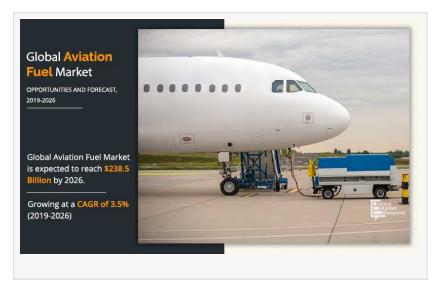


## Aviation Fuel Market to Hit \$238.5 Billion by 2026, Driven by Global Air Travel Surge

Aviation fuel market to soar to \$238.5 Bn by 2026  $\square\square$ , fueled by air travel demand, SAF innovation, and rising cargo operations.  $\square\square$ 

WILMINGTON, DE, UNITED STATES, June 30, 2025 /EINPresswire.com/ --

According to a recent report by Allied Market Research, the <u>aviation fuel</u> <u>market</u> size was valued at \$179.2 billion in 2018 and is projected to reach \$238.5 billion by 2026, growing at a



CAGR of 3.5% from 2019 to 2026. This steady growth is primarily driven by rising global air travel, military fuel demand, and a surge in e-commerce cargo flights.  $\Box\Box$ 

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Global Aviation fuel market to soar to \$238.5 Billion by 2026 \$\square\$0\$, fueled by air travel demand, SAF innovation, and rising cargo operations. \$\square\$0\$

Allied Market Research

☐ What Is Aviation Fuel?

Aviation fuel is a specialized type of petroleum-based fuel designed for aircraft. Compared to other transportation fuels, it boasts higher energy density and advanced additives that reduce the risk of icing, explosion, or engine wear under extreme conditions. It plays a pivotal role in powering both commercial and military aircraft, including jets, helicopters, and small planes.

☐ Regional Outlook: India & Asia-Pacific to Lead Growth

☐ India is projected to grow at the highest CAGR of 4.6%
□□ U.S. and India held over 4% market share each in 2018
☐ Key Market Drivers
1. 🛘 Air Travel Boom
As disposable incomes rise and global tourism rebounds, more people are choosing air travel, leading to an increase in <u>jet fuel</u> demand.
2. 🛘 Cargo Growth
The e-commerce boom has led to a surge in air freight services, particularly in time-sensitive goods like pharmaceuticals, electronics, and perishables.
3. 🛮 Military Demand
Governments worldwide are strengthening defense capabilities, increasing the demand for military-grade aviation fuels such as JP-5 and JP-8.
4. 🛘 Infrastructure Expansion
Governments are investing in new airport construction and flight routes, creating additional fuel consumption opportunities.
□□ Challenges in the Market
Despite the growth outlook, the aviation fuel market faces challenges:
☐ Fluctuating crude oil prices impact pricing and profitability.
☐ Carbon emissions concerns have led to stricter environmental regulations.
☐ Limited availability of <u>sustainable aviation fuels</u> (SAFs) at scale.
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🛘 Sustainable Aviation Fuel (SAF): A Game-Changer
One of the most exciting trends in the aviation fuel industry is the shift towards sustainable aviation fuel (SAF). Produced from renewable feedstocks like used cooking oil, household waste,

and agricultural residues, SAFs emit significantly lower carbon emissions.

Airlines and governments are investing heavily in SAF development to meet net-zero goals. $\Box\Box\Box$
☐ Market Segmentation
☐ By Fuel Type:
Jet A & Jet A1: Most commonly used in commercial aviation.
Jet B: Used in extremely cold climates.
JP-5 & JP-8: Military-grade fuels.
Avgas: Aviation gasoline, used in smaller aircraft.
Biofuels: SAFs gaining momentum in commercial use.
☐ In 2018, Jet A1 dominated the market and is forecasted to grow at the highest CAGR during the forecast period.
☐ By Aircraft Type:
Fixed-Wing Aircraft: Dominates fuel consumption due to widespread commercial use.
Rotorcraft: Includes helicopters used in rescue, transport, and surveillance.
Others: Drones, light aircraft, etc.
□ By End-User:
Civil Aviation: Largest market share, projected to grow at 3.6% CAGR.
Military: Rising defense budgets fuel demand.
Private & Recreational: Niche segment but growing with luxury travel trends.
☐ Future Trends Shaping the Aviation Fuel Market
□ SAF Scaling
Collaborations between airlines, fuel providers, and governments are accelerating the commercial availability of SAF.

□□ Technological Innovations
R&D in fuel-efficient engines and alternative propulsion systems will reduce consumption per flight hour.
□ Carbon Offset Programs
Airlines are increasingly offering carbon offset options to customers and investing in carbon-reduction projects.
□ Industry Consolidation
Mergers and partnerships among fuel suppliers and refiners are expected to streamline supply chains and reduce operational costs.
□ Major Players in the Aviation Fuel Market
Key companies shaping the aviation fuel industry include:
BP p.l.c.
Chevron Corporation
Exxon Mobil Corporation
Indian Oil Corporation Limited
Gazprom
Royal Dutch Shell plc
Sinopec Group
Petrobras
TotalEnergies SE
Oman Oil Company SAOC
These players are focusing on refining innovations, SAF development, and geographical expansion to capture more market share. $\Box\Box\Box$
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□ Conclusion

As global aviation activity continues to expand and sustainability takes center stage, the aviation fuel market is entering a period of transformational growth. From rising air traffic to emerging fuel technologies like SAF, the industry is poised for a high-flying future. 

□□□

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Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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