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Measuring for progress: global indicators in the era of the city

Mircea Steriu

Statistics Manager– Knowledge & Innovation

 [@mirceasteriu](https://twitter.com/mirceasteriu)

UITP at a glance



A DIVERSE MEMBERSHIP

1,700 member companies

- Operators
- Authorities
- Policy decision-makers
- Research institutes
- The public transport supply and service industry

23,000 member contacts

From 99 countries



A WORLDWIDE ASSOCIATION

16 offices



NORTH AMERICA

- Regional Office | New York City

LATIN AMERICA

- Regional Office | São Paulo

EUROPE

- Main Office & Centre for Training | Brussels
- Liaison Office for Turkey | Istanbul

AFRICA

- UATP - Regional Office | Abidjan
- Liaison Office for Austral Africa | Johannesburg

EURASIA

- Regional Office | Moscow
- Liaison Office for Kazakhstan | Astana

MIDDLE EAST & NORTH AFRICA

- Regional Office and Centre for Transport Excellence | Dubai
- Liaison Office for Maghreb | Casablanca
- Liaison Office for Iran | Tehran

ASIA-PACIFIC

- Regional Office | Hong Kong
- UITP ANZ - Regional Office for Australia / New Zealand | Melbourne
- Regional Office for India | Bengaluru
- Liaison Office for China | Shenzhen
- Centre for Transport Excellence | Singapore





Global agendas

Initiatives and indicators sought



GLOBAL AGENDAS

- **UITP Sustainable Development Charter – adopted in 2003, containing voluntary reporting on sustainability metrics**
- **2015 adoption of the Sustainable Development Goals, including a specific urban goal: SDG 11, and target 11.2 looking to measure ‘convenient access to public transport’**
- **2016 adoption of the New Urban Agenda calling for sustainable urban planning and urban mobility linking people, places, goods, services and economic opportunities**
- **2018 UN review of progress on SDG 11**



VOLUNTARY COMMITMENTS – UITP SUSTAINABILITY CHARTER

KPIs linked to SDG 11.2

- SOC 6: How accessible is your network to the less abled?
- ECO 1: Total passengers carried
- ECO 7: Modal split of public transport in served area
- ECO 8: Annual capital investments in public transport improvement or improved efficiency measures
- ECO 9: Average age of the vehicle fleet
- ECO 10: Average commercial speed
- ECO 11: Produced seat-kilometres per operations employee
- ECO 14: Separate right-of-way in network
- ECO 15: Coverage rate (percentage of households and jobs well served within 500 meters from a public transport stop)

SUM4ALL INITIATIVE

'Access for all' workstream: 3 tiers of complexity:

- **Basic indicators:**

- Length of public transport lines per area
- Vehicle fleets per motorized transport mode
- Number of public transport journeys by mode of transport
- Vehicle-km offered per public transport mode
- Number of public transport stops per area
- Passenger volume by mode of transport

- **Intermediate indicators:**

- Population within 500 m of frequent public transport stop
- Average percent of income spent on transport per resident
- Modal share of different passenger modes
- Passenger km travelled by mode of public transport
- Goods VKM travelled in the city per capita

- **Advanced indicators:**

- Accessibility of the public transport network to persons with disabilities or in vulnerable situations
- Reduction in the percent of women who are deterred by fear of crime from getting to and from public transport
- Number of jobs and city services (e.g. hospitals, schools, etc.) accessible to the average city resident



