Moscow transport system
as seen by researchers and experts

Learn more about the research findings

Lomonosov Moscow State University
www.msu.ru/en/
www.indexmsu.ru/en/

GLOBAL URBAN TRANSPORT DEVELOPMENT INDEX[1] (2018)

The Index was developed in 2016 to compare large cities' urban transport systems in terms of quality, availability, road safety, freight logistics performance, and environmental impact. The Index is calculated annually and is based on 72 indicators for the period from 2010 to 2017.

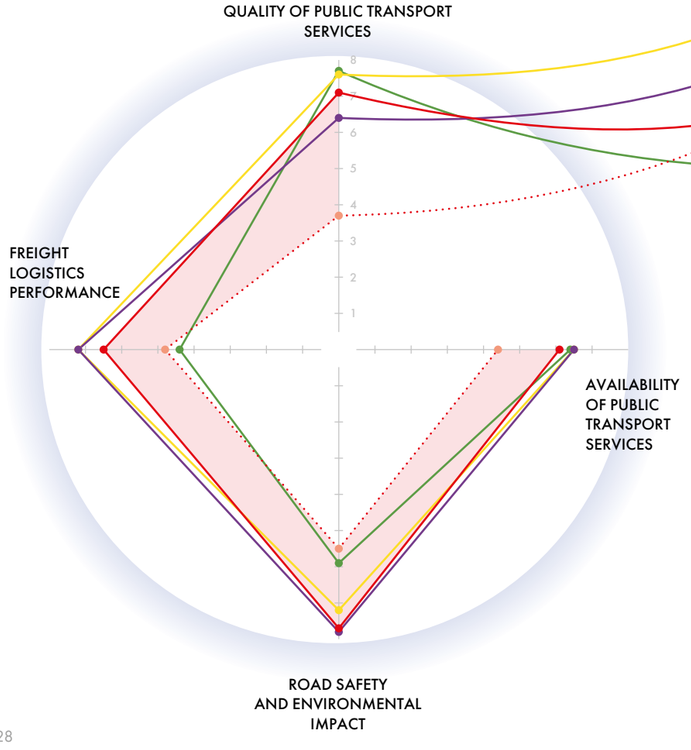
Research findings about Moscow

Moscow tied with London at 2nd to 3rd place in 2017 – a strong contrast to its 8th position in 2010.

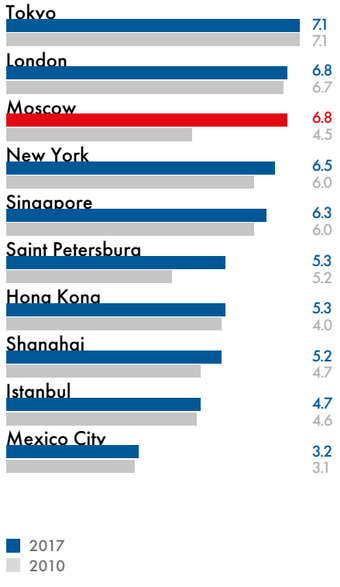
The city's index grew ahead of others across the globe between 2010 and 2017 – an average absolute growth of over 6-fold.

#3 globally

Transport Infrastructure Development Dimensions



Transport Development Index



1 The Index is calculated annually and was developed in 2016.

Lomonosov Moscow State University
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RUSSIA'S URBAN TRANSPORT DEVELOPMENT INDEX[1] (2018)

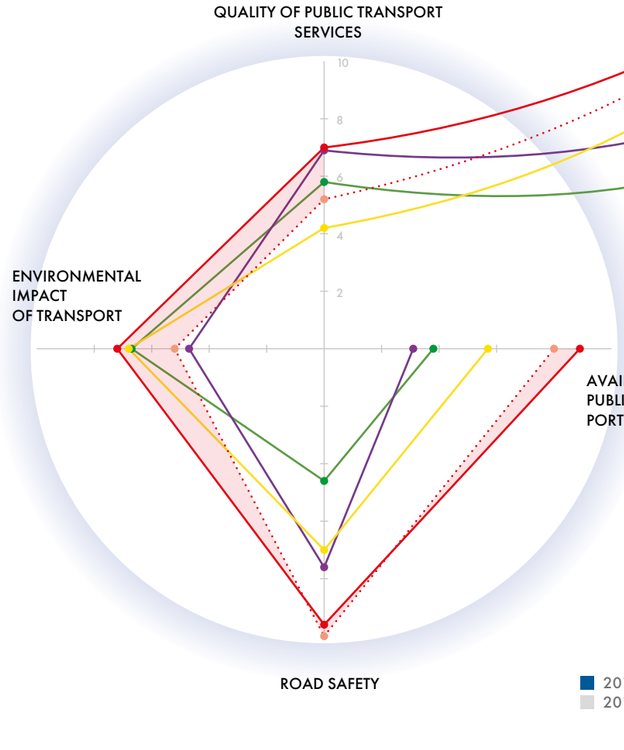
The Index was developed in 2016 to assess the quality, availability, safety, and environmental impact of transport. The Index is calculated annually and is based on 55 indicators for the period from 2010 to 2017.

