

Aviation Fuel Market Report – Global Industry Share & Future Demand 2025 | DataM Intelligence

The Global Aviation Fuel Market is expected to reach at a CAGR of 13.9% during the forecast period 2024-2031.

AUSTIN, TX, UNITED STATES, July 16, 2025 /EINPresswire.com/ -- The Global [Aviation Fuel Market](#) reached US\$ 211.5 billion in 2023 and is predicted to reach US\$ 599.1 million by 2031, rising at a CAGR of 13.9% from 2024 to 2031.

Market Overview:

The Aviation Fuel Market plays a vital role in global mobility, connecting economies and fostering international trade. The market encompasses traditional jet fuels and emerging sustainable aviation fuels, supporting the aviation industry's commitment to carbon reduction and greener operations. Industry growth is fueled by a combination of technological innovation, policy support, and rising demand for air travel.



The Aviation Fuel Market soars on rising air traffic, biofuel adoption, and global trade growth—powering the future of sustainable flight.”

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Market Drivers & Opportunities:

Key market drivers include:

Rising air passenger and cargo traffic across emerging and developed regions.

Increased investment in sustainable aviation fuels (SAF) to meet net-zero targets and reduce



aviation's carbon footprint.

Technological advances in fuel economy and alternate fuel production.

Opportunities also develop as a result of increased cooperation between fuel companies and airlines, as well as government incentives to promote SAF adoption.

Market Segmentation:

By Fuel:

Conventional Fuel

Sustainable Fuel.

By Aircraft:

Commercial Aircraft

Private Aircraft

Military Aircraft.

By Region:

North America

Europe

South America

Asia Pacific

Middle East

Africa.

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Market Geographical Share:

North America has a sizable market share, which is driven by increasing domestic air transport demand and SAF development projects. Europe is actively growing its SAF production capacity to fulfill regulatory requirements. Meanwhile, the Asia-Pacific area, dominated by China, India, and Japan, is expanding rapidly because to increased passenger traffic and infrastructure upgrading.

Market Key Players:

Key players shaping the aviation fuel landscape include:

Atmosfair

Shell Aviation

World Energy
Neste
Gevo, Inc
Honeywell International
Johnson Matthey
Exxon Mobil Corporation
Chevron Corporation
BP PLC.

These players are increasingly investing in sustainable fuel technologies and global supply chains to address evolving market demands.

Recent Developments:

United States

2025: A major US airline signs a groundbreaking arrangement with a domestic biofuel producer to supply over 100 million gallons of SAF each year, aiming to reduce lifecycle emissions by up to 80%.

2024: A leading U.S. energy company inaugurated a new SAF production facility in Texas, boosting annual production capacity and strengthening domestic supply resilience.

Japan

2025: Japan's largest airline announced successful completion of a transpacific test flight powered entirely by domestically produced SAF, marking a milestone in sustainable aviation.

2024: A Japanese consortium launched a new SAF plant using advanced biomass technology, targeting commercial supply for domestic and regional flights.

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Conclusion:

With air travel demand rebounding and sustainability taking center stage, the global aviation fuel market is set to grow steadily over the coming years. Strategic investments in SAF, strong policy frameworks, and collaborations among fuel producers, airlines, and governments will further drive the industry toward a cleaner and more resilient future.

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