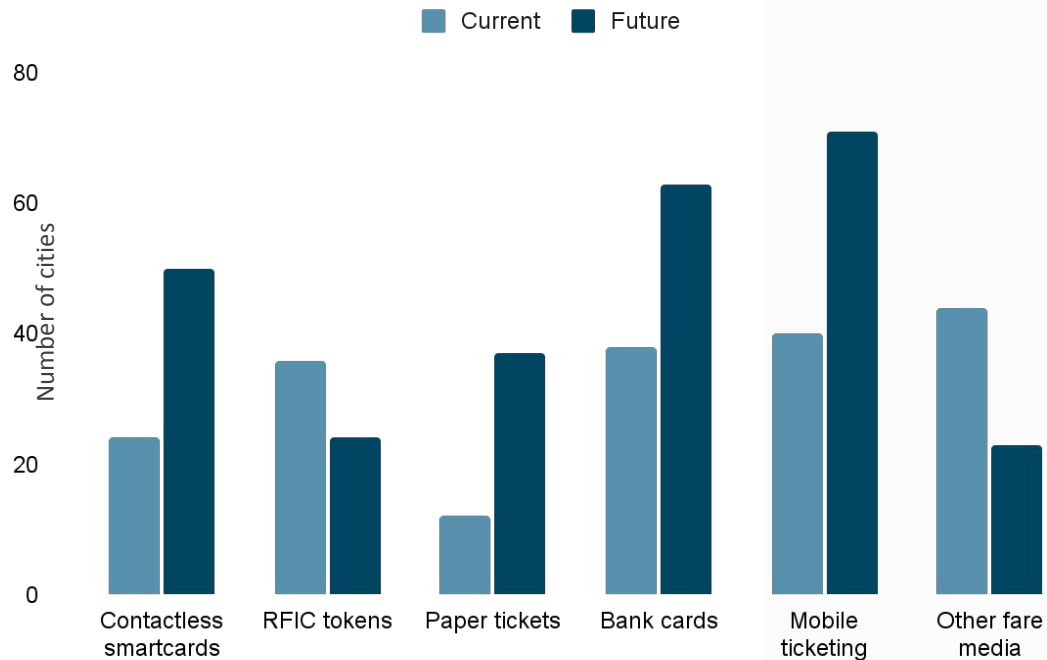
Market Size for the year 2019 by Sub-Segments (USD million)



Account-based ticketing (ABT): Size and key case studies

xxx

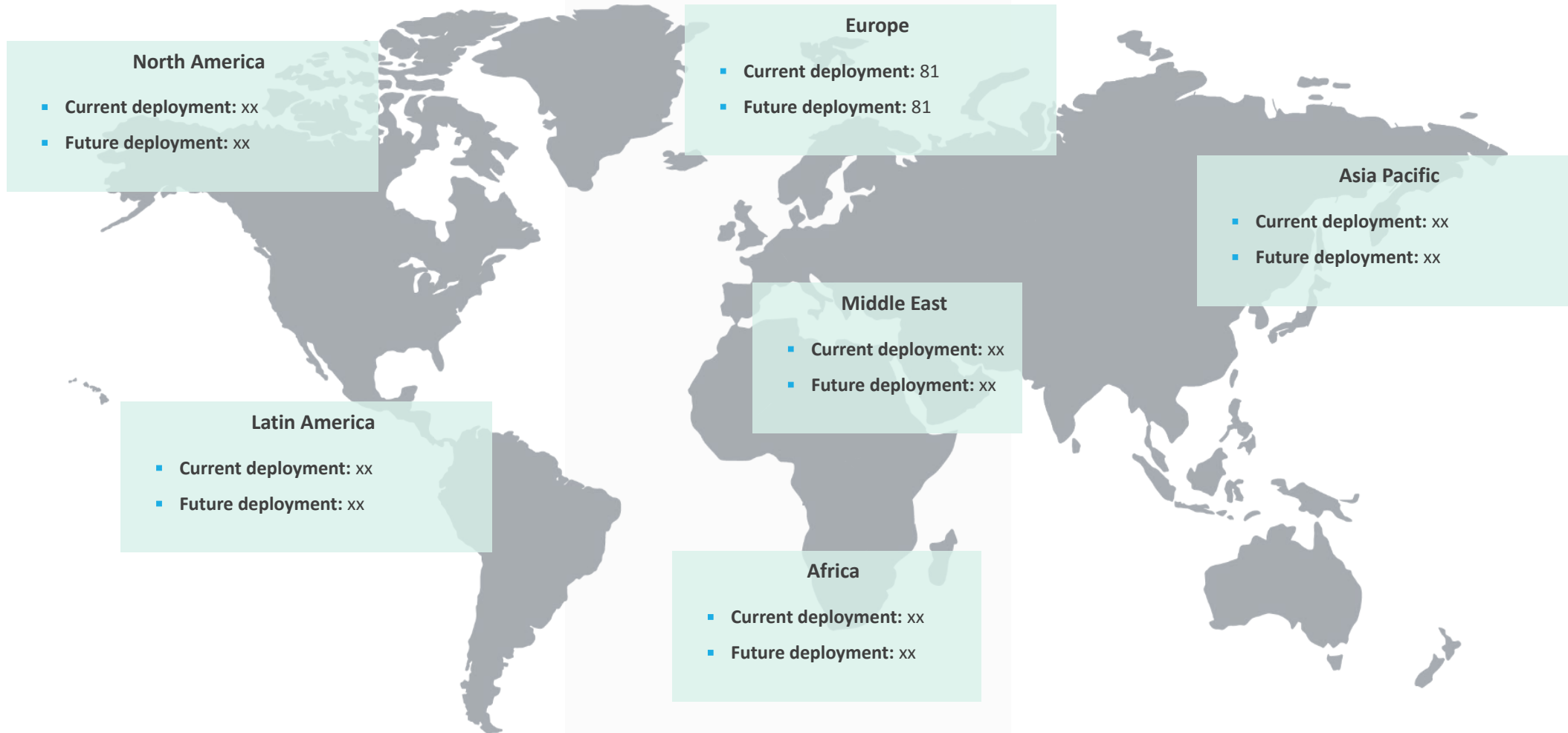
Region-wise spread of current and future ABT deployments



