

# **Japan Two-Wheeler Market Segmented By Vehicle Type (Scooter/Moped, Motorcycle), By Propulsion Type (ICE and Electric), By Regional, Competition, Forecast & Opportunities, 2028**

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## **Abstracts**

The Japanese two-wheeler market serves as a testament to the nation's engineering excellence, technological innovation, and cultural affinity for efficient and convenient transportation solutions. Encompassing a diverse range of motorcycles, scooters, mopeds, and electric bikes, this market embodies the harmonious fusion of tradition and modernity that defines Japan. Motorcycles hold a substantial presence within the Japanese market, offering an extensive selection catering to various segments. From high-performance sport bikes to comfortable cruisers and versatile adventure motorcycles, Japanese manufacturers have established themselves as leaders in the global motorcycle industry. These motorcycles often integrate state-of-the-art technology, advanced engineering, and meticulous attention to detail. Scooters and mopeds also play a crucial role in Japan's urban mobility landscape, offering compact dimensions, fuel efficiency, and maneuverability that suit navigating the densely populated city streets. Scooters, particularly those featuring automatic transmissions, are favored for short commutes and errands, providing convenience for riders of all age groups. Moreover, Japan's commitment to sustainable transportation is evidenced by the increasing popularity of electric bikes and motorcycles. Electric vehicles, including two-wheelers, are embraced for their reduced environmental impact, noiseless operation, and efficient energy utilization. As the global momentum toward eco-friendly alternatives gathers pace, Japanese manufacturers are responding by introducing electric models that cater to both urban commuters and enthusiasts.

## **Key Market Drivers**

## Technological Innovation

Japan's advanced technological capabilities constitute a significant driving force in the two-wheeler market. Japanese manufacturers are leaders in innovation, continually introducing cutting-edge technology, engineering solutions, and design aesthetics to motorcycles, scooters, and electric bikes. This commitment to innovation not only attracts domestic consumers but also positions Japanese two-wheelers as global leaders in terms of quality and performance.

## Efficiency and Environmental Concerns

Japan's emphasis on efficiency and environmental sustainability plays a pivotal role in the two-wheeler market. The nation's focus on reducing carbon emissions and promoting environmentally friendly transportation aligns seamlessly with the inherent advantages of motorcycles, scooters, and electric bikes. These vehicles offer enhanced fuel efficiency, reduced emissions, and a smaller environmental footprint compared to larger vehicles, making them a pragmatic choice for both urban and rural settings.

## Urban Mobility Solutions

The dense urban areas in Japan necessitate efficient and nimble modes of transportation. Motorcycles and scooters excel in providing swift, convenient, and flexible mobility solutions within crowded cities. They empower riders to navigate through traffic congestion, access tight spaces, and easily find parking in urban environments where parking can be a challenge.

## Electric Mobility Trend

The global surge in electric mobility is mirrored in Japan's two-wheeler market. Electric bikes and motorcycles are gaining traction due to their quiet operation, reduced emissions, and lower operating costs. The Japanese government's push for sustainable transportation, combined with technological advancements, has resulted in the development of electric two-wheelers that cater to environmentally conscious consumers.

## Government Incentives and Regulations

The Japanese government significantly influences the shape of the two-wheeler market through incentives and regulations. Incentives for electric vehicles, such as tax breaks

and subsidies, motivate consumers to opt for electric bikes and motorcycles. Furthermore, the government's stringent safety regulations and standards ensure that vehicles available in the market adhere to high safety requirements, enhancing consumer confidence.

### Cultural Significance

Motorcycles and two-wheelers hold cultural significance in Japan, symbolizing individuality, adventure, and freedom. This cultural connection to riding contributes to the market's vibrancy and draws a diverse range of riders, spanning from enthusiasts to daily commuters.

### Safety and Technology Integration

Safety takes precedence in the Japanese two-wheeler market. Manufacturers incorporate advanced safety features, such as anti-lock braking systems (ABS) and traction control, to augment rider protection. The integration of technology also includes smart connectivity features, enriching the overall riding experience and attracting tech-savvy consumers.

### Key Market Challenges

#### Aging Population and Demographics

Japan's shifting demographics, characterized by an aging population, declining birth rates, and a higher percentage of elderly citizens, present challenges for the two-wheeler market. Older individuals might be less inclined to engage in motorcycle or scooter riding due to physical limitations or safety apprehensions. Manufacturers need to address this demographic shift by designing vehicles tailored to the requirements of older riders, incorporating features that enhance comfort, stability, and ease of use.

#### Urban Space Constraints

While motorcycles and scooters are well-suited for urban mobility, the densely populated Japanese cities often confront limited parking and storage space. Locating appropriate parking spaces for two-wheelers can pose a challenge, resulting in congestion and accessibility issues. Solutions such as dedicated parking zones, efficient parking facilities, and innovative storage solutions are imperative to accommodate the growing number of riders.

