

# Middle East And Africa Commercial Aircraft Aviation Fuel - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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## Abstracts

The Middle-East And Africa Commercial Aircraft Aviation Fuel Market size is estimated at 30.56 Billion metric tons in 2024, and is expected to reach 40.52 Billion metric tons by 2029, growing at a CAGR of greater than 5.80% during the forecast period (2024-2029).

### Key Highlights

Over the medium term, the increasing airline fleets coupled with economic development in the region are expected to drive the market during the forecasted period.

On the other hand, global oil price volatility is expected to hinder the market's growth during the forecasted period.

Nevertheless, the introduction of sustainable aviation fuels like biofuels is expected to create huge opportunities for the Middle-East and African commercial aircraft aviation fuel markets.

Saudi Arabia is expected to be a dominant region for the market due to the country's increasing economic development and increasing tourism.

### MEA Commercial Aircraft Aviation Fuel Market Trends

#### Aviation Biofuel to Witness Significant Growth

Middle-East and Africa's recognition of the imperative to align aviation operations with global sustainability goals converge seamlessly with the potential of aviation biofuel to

mitigate the environmental impact of air travel. The inherent capacity of biofuels to reduce greenhouse gas emissions as compared to conventional aviation fuels resonates resoundingly with the region's growing commitment to environmental stewardship.

Moreover, the region's abundant biomass resources offer a strategic advantage. The Middle East's potential to leverage locally available feedstock for biofuel production, such as agriculture waste and algae, aligns with efforts to establish sustainable supply chains and reduce dependence on fossil fuels. This intrinsic alignment between regional resources and aviation fuel production promotes the viability of biofuels for aviation purposes as a locally sourced and renewable energy solution.

For instance, according to the Energy Institute Statistical Review Of World Energy 2023, biofuel consumption in the region increased by 9.3% between 2021 and 2022, while an annual average growth rate of 11.3% was recorded between 2012 and 2022. This signifies an increase in the consumption of biofuels in the region, which can be extrapolated to the increasing use of biofuels in the aviation industry.

Furthermore, global partnerships and research initiatives propel aviation biofuel's prominence. Collaborations between airlines, governments, and biofuel producers amplify the momentum towards biofuel adoption, promoting research, technological innovation, and production scale-up. Establishing sustainable aviation fuel standards and certification further bolsters confidence in biofuels' viability as a mainstream aviation fuel.

For instance, in November 2022, Etihad, a significant global airline company, announced a partnership with Cepsa. Both companies will accelerate the research activities for aviation biofuels. The companies aim to produce 800,000 tons of aviation biofuels by the end of 2030 to meet their sustainability goals.

Therefore, as discussed above, the demand for aviation biofuels is expected to increase during the forecasted period.

## Saudi Arabia to Dominate the Market

The nation's central positioning as a transit point for international flights and its expanding network of world-class airports bolster its significance in the aviation

ecosystem. This strategic vantage point elevates Saudi Arabia's role as a crucial hub for aviation fuel distribution catering to domestic and International Airlines.

Foremost among these factors is Saudi Arabia's strategic geographical location and role as a global aviation hub. The nation's central positioning as a transit point for international flights and its expanding network of world-class airports bolster its significance in the aviation ecosystem. This strategic vantage point elevates Saudi Arabia's role as a critical hub for aviation fuel distribution catering to domestic and International Airlines.

According to the General Authority for Statistics (GASTAT), the number of passengers in 2022 was almost 88 million, an increase of 82% over 2021. The average daily flights arriving and departing at international airports for international and domestic flights in 2022 was 131.29, and the average daily flights arriving and departing at domestic airports was 5.94.

Moreover, Saudi Arabia's visionary commitment to diversifying its energy landscape aligns seamlessly with the potential of aviation biofuel. The nation's vast land resources and ongoing investments in renewable energy offer a conducive environment for biofuel feedstock production. This alignment proposes the viability of sustainable aviation fuel production, positioning Saudi Arabia as a potential epicenter for biofuel supply in the region.

Furthermore, the Saudi Arabian government's dedication to transformative economic initiatives such as Vision 2030 amplifies the nation's prominence as it strives to enhance its global standing and establish our knowledge-based economy. The integration of cutting-edge aviation field solutions aligns with the innovative-driven aspirations of Vision 2030.

For instance, under Vision 2030, the country has decided to expand its sports infrastructure, especially football, with the backing of government money resources. The Saudi Arabian league has attracted most international football icons to play in their country. The increase in high-net-worth individuals is consequently expected to drive airplane traffic in the country, which is further expected to drive the demand for aviation fuel in the region.

Therefore, as mentioned above, Saudi Arabia is expected to dominate the market during the forecasted period.

## MEA Commercial Aircraft Aviation Fuel Industry Overview

The Middle-East and African commercial aircraft aviation fuel market is moderately fragmented. Some of the major companies (in no particular order) include Emirates National Oil Company, Chevron Corporation, Shell PLC, TotalEnergies SE, and Abu Dhabi National Oil Company.

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