- Globally, of the 750 cities analysed by Global Mass Transit Research, ABT is being used in **xxx** cities.
- **xxx** leads the way with maximum ABT deployments, followed by **xxx**. Key deployments have also taken place in **xxx**
- Notable ABT deployments include **xxx**
- The focus is increasingly shifting to open-loop ticketing and ABT, although there are several successful examples of closed-loop systems worldwide. **xxx**
- Nearly **xx** cities out of the **xx** plan to deploy ABT.

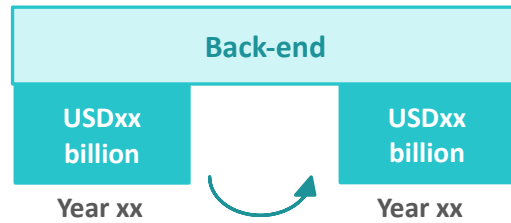
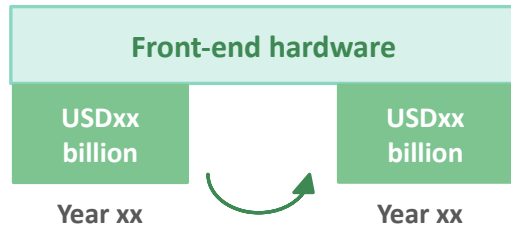
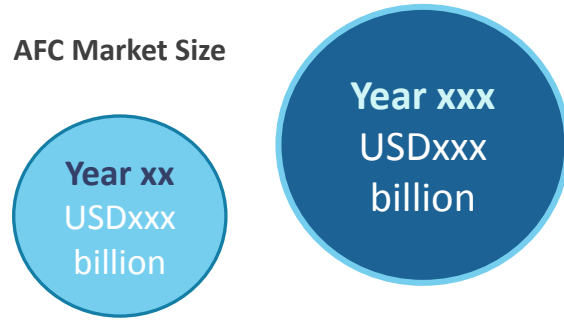
EMV payments in transit: Size and key case studies

Of the 750 cities covered in the report, contactless bank cards as fare media is currently deployed in **xxx** cities. In the future, **xxx** cities plan to deploy contactless bank cards as fare media on public transport.