## Safety Concerns

Ensuring the safety of motorcycle and scooter riders stands as a significant challenge. Japan's narrow and crowded roads, coupled with a mix of vehicles and pedestrians, generate potential safety hazards for motorcyclists. Stricter enforcement of traffic regulations, education for riders on safe practices, and continuous enhancements of road infrastructure are critical for boosting safety and decreasing accidents.

## Environmental Regulations

While electric two-wheelers are gaining ground, there could be challenges in complying with stringent emissions and environmental regulations. As governments worldwide institute stricter emission standards, manufacturers need to guarantee that their internal combustion engine (ICE) models adhere to these regulations or pivot their focus toward electric alternatives. Striking a balance between emission reduction and sustaining vehicle performance presents a challenge for the industry.

## Competition from Other Modes of Transport

Japan boasts an effective and well-connected public transportation system, encompassing trains and buses, which can compete with motorcycles and scooters in terms of convenience, speed, and cost-effectiveness. Advocating the benefits of two-wheelers as a complementary or superior transportation mode, especially in terms of maneuverability and accessibility, demands strategic marketing endeavors.

## High Licensing Costs and Regulations

Acquiring a motorcycle license in Japan can entail relatively high costs, encompassing training fees and examination expenses. These costs might dissuade potential riders, particularly young individuals entering the workforce. Streamlining the licensing procedure, reducing fees, and offering incentives for new riders can help mitigate this challenge.

## Changing Consumer Preferences

As preferences pivot toward more versatile and connected transportation alternatives, such as electric cars and ride-sharing, there could be a shift in consumer interest away from traditional motorcycles and scooters. Manufacturers need to adapt by introducing

innovative features, technology integration, and value propositions that resonate with contemporary consumers.

## Key Market Trends

### Electric Mobility Revolution

The trend toward electric mobility is prominent in the Japanese two-wheeler market. Electric bikes and motorcycles are gaining traction due to their environmental advantages, reduced operational costs, and noiseless performance. Manufacturers are investing in developing electric models that offer impressive range, rapid charging capabilities, and innovative features. Government incentives and heightened environmental consciousness are propelling the adoption of electric two-wheelers, positioning them as a viable and sustainable transportation choice.

### Connected Technology Integration

Connected technology is increasingly becoming an integral part of two-wheelers in Japan. Smart features such as GPS navigation, smartphone connectivity, app-based controls, and digital displays are elevating the riding experience. Connectivity not only provides convenience but also enhances safety by enabling features like real-time traffic updates and emergency assistance.

### Advanced Safety Systems

Safety remains a paramount concern, leading to the integration of advanced safety systems in two-wheelers. Anti-lock braking systems (ABS), traction control, collision avoidance, and adaptive cruise control are becoming standard or optional features. These systems enhance rider protection, mitigate accidents, and cater to safety-conscious consumers.

### Rise of Urban Mobility Solutions

Urbanization and traffic congestion are fueling the demand for efficient urban mobility solutions. Small-displacement motorcycles, scooters, and mopeds are well-suited for navigating congested city streets and addressing last-mile transportation needs. Manufacturers are designing models with compact dimensions, enhanced fuel efficiency, and user-friendly features tailored for urban commuters.

## Customization and Personalization

Customization and personalization are gaining traction in the two-wheeler market. Riders are seeking unique and personalized aesthetics, performance enhancements, and accessory options. Manufacturers and aftermarket companies are responding by offering a variety of customization kits, enabling riders to tailor their vehicles to their preferences.

## Shift to Premium and Niche Segments

Japanese manufacturers are exploring premium and niche segments to cater to enthusiasts and riders seeking specialized experiences. Adventure motorcycles, retro-styled bikes, and cafe racers are examples of segments gaining attention. These models often blend modern technology with nostalgic aesthetics, appealing to a broader spectrum of consumers.

## Evolving Urban Infrastructure

Urban planning in Japan is evolving to accommodate diverse transportation modes. Dedicated lanes, parking facilities, and charging stations for electric two-wheelers are being integrated into city infrastructure. This infrastructure development encourages the use of motorcycles and scooters as viable and sustainable options for urban transportation.

## Segmental Insights

### Vehicle Type Insights

In Japan, motorcycles generally maintain a larger share of the two-wheeler market in comparison to scooters. This is primarily attributed to the nation's robust biking culture and the presence of globally renowned motorcycle manufacturers such as Honda, Yamaha, Suzuki, and Kawasaki, fostering a thriving domestic market. The broader range of motorcycles available, spanning from sport bikes to cruisers, appeals to a diverse spectrum of consumers, including both daily commuters and recreational riders. Moreover, the advanced infrastructure and legal framework in Japan support the utilization of motorcycles for a variety of purposes, solidifying their popularity within the two-wheeler market.