Public transport data

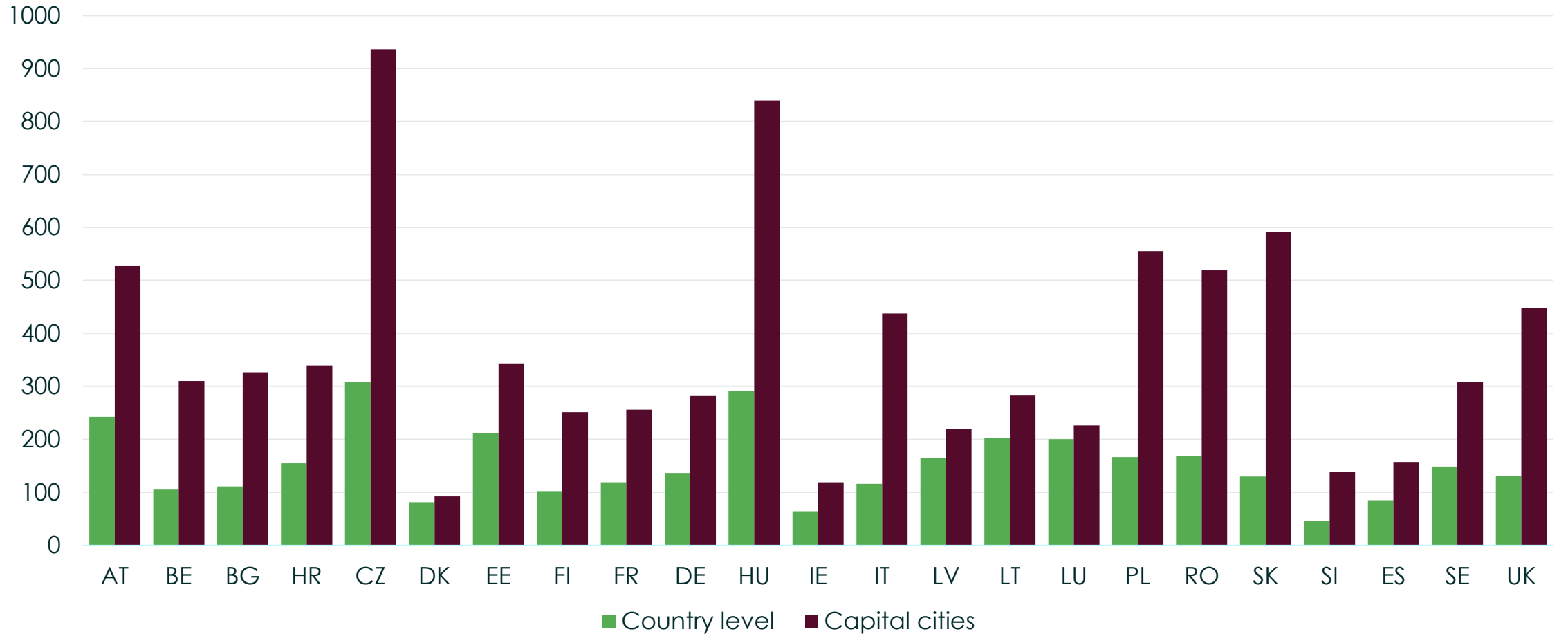
Indicators widely collected,
comparable across cities





DISTRIBUTION OF JOURNEYS

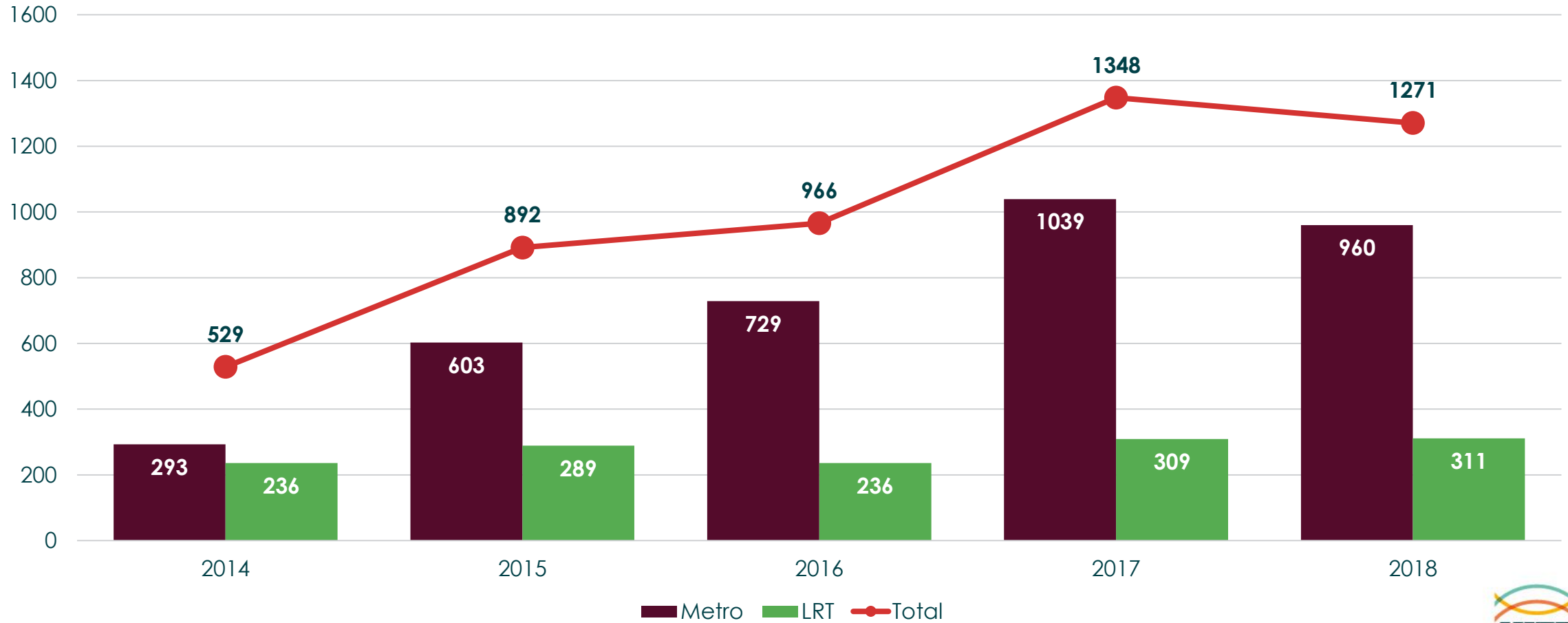
Public transport Journeys per capita 2014