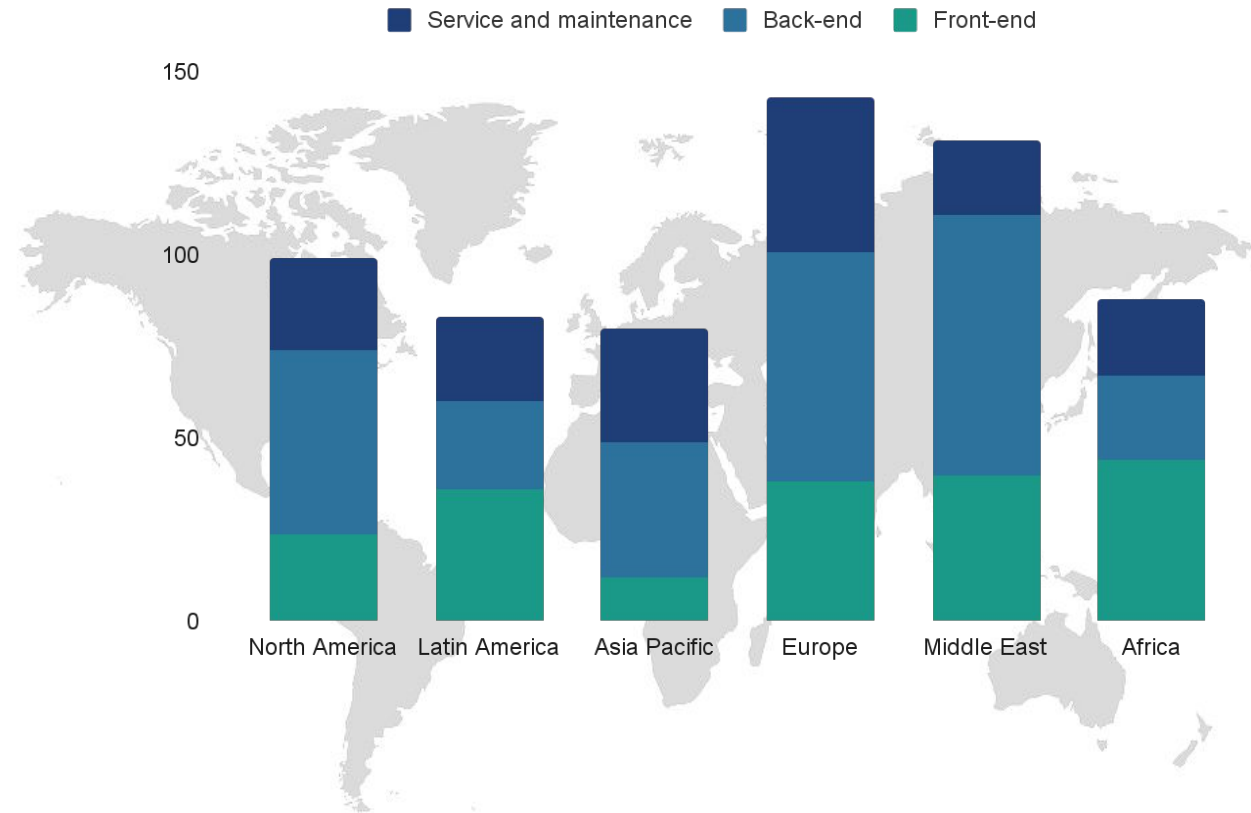


Growth in AFC market (by sub-segment) by 2028

AFC Market Size



Market Size for the year xxx by Sub-Segments (USD million)