Research findings about Moscow

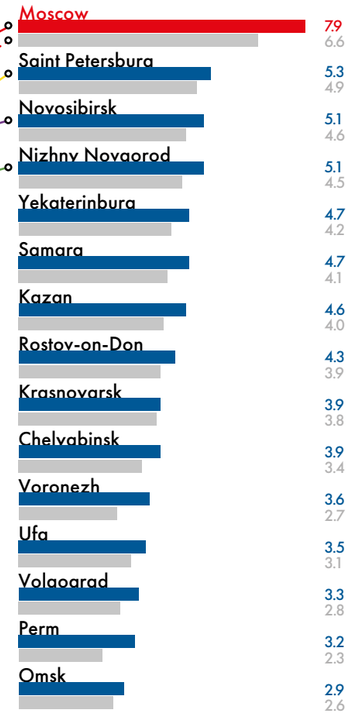
For the past eight years, Moscow has been Russia's leading city in transport development, with an absolute growth of its development index 2.5 times higher compared with the average growth posted by other cities with over one million residents.

#1 in Russia

Transport Infrastructure Development Dimensions



Transport Development Index



Moscow Transport

Moscow transport system as seen by researchers and experts

McKinsey&Company

www.mckinsey.com

ELEMENTS OF SUCCESS: THE URBAN TRANSPORT SYSTEMS OF 24 GLOBAL CITIES

An independent research by McKinsey & Company covering the urban transport systems of 24 cities across the globe. The benchmarking is based on a comprehensive set of objective indicators and detailed analyses of residents' satisfaction with their local public transport.

Research findings about Moscow

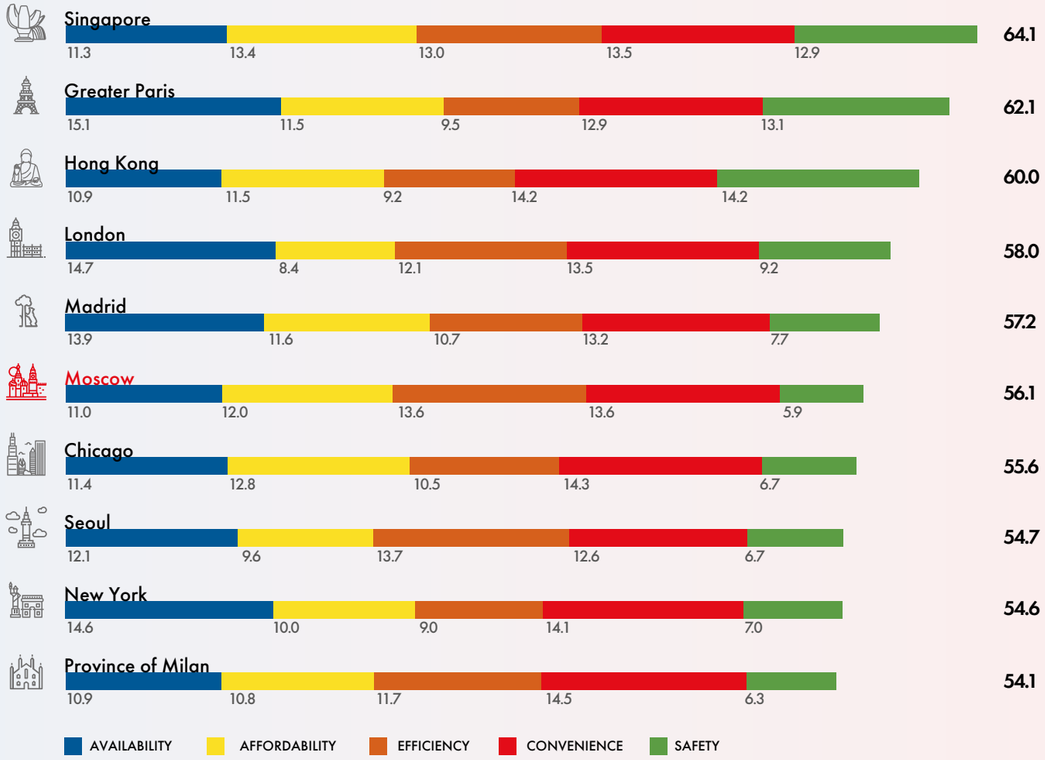
The comprehensive benchmarking ranks Moscow 6th in the world among 24 cities, on the level of London, Madrid, Chicago, and Seoul.

