

Public Transportation Market Study

About Us

Straits Research Pvt Ltd is a leading market research firm offering comprehensive insights on market demand, trends, growth prospects and regional analysis. With over 35 years of combined experience, we provide premium qualitative insights on consumer preferences, regulatory landscape, and technological advancements along with quantitative insights on industry market size, global economic scenario and revenue opportunities. These reports are backed by high-quality data sourced from primary sources and large secondary databases. With analyst perspectives and insights included in every report, Straits Research delivers comprehensive market intelligence and detailed analysis to help clients make informed decisions.

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Company Profiles

Alstom SA

Siemens Mobility

Bombardier Transportation (acquired by Alstom)

CRRC Corporation Limited

Hitachi Rail

ABB Group

Hyundai Rotem Company

CAF (Construcciones y Auxiliar de Ferrocarriles, S.A.)

Keolis Group

Transdev Group.

RideFlux

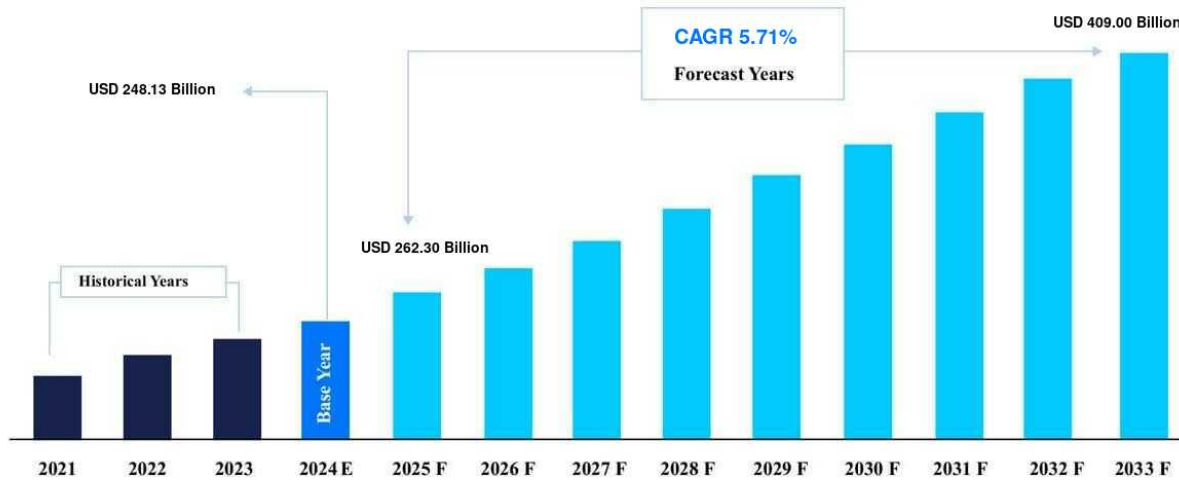
Note: More company profiles available on full reports.

Top 5 Company Market Share



Total
48%

Top 5 company market share



Source: Straits Research

Emerging Countries

United States

Germany

China

Emerging Companies

Keolis Group

Transdev Group

RideFlux

Market Trends

Growth Trends

- Increasing demand for efficient and eco-friendly transport solutions as a growth factor
- Rapid urbanization leading to greater adoption of public transportation
- Increasing investment in smart city projects supporting public transportation development
- Technological advancements like contactless payments, AI and ML based route optimizations adding to the growth
- Government support and initiatives towards public transportation to reduce carbon footprint

Factors considered while calculating market size and share

- Number of active users of public transportation
- Total revenue generated by public transportation
- Various types of public transportation and their market shares
- Geographical distribution of public transportation users
- Growth rate of public transportation users
- Government policies and regulations related to public transportation
- Infrastructure investment and development in public transportation
- Impact of technological advancements like online ticketing, route tracking, etc. on market
- Competition with private vehicles and other transportation services

Key Market Indicators

- Revenue growth of public transportation via ticket sales and other income sources
- Rate of adoption of public transit by new users
- Investment in infrastructure and new transportation projects
- Usage frequency and user preference for public transportation
- Technological adoption rates, such as mobile ticketing or Real-Time Passenger Information (RTPI)

High initial investment costs

A major restraint on the growth of the global public transportation market is the high initial investment required for developing transportation infrastructure, including rail networks, metro systems, and bus rapid transit (BRT) lanes. These large-scale projects demand significant capital from both the public and private sectors, often leading to delays in implementation, especially in developing regions with limited financial resources. The substantial upfront costs, coupled with long construction timelines, can slow the development of much-needed public transit systems, hindering efforts to improve urban mobility and meet the growing demand for sustainable and efficient transportation options.

