

Micro Mobility Market Set for Significant Growth with 13% CAGR by 2030

The Micro Mobility Market focuses on compact, eco-friendly transportation solutions like e-scooters and e-bikes, driven by urbanization trends.

NEW YORK, NY, UNITED STATES, January 13, 2025 /EINPresswire.com/ --According to a comprehensive research report by Market Research Future (MRFR), The Micro Mobility Market Information by Product Type, End-use Industry, and Region- Forecast till 2030, The micro-mobility market industry is



projected to grow from USD 114.15 Billion in 2024 to USD 303.47 billion by 2032, exhibiting a compound annual growth rate (CAGR) of 13.00% during the forecast period (2024 - 2030). The micro-mobility market size was volumed at USD 101.02 billion in 2023.

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Micro-mobility is transforming urban transportation with ecofriendly, efficient solutions." MRFR Micro-mobility refers to small, lightweight vehicles that are designed for short-distance travel, typically in urban areas. These vehicles, which include electric scooters, bikes, and other personal transportation devices, have gained significant traction due to the growing demand for sustainable, affordable, and efficient transportation

options. The micro-mobility market has witnessed rapid growth in recent years as cities around the world face challenges related to traffic congestion, pollution, and the need for eco-friendly alternatives.

The market is also being driven by advancements in technology, which have led to the development of more efficient electric vehicles, improved battery life, and enhanced connectivity features, such as GPS tracking and mobile app integration. Micro-mobility solutions are seen as a practical response to these urban challenges, as they offer an easy-to-use, flexible, and sustainable transportation option that can fill the gap between traditional modes of transport

like walking and driving.

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The micro-mobility market is shaped by several factors that influence its growth and development. These factors can be broadly categorized into drivers, restraints, opportunities, and challenges that impact both the demand and supply sides of the market.

Environmental Concerns and Sustainability: One of the main drivers of the micro-mobility market is the increasing awareness about the environmental impact of traditional transportation. As urban areas strive to reduce carbon emissions and tackle air pollution, micro-mobility offers a greener alternative. Electric scooters and bikes, for instance, produce no emissions during operation, making them an attractive solution for eco-conscious consumers and governments.

Urbanization and Traffic Congestion: The rapid pace of urbanization, especially in emerging markets, has led to increased traffic congestion in cities. Micro-mobility vehicles provide an efficient and quick way to navigate through crowded streets, reducing travel time and offering an effective last-mile solution. As cities face growing pressure to accommodate increasing populations while managing road space efficiently, micro-mobility solutions have become a critical component of the urban transportation ecosystem.

Cost-Effectiveness: Micro-mobility solutions are typically more affordable than owning a private car or relying on taxis and ride-hailing services. With lower maintenance costs and no fuel requirements, electric scooters, and bikes present an attractive option for consumers, particularly in densely populated urban areas where vehicle ownership is costly and impractical.

Technological Advancements: The development of better batteries and electric motor technologies has improved the performance, range, and durability of micro-mobility vehicles. Enhanced battery efficiency allows for longer rides, and innovations like swappable batteries and better safety features (such as smart helmets and built-in sensors) are boosting the appeal of micro-mobility options.

Government Initiatives and Investments: Governments around the world are increasingly investing in the development of infrastructure that supports micro-mobility solutions. The introduction of bike lanes, dedicated scooter parking spaces, and financial incentives, such as subsidies or tax benefits, are helping to accelerate the adoption of micro-mobility vehicles.

Regulatory Challenges: Despite the growing popularity of micro-mobility solutions, regulatory frameworks for their use remain fragmented. Different regions and cities have varying rules regarding the legality of electric scooters, where they can be ridden, and how they should be parked. The lack of standardized regulations can lead to confusion and inconsistency, which may deter investment and slow down the market's growth.

Safety Concerns: Safety remains a key concern in the micro-mobility market. Accidents involving electric scooters and bikes, whether caused by collisions, falls, or malfunctioning vehicles, can discourage potential users. While improvements in design and safety features have been made, public perception about the safety of these vehicles continues to be a challenge.

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Yellow Scooters (US) Bird Rides Inc. (US) Lime Scooter (US) Micro Mobility Systems AG (Switzerland) ofo Inc. (China) Mobike (China) Motivate (Lyft) (US) Pride Mobility Products Corp. (US) EV RIDER LLC (US) Golden Technologies (US) Merits Co. Ltd (Taiwan)

Invacare Corporation (US)

Segway, Inc. (US)
Ninebot Limited (China)
Lime Electric Bikes and Scooters (US)
Scoot Networks (US)
Uber Technologies Inc. (US)
Lyft Inc. (US)
TIER Mobility GmbH (Germany)
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Commercial
Private
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Bicycles
Shared bicycles
Electric Scooters
Electric skateboards
Weight capacity
Up to 100 kg
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Above 250 kg
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State and national authority
Micro mobility services
Investors /shareholders
Research organizations
Government associations
North America
US
Canada
Europe
Germany
France
UK
Italy
Spain
Rest of Europe
Asia-Pacific
China
Japan
India
Australia
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Rest of Asia-Pacific
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The micro-mobility market exhibits varying dynamics across different regions due to differences in infrastructure, consumer behavior, and regulatory environments. Below is a breakdown of how the market is evolving in major regions:
North America: North America, particularly the United States, is one of the largest markets for micro-mobility. The rise of shared scooter and bike rental services in cities like San Francisco, New York, and Los Angeles has contributed significantly to the market's expansion. The region's focus on sustainability and reducing traffic congestion has fueled the growth of micro-mobility solutions. However, regulatory hurdles and safety concerns remain significant challenges. Companies are working closely with local governments to address these issues by introducing new technologies and solutions.
Europe: Europe has emerged as a leading market for micro-mobility, with cities like Paris, Berlin, and Amsterdam at the forefront of adoption. The European Union has been proactive in promoting sustainable transportation solutions, and several cities have implemented policies and infrastructure to support micro-mobility. Countries like the Netherlands, where cycling culture is deeply ingrained, have witnessed high adoption rates of electric bikes and scooters. However, similar to North America, regulatory complexities and safety concerns continue to be points of contention.

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Market Research Future Market Research Future +1 855-661-4441 email us here

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