Our city demonstrates the highest rate of improvement – in 2010, it would have been ranked 20th among large cities in developing countries.

In public transport ranking, Moscow is positioned 4th, behind only Hong Kong, Singapore, and the Greater Paris region.

#6 globally

Overall transport ranking by objective indicators



Learn more about the research findings

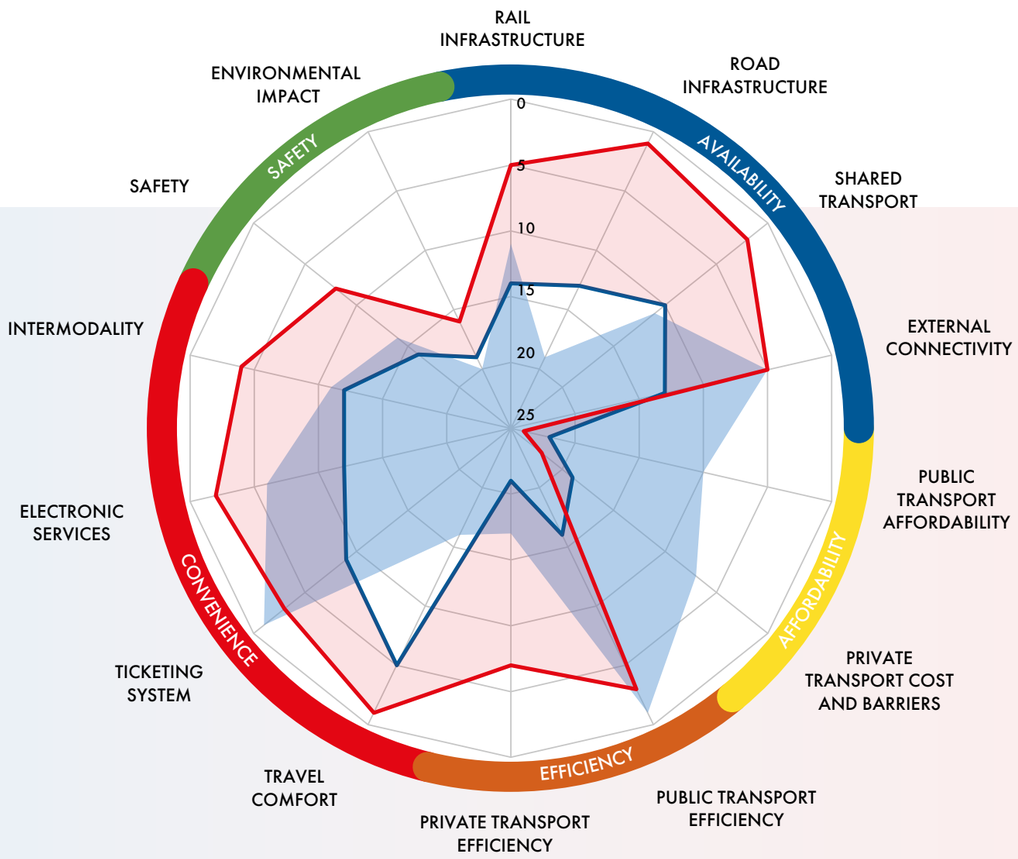
Moscow residents' perception of Moscow public transport

Muscovites highly appreciate changes to their public transport in recent years, although their level of satisfaction is still generally lower than that of residents in other leading cities.