### Fuel Type Insights

Regarding fuel type, the Japanese two-wheeler market is observing a gradual shift toward more sustainable and environmentally friendly alternatives. Gasoline-powered two-wheelers remain predominant, but electric motorcycles and scooters are gaining ground due to growing environmental awareness and stricter emission regulations. Major manufacturers are investing in electric two-wheeler technologies, with models like the Honda PCX Electric and Yamaha EC-05 exemplifying this trend. A niche market also exists for hybrid two-wheelers, combining traditional and electric power for enhanced fuel efficiency and reduced environmental impact. Despite these developments, alternative fuel two-wheelers, such as those powered by biofuel or hydrogen, remain largely untapped, offering potential growth opportunities for the future.

## Regional Insights

The Chubu region of Japan is recognized for having one of the most substantial shares of the two-wheeler market in the country. Several factors contribute to Chubu's prominence in the Japanese two-wheeler market. Situated in the central part of Honshu, Chubu serves as a hub of economic activity, technological innovation, and manufacturing prowess. The region encompasses major cities like Nagoya and Toyota, renowned for their industrial and automotive significance. This manufacturing excellence extends to motorcycles and scooters, fostering a supportive environment for a diverse array of two-wheelers.

The high population density and urbanization of Chubu's cities create a demand for efficient and agile transportation modes. Motorcycles and scooters offer practical solutions for navigating through traffic congestion and securing parking in densely populated urban areas. The convenience and accessibility of these vehicles for urban mobility contribute to their popularity.

Chubu's well-developed transportation infrastructure, encompassing extensive road networks and public transit systems, further bolsters the utilization of motorcycles and scooters. The region's accessibility and connectivity render two-wheelers viable options for both short commutes and longer-distance travel.

The presence of motorcycle and scooter enthusiasts in Chubu also contributes to the region's robust market share. Community engagement, clubs, events, and gatherings dedicated to motorcycling cultivate a vibrant riding culture. This enthusiasm fuels demand for various motorcycle types, from sport bikes to cruisers, thereby contributing to the overall market size.



## Key Market Players

Honda Motor Co., Ltd.

Yamaha Motor Co., Ltd.

Suzuki Motor Corporation

Kawasaki Heavy Industries, Ltd.

Kymco Japan Inc.

Harley-Davidson Japan K.K.

Piaggio Group

KTM AG

## Report Scope:

In this report, the Japan Two-Wheeler market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Japan Two-Wheeler Market, By Vehicle Type:

Scooter/Moped

Motorcycle

### Japan Two-Wheeler Market, By Propulsion Type:

ICE

Electric

### Japan Two-Wheeler Market, By Region:



Hokkaido & Tohoku

Chubu

Chugoku

Kyushu

Rest of Japan

### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Japan Two-Wheeler Market.

### Available Customizations:

Japan Two-Wheeler market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

### Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

- 1. Introduction
  - 1.1. Product Overview
  - 1.2. Key Highlights of the Report
  - 1.3. Market Coverage
  - 1.4. Market Segments Covered
  - 1.5. Research Tenure Considered

## 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

## 3. EXECUTIVE SUMMARY

- 3.1. Market Overview
- 3.2. Market Forecast
- 3.3. Key Regions
- 3.4. Key Segments

## 4. IMPACT OF COVID-19 ON JAPAN TWO-WHEELER MARKET

- 4.1. Key Segments Impacted
- 4.2. Key Regions Impacted

## 5. VOICE OF CUSTOMERS ANALYSIS

- 5.1. Brand Awareness
- 5.2. Factors Influencing Purchase Decision
- 5.3. Challenges/Unmet Needs