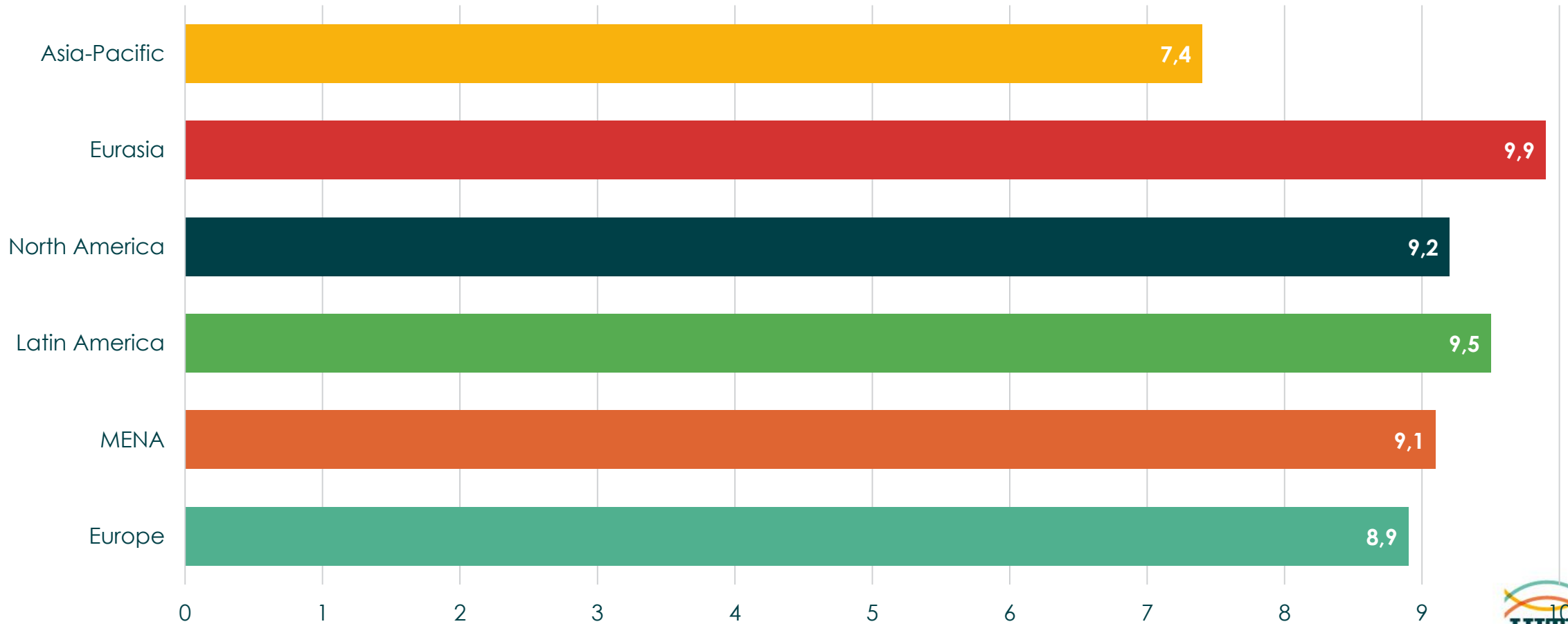
URBAN RAIL DEVELOPMENTS

Urban rail development (km)