The satisfaction is highest for travel comfort, convenience of the ticketing system, electronic services, and intermodality, as well as the availability of shared transport.

Moscow residents' perception towards the improvements in private transport efficiency and environmental impact is fair overall, but they generally undervalue achievements in affordability and efficiency of their public transport system.

Moscow rankings by selected metrics



Moscow's transport system as seen by researchers and experts

Learn more about the findings of TomTom's research

Learn more about the findings of PwC's research

TOMTOM TRAFFIC INDEX (2018)

www.tomtom.com

TomTom, a global manufacturer of personal navigation devices, publishes an annual ranking of cities by congestion levels, covering almost 400 cities across six continents.

Research findings about Moscow traffic

After a peak in 2012, Moscow's traffic congestion level declined by 25%.

According to a momentum case for the city's road infrastructure, Moscow's road congestion without a transport strategy would have increased 26% [1] by 2018.

The overall level of traffic congestion in Moscow declined by 1% year-on-year in 2017 to 43%.

Evening rush hour congestion declined from 94% in 2016 to 91% in 2017.

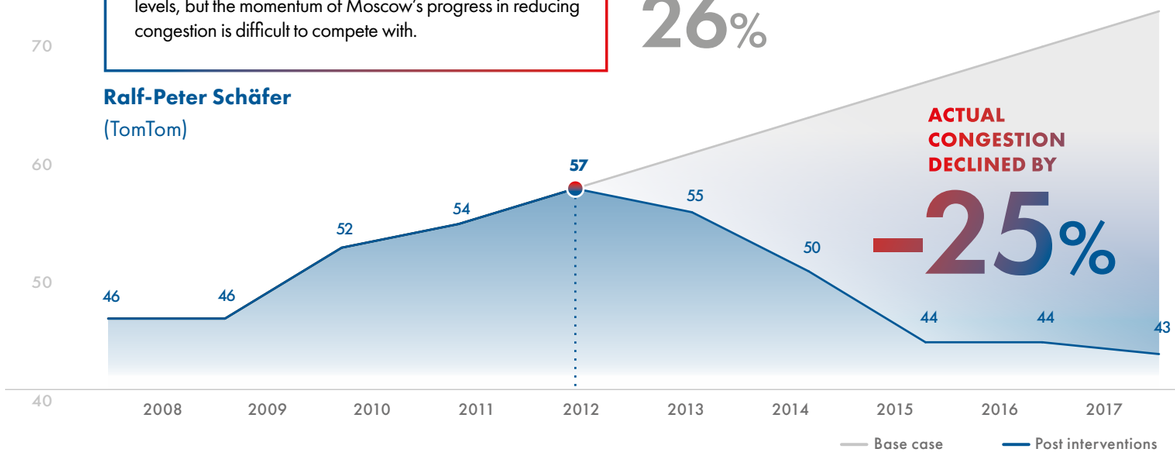
Extra travel time due to traffic jams, %

Many cities are working to improve their traffic congestion levels, but the momentum of Moscow's progress in reducing congestion is difficult to compete with.

Ralf-Peter Schäfer
(TomTom)

Potential increase of traffic congestion by[1]

26%



DRIVERS AT PLAY

- Large-scale construction of new roads, interchanges, and metro stations
- Introduction of integrated traffic management
- Improvements to public transport performance
- Public transport movement control
- Intelligent Transport System
- Unified parking system

1 Forecast by the Traffic Management Centre.

HUMAN DIMENSION IN THE URBAN ENVIRONMENT (2018)

www.pwc.ru/en

The research considers the quality of life and consumption of resources in 14 global cities and is based on spatial and statistical analyses, as well as a survey that covered 7,000 respondents (about 500 respondents in each city). Six indicators were used to compare levels of public transport infrastructure development and the day-to-day availability of different modes of transport.

Research findings about Moscow transport

Due to its balanced transport development approach, Moscow is ranked among the top 3 cities, just behind large cities in the United States.

Moscow's ranking by the integral index places it among the leading cities for transport infrastructure convenience.

#3 globally

Moscow's key advantages compared to other cities

AFFORDABILITY **MULTIMODALITY**