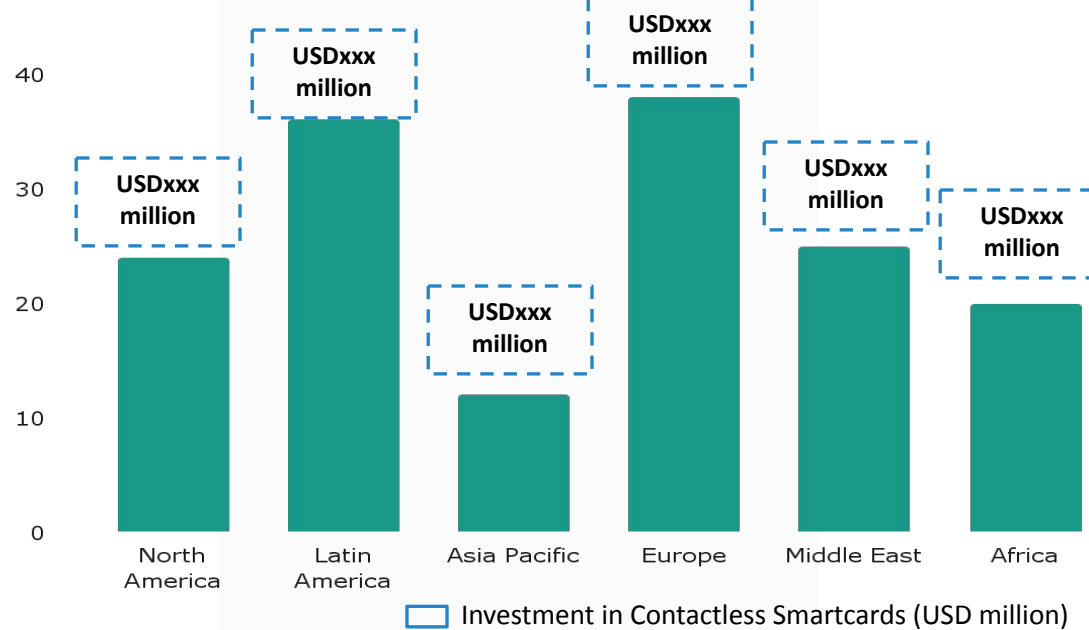


Future outlook and market opportunities

The market for deployment of advanced fare media is driven by upcoming urban rail projects. Cities developing new urban rail systems typically deploy off-the-shelf advanced fare media directly instead of first deploying traditional media and then transitioning towards advanced media.

Global Mass Transit Research estimates that the upcoming xxx

Region-wise AFC investment in upcoming rail projects (USD million)



xxx

Contactless smartcards

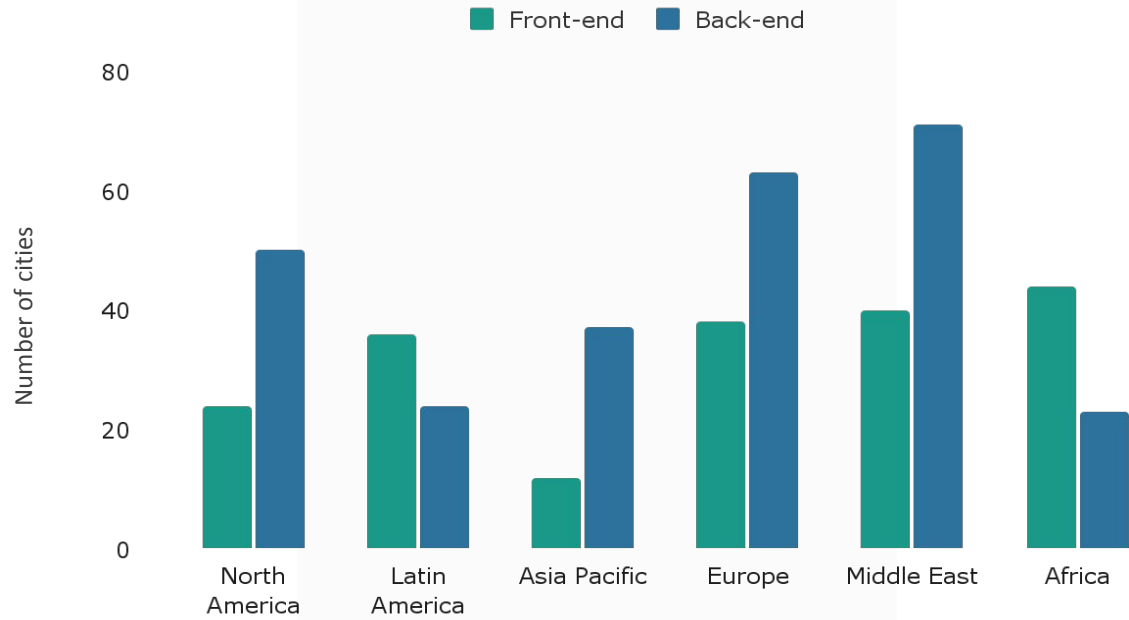
Of the 750 cities covered in this report,xxx

xxx

xxx

xxx

Region-wise spread of contactless smartcards



North America: Opportunities

Cities with plans for fare media procurement

Opportunities	No. of cities
Contactless smartcards	xxx
xxx	xxx
xxx	xxx
xxx	xxx
Digital wallets	xxx

No. of cities deploying the fare media for the first time

- xxx
- xxx
- xxx
- xxx
- xxx

xxx to witness steady growth

- xxx

Spotlight on xxx

- xxx

xxx expected to gain traction

- xxx

Plans to integrate xxx

xxx