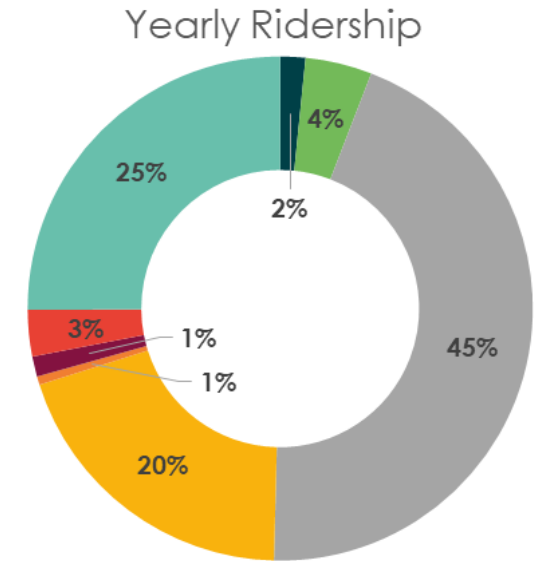
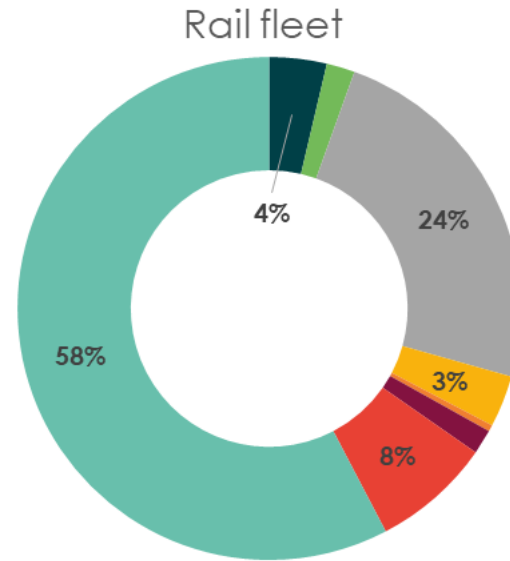
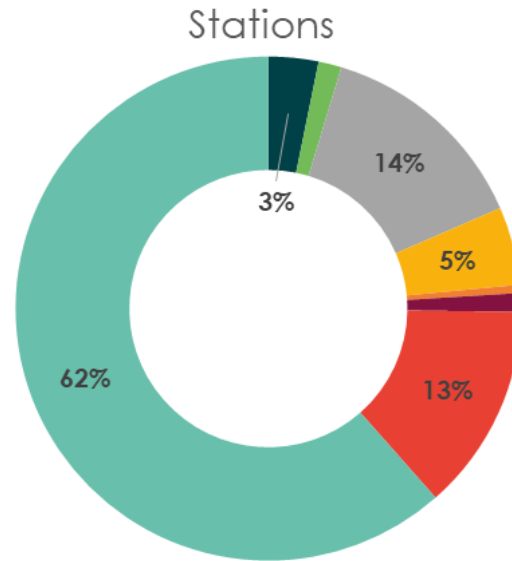
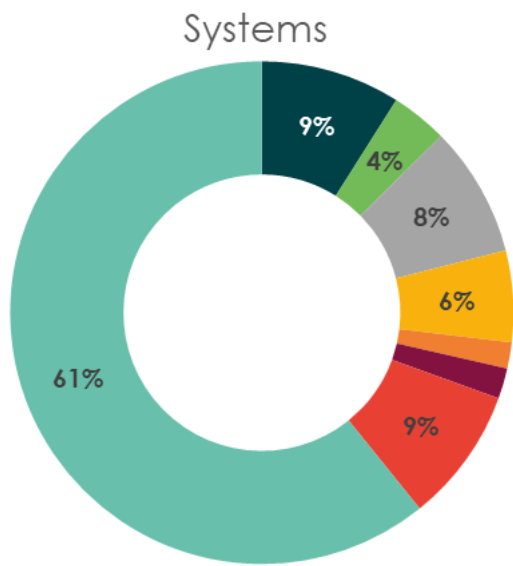
METRO OPERATIONS

Carriages per kilometre of line





REGIONAL AND SUBURBAN RAILWAY





QUESTIONS?