Market Trends

Increasing urbanization and population growth

Urbanization is a primary driver of growth in the public transportation market as more people move to cities in search of better employment, education, and living opportunities. This rapid urban migration increases the demand for efficient, cost-effective transportation systems, prompting cities to expand and modernize their public transit networks. To meet the growing mobility needs of their populations, urban areas are increasingly adopting multi-modal transport systems that include buses, trains, and shared mobility solutions, offering greater flexibility and efficiency.

- For example, in 2023, China's urban population surpassed 60% of the total population, significantly boosting the demand for mass transit options. In response, the government has committed billions in investments toward the expansion of metro, bus, and rail infrastructure, underscoring the critical role of public transportation in supporting the country's urban growth.

Government initiatives for sustainable mobility

With rising environmental awareness, many governments are encouraging public transit as an alternative to private car ownership. This shift is driven by initiatives such as incentives for adopting electric vehicles, including electric buses and trains, which further fuel market growth. Regulatory measures aimed at improving air quality and reducing emissions are also propelling the modernization of public transport systems.

Growth of shared mobility services

The rapid growth of shared mobility services, such as ride-hailing, car-sharing, and bike-sharing, presents a significant opportunity for integrating these solutions with traditional public transportation networks. By forming partnerships with private mobility providers, public transit agencies can create seamless, multi-modal transportation systems that offer passengers greater convenience, flexibility, and affordability. This integration allows for smoother transitions between different modes of transport, improving overall accessibility and efficiency.

- For example, in February 2024, Uber partnered with the city of Paris to integrate its ride-hailing services with metro and bus schedules, enhancing the coordination and efficiency of the city's public transportation system. This collaboration reflects the growing trend of leveraging shared mobility to optimize public transit and meet the evolving needs of urban commuters.

Market Segments

By Mode

Rail Transport is the largest sub-segment, holding 42-45% of the market share due to its efficiency and sustainability, particularly in urban settings.



42-45%

Rail Transport

By System

Automated Fare Collection (AFC) leads with a 57-60% share, driven by its convenience and integration with modern payment technologies.



57-60%

Automated Fare Collection (AFC)

By Service

Urban services dominate with a XX% share, catering to the transportation demands of densely populated cities.



XX%

Urban

Market Segments

By Applications

Passenger Transport is the largest sub-segment at XX%, reflecting the primary focus on safe and reliable movement for people.



XX%

Passenger Transport

Regional Overview

North America

The United States leads with a 38-40% regional share, bolstered by investments in modernizing public transit infrastructure to support sustainable urban mobility.



38-40%

United States Market Share

Europe

Germany dominates with a 27-30% regional share, leveraging its advanced rail and urban transit networks to drive efficient transportation across the continent.



27-30%

Germany Market Share

APAC

China holds a XX% regional share, propelled by rapid urbanization and massive investments in public transportation to accommodate its growing population.



XX%

China Market Share

Regional Overview

Middle East and Africa

The UAE leads with a XX% regional share, focusing on modern transit systems in cities like Dubai to boost economic and tourism growth.



XX%

United Arab Emirates Market Share

LATAM

Brazil captures a XX% regional share, driven by urbanization and population demands for improved public transportation in its major cities.



XX%

Brazil Market Share

Company Profiles

Companies	Websites	Headquarters	Establisheds	Key Executives	Revenues
Alstom SA	https://www.alstom.com/	Saint-Ouen, France	1928	Henri Poupart-Lafarge (Chairman and CEO)	USD 19 Billion
Siemens Mobility	https://www.mobility.siemens.com/global/en.html	Munich, Germany	1847	Roland Busch (CEO of Siemens AG)	USD 3 Billion
Bombardier Transportation (acquired by Alstom)	https://bombardier.com/en	Berlin, Germany	1942	Éric Martel (President and CEO)	USD 8 Billion
CRRC Corporation Limited	https://www.crrcgc.cc/crrcgc/	Beijing, China	2015	Sun Yongcai (Chairman)	USD 32 Billion
Hitachi Rail	https://www.hitachirail.com/	Tokyo, Japan	1920	Andrew Barr (CEO of Hitachi Rail)	USD 7.6 Billion

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