

# **GCC Heavy Commercial Vehicle Market By End-User Industry (Logistics and Transportation, Construction and Infrastructure, Oil and Gas, Public Transport and Tourism, Mining and Heavy Industry, Government and Defense), By Class Type (Class 7, Class 8), By Propulsion Type (Diesel, CNG, Electric, Alternate Fuel), By Country, Competition, Forecast & Opportunities, 2020-2030F**

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## **Abstracts**

The GCC Heavy Commercial Vehicle market was valued at USD 17.17 Billion in 2024 and is expected to reach USD 23.49 Billion by 2030 with a CAGR of 5.36% during the forecast period. The GCC heavy commercial vehicle market is experiencing significant growth, driven by the ongoing infrastructure development and industrial expansion across the region. The demand for vehicles in logistics, construction, and public transportation continues to rise, fueled by large-scale projects and increasing urbanization. The growing focus on improving transportation efficiency, along with an expanding network of roads, railways, and airports, is creating opportunities for fleet operators to invest in more advanced and sustainable vehicles. The heavy commercial vehicle sector, including trucks, buses, and specialized vehicles, is integral to meeting the logistical needs of industries such as oil and gas, mining, retail, and construction. As these sectors flourish, the demand for high-performance and cost-efficient vehicles increases, providing a foundation for market growth.

In terms of trends, there is a clear shift towards the adoption of alternative fuels and eco-friendly technologies within the GCC's heavy commercial vehicle market. The region is moving toward reducing carbon emissions, with increasing investments in electric and

hybrid vehicles, especially for public transport and urban logistics. Electric buses, for example, are gaining traction in cities where sustainable solutions are being prioritized. There is also growing interest in fuel-efficient technologies, including the adoption of compressed natural gas (CNG) and liquefied natural gas (LNG), which offer lower operational costs and reduced environmental impact compared to traditional diesel engines. With the region focusing on long-term sustainability goals and cleaner transportation options, these innovations are expected to shape the market's future.

Despite the promising growth trajectory, there are several challenges facing the GCC heavy commercial vehicle market. One of the primary hurdles is the high cost of acquisition and maintenance of advanced vehicles, particularly those incorporating electric and hybrid technologies. While these vehicles contribute to sustainability, their initial cost remains a significant barrier for fleet operators, especially in the logistics and public transportation sectors. Another challenge is the lack of comprehensive infrastructure for supporting electric vehicle adoption, including charging stations and service networks, which could slow the transition to greener technologies. Additionally, the reliance on traditional diesel-powered vehicles and the associated environmental concerns present a challenge to meeting the region's long-term sustainability targets. Addressing these obstacles will require strategic investments, government incentives, and the development of supportive infrastructure to ensure the continued growth of the heavy commercial vehicle market.

## Market Drivers

### Infrastructure Development

Ongoing infrastructure expansion is one of the primary drivers behind the growth of the heavy commercial vehicle market. The construction of highways, roads, ports, and airports not only boosts the transportation networks but also lays the foundation for greater demand for commercial vehicles like trucks and buses. As urbanization accelerates, cities require more robust infrastructure, resulting in increased use of vehicles in construction, logistics, and transportation sectors. In particular, large-scale construction projects, such as residential complexes, bridges, and industrial parks, demand heavy-duty vehicles for the delivery of construction materials. The rise in government investment in infrastructure projects such as highways and bridges ensures that the demand for commercial vehicles is consistent. Furthermore, freight corridors, transport hubs, and distribution centers are crucial to ensuring smooth operations within the logistics industry, all of which demand specialized commercial vehicles. With future infrastructure projects aiming for even more modernized and sustainable urban

planning, the market for these vehicles is expected to expand even further. For instance, the GCC countries are increasingly leveraging foreign direct investment (FDI) to boost regional confidence, particularly in the infrastructure sector. With investments projected to reach USD 175 billion by 2024, around 15% of these funds will be directed toward clean energy projects, signaling a significant shift toward sustainable development. This growing interest in infrastructure projects across the region is reflected in the rising demand for heavy commercial vehicles, with countries like Saudi Arabia and the UAE seeing substantial growth in urban development, transportation, and renewable energy projects.

## Key Market Challenges

### High Initial Cost and Maintenance Expenses

Heavy commercial vehicles, particularly those equipped with advanced technologies like electric and hybrid engines, come with high initial acquisition costs. This factor is a significant barrier for fleet operators, especially smaller businesses that may lack the financial resources to invest in these vehicles. In addition to the high upfront cost, the maintenance and repair of newer vehicle technologies, such as electric powertrains, can be expensive due to the specialized parts and skilled labor required. As fleets grow, the ongoing operational costs—such as fuel, parts replacement, and repairs—add up, creating a burden on fleet managers. While electric vehicles may reduce fuel costs in the long term, the lack of familiarity with electric vehicle maintenance can increase operational risks and uncertainties for fleet operators. These costs can deter fleet owners from transitioning to newer, greener vehicles and may slow market adoption, especially in regions where profit margins are tighter. To overcome this challenge, governments and industry players will need to offer incentives and financial support to ease the transition to greener commercial vehicles.

## Key Market Trends

### Adoption of Electric and Hybrid Vehicles

There is an increasing shift toward electric and hybrid vehicles within the heavy commercial vehicle market, driven by sustainability concerns and government regulations. The growth in electric vehicle adoption is seen most clearly in urban transport sectors such as buses and waste collection vehicles, where air quality concerns are paramount. Many governments are offering incentives to encourage fleet owners to transition to electric and hybrid vehicles. These vehicles help reduce carbon

emissions and provide long-term savings on fuel and maintenance. Hybrid vehicles, which combine the benefits of both electric and internal combustion engines, are especially popular in regions with limited charging infrastructure. Hybrid technology allows commercial vehicles to reduce fuel consumption and emissions without requiring full reliance on charging stations. As battery technology improves, electric trucks are expected to become more viable for long-haul transportation, further accelerating the trend toward sustainable vehicles in the commercial fleet market.

### Key Market Players

Toyota Motors Corporation

Mitsubishi Fuso Truck and Bus Corporation

ISUZU Motors Middle East FZE

Hyundai Motor Company

MAN Truck and Bus Middle East FZE

Volvo Group Middle East FZE

Mercedes-Benz KSA

Tata Motors Limited

Ford Motor Company

Ashok Leyland Limited

### Report Scope:

In this report, the GCC Heavy Commercial Vehicle Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

GCC Heavy Commercial Vehicle Market, By End-User Industry:

Logistics and Transportation

Construction and Infrastructure

Oil and Gas

Public Transport and Tourism

Mining and Heavy Industry

Government and Defense

GCC Heavy Commercial Vehicle Market, By Class Type:

Class 7

Class 8

GCC Heavy Commercial Vehicle Market, By Propulsion Type:

Diesel

CNG

Electric

Alternate Fuel

GCC Heavy Commercial Vehicle Market, By Country:

UAE

Saudi Arabia

Qatar

Oman

Kuwait

## Bahrain

### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the GCC Heavy Commercial Vehicle Market.

### Available Customizations:

GCC Heavy Commercial Vehicle Market report with the given market data, TechSci 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).

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