## 6. JAPAN TWO-WHEELER MARKET OUTLOOK

## 6.1. Market Size & Forecast

### 6.1.1. By Value & Volume

## 6.2. Market Share & Forecast

### 6.2.1. By Vehicle Type Market Share Analysis (Scooter/Moped, Motorcycle)

### 6.2.2. By Propulsion Type Market Share Analysis (ICE and Electric)

### 6.2.3. By Regional Market Share Analysis

#### 6.2.3.1. Hokkaido & Tohoku Market Share Analysis

#### 6.2.3.2. Chubu Market Share Analysis

#### 6.2.3.3. Chugoku Market Share Analysis

#### 6.2.3.4. Kyushu Market Share Analysis

#### 6.2.3.5. Rest of Japan Market Share Analysis

### 6.2.4. By Company Market Share Analysis (Top 5 Companies, Others - By Value, 2022)

## 6.3. Japan Two-Wheeler Market Mapping & Opportunity Assessment

### 6.3.1. By Vehicle Type Market Mapping & Opportunity Assessment

### 6.3.2. By Propulsion Type Market Mapping & Opportunity Assessment

### 6.3.3. By Regional Market Mapping & Opportunity Assessment

## 7. JAPAN ICE TWO-WHEELER MARKET OUTLOOK

## 7.1. Market Size & Forecast

### 7.1.1. By Value & Volume

## 7.2. Market Share & Forecast

### 7.2.1. By Vehicle Type Market Share Analysis (Scooter/Moped, Motorcycle)

### 7.2.2. By Engine Capacity Market Share Analysis (Up to 125 cc, 126-250 cc, & Above 250 cc)

## 8. JAPAN ICE MOTORCYCLE MARKET OUTLOOK

## 8.1. Market Size & Forecast

### 8.1.1. By Value & Volume

## 8.2. Market Share & Forecast

### 8.2.1. By Engine Capacity Market Share Analysis (Up to 125 cc, 126-250 cc, & Above 250 cc)

## 8.3. Product Benchmarking

## 9. JAPAN ICE SCOOTER/MOPED MARKET OUTLOOK

## 9.1. Market Size & Forecast

- 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
  - 9.2.1. By Engine Capacity Market Share Analysis (Up to 125 cc, 126-250 cc, & Above 250 cc)
- 9.3. Product Benchmarking

## **10. JAPAN ELECTRIC TWO-WHEELER MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
  - 10.2.1. By Vehicle Type Market Share Analysis (Motorcycle, Scooter/Moped)
  - 10.2.2. By Battery Capacity Market Share Analysis (\$\$\$25Ah, \$\$\$25Ah)
  - 10.2.3. By Battery Type Market Share Analysis (Lead Acid, Lithium Ion)
- 10.3. Product Benchmarking

## **11. SWOT ANALYSIS**

- 11.1. Strength
- 11.2. Weakness
- 11.3. Opportunities
- 11.4. Threats

## **12. MARKET DYNAMICS**

- 12.1. Market Drivers
- 12.2. Market Challenges

## **13. MARKET TRENDS AND DEVELOPMENTS**

## **14. PORTER'S FIVE FORCES MODEL**

- 14.1. Competitive Rivalry
- 14.2. Bargaining Powers of Suppliers
- 14.3. Bargaining Powers of Buyers
- 14.4. Threat of New Entrants
- 14.5. Threat of Substitutes

## **15. POLICY & REGULATORY LANDSCAPE**

## **16. JAPAN ECONOMIC PROFILE**

## **17. COMPETITIVE LANDSCAPE**

### **17.1. Company Profiles (Up to 10 Major Companies)**

#### **17.1.1. Honda Motor Co., Ltd.**

##### **17.1.1.1. Company Details**

##### **17.1.1.2. Key Products Offered**

##### **17.1.1.3. Recent Developments**

##### **17.1.1.4. Key Management Personnel**

#### **17.1.2. Yamaha Motor Co., Ltd.**

##### **17.1.2.1. Company Details**

##### **17.1.2.2. Key Products Offered**

##### **17.1.2.3. Recent Developments**

##### **17.1.2.4. Key Management Personnel**

#### **17.1.3. Suzuki Motor Corporation**

##### **17.1.3.1. Company Details**

##### **17.1.3.2. Key Products Offered**

##### **17.1.3.3. Recent Developments**

##### **17.1.3.4. Key Management Personnel**

#### **17.1.4. Kawasaki Heavy Industries, Ltd.**

##### **17.1.4.1. Company Details**

##### **17.1.4.2. Key Products Offered**

##### **17.1.4.3. Recent Developments**

##### **17.1.4.4. Key Management Personnel**

#### **17.1.5. Kymco Japan Inc.**

##### **17.1.5.1. Company Details**

##### **17.1.5.2. Key Products Offered**

##### **17.1.5.3. Recent Developments**

##### **17.1.5.4. Key Management Personnel**

#### **17.1.6. Harley-Davidson Japan K.K.**

##### **17.1.6.1. Company Details**

##### **17.1.6.2. Key Products Offered**

##### **17.1.6.3. Recent Developments**

##### **17.1.6.4. Key Management Personnel**

#### 17.1.7. Piaggio Group

##### 17.1.7.1. Company Details

##### 17.1.7.2. Key Products Offered

##### 17.1.7.3. Recent Developments

##### 17.1.7.4. Key Management Personnel

#### 17.1.8. KTM AG

##### 17.1.8.1. Company Details

##### 17.1.8.2. Key Products Offered

##### 17.1.8.3. Recent Developments

##### 17.1.8.4. Key Management Personnel

## 18. STRATEGIC RECOMMENDATIONS

### 18.1. Key Focus Areas

#### 18.1.1. Target Regions

#### 18.1.2. Target Vehicle Type

## 19. ABOUT US & DISCLAIMER

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