

Space Tourism & Suborbital Flights Market Forecasts to 2034 - Global Analysis By Flight Type (Suborbital Flights, Orbital Tourism and Lunar & Deep Space Tourism), Vehicle Type, Service Offering, Customer Segment, Duration of Stay, Infrastructure and By Geography

<https://marketpublishers.com/r/S571DCA813A0EN.html>

Date: September 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: S571DCA813A0EN

Abstracts

According to Statistics MRC, the Global Space Tourism & Suborbital Flights Market is accounted for \$4.1 billion in 2026 and is expected to reach \$78.4 billion by 2034 growing at a CAGR of 44.8% during the forecast period. Space Tourism & Suborbital Flights comprise a developing area of commercial aerospace that enables private passengers to experience space through brief journeys above the atmosphere. Such missions generally provide moments of weightlessness, views of Earth from high altitude, and an introduction to the space environment without entering orbit. Growth in this field is being enabled by reusable spacecraft, enhanced flight technologies, stronger safety measures, and increasing private-sector investment. Rising public fascination with space, technological progress, and expanding commercial launch capabilities are supporting the development of more regular and accessible suborbital travel opportunities.

According to the Federal Aviation Administration (FAA), the United States recorded 148 licensed commercial space operations in FY 2024, representing an increase of more than 30% from the previous year. The FAA also stated that licensed commercial space operations increased by more than 900% over the decade, from 14 in FY 2015 to 148 in FY 2024.

Market Dynamics:

Driver:

Growing consumer interest and demand

Rising consumer enthusiasm for extraordinary travel experiences is significantly supporting the Space Tourism & Suborbital Flights Market. Wealthy travelers, adventure seekers, and individuals fascinated by space are showing greater interest in experiencing commercial spaceflight and short periods of microgravity. Exclusive journeys, remarkable views of Earth, and the opportunity to participate in emerging space activities are strengthening passenger demand. Greater public visibility of commercial space missions through media and successful flight demonstrations is also increasing awareness. This growing recognition is positioning suborbital travel as a premium experience while motivating providers to develop broader passenger services.

Restraint:

High cost of space tourism

Expensive flight experiences represent a major challenge for the Space Tourism & Suborbital Flights Market. Developing and operating suborbital spacecraft involves advanced technologies, dedicated launch facilities, extensive testing, regular maintenance, and strict safety requirements, which contribute to high passenger prices. Consequently, space tourism remains largely accessible to affluent customers rather than the mass market. Operators also face considerable capital requirements when developing vehicles and expanding commercial operations, creating financial constraints. Greater technological maturity, improved operational efficiency, and increased flight frequency will be necessary to lower costs and make suborbital travel more accessible.

Opportunity:

Expansion into luxury and experiential travel

The growing luxury and experiential tourism sector creates promising prospects for the Space Tourism & Suborbital Flights Market. Affluent consumers are increasingly interested in rare and memorable travel experiences, potentially increasing demand for commercial journeys into space. Industry participants can respond by offering premium travel packages supported by exclusive accommodation, customized services, and dedicated passenger preparation. Collaborations with luxury tourism companies and hospitality providers could further expand market access. As commercial space travel gains recognition as an elite lifestyle experience, operators can introduce differentiated services, attract premium customers, and build stronger positions within the emerging tourism industry.

Threat:

Spaceflight accidents and safety risks

Accidents and operational safety concerns represent a major threat to the Space Tourism & Suborbital Flights Market. Suborbital travel requires highly complex launch systems, spacecraft operations, and landing procedures, creating exposure to potential technical failures. A serious incident could undermine passenger trust, harm the reputation of service providers, and result in stricter regulatory oversight. Safety-related events could additionally raise insurance expenses and postpone scheduled flights. Because commercial space tourism relies strongly on consumer confidence, significant accidents or recurring failures could reduce demand, limit investment, and restrict the industry's broader expansion.

Covid-19 Impact:

COVID-19 created considerable challenges for the Space Tourism & Suborbital Flights Market, interrupting aerospace production, spacecraft development, testing, and launch schedules. Restrictions on movement and weakened economic conditions also reduced spending on premium recreational experiences, affecting short-term market demand. Commercial space companies experienced supply-chain constraints, workforce disruptions, and difficulties securing funding during the crisis. At the same time, the pandemic encouraged greater emphasis on technological advancement and remote operational capabilities. With restrictions gradually lifted, delayed projects restarted, investment conditions improved, and increasing interest in commercial space experiences helped the suborbital tourism sector recover.

The suborbital flights segment is expected to be the largest during the forecast period

The suborbital flights segment is expected to account for the largest market share during the forecast period, supported by their ability to deliver space experiences without the extended duration and complexity associated with orbital travel. Passengers can experience microgravity, observe Earth from high altitude, and participate in a distinctive adventure within a relatively short mission. Their operational simplicity and shorter flight profiles make them appealing to commercial operators. The segment is further strengthened by reusable vehicle technologies, developing passenger preparation systems, and growing demand for memorable short-duration space experiences among premium tourism customers.

The habitation modules & space hotels segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the habitation modules & space hotels segment is predicted to witness the highest growth rate as the industry moves toward more extended commercial space experiences. These facilities are designed to accommodate travelers

while offering leisure spaces, dining services, viewing areas, and other amenities suitable for longer stays in space. Rising interest in orbital accommodation is motivating developers to create modular habitats featuring enhanced comfort, advanced life-support systems, and adaptable configurations. Increasing private investment, technological progress, and expanding commercial space utilization are contributing to the emergence of space hotels and broader tourism opportunities.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share because of its well-developed commercial space industry and advanced aerospace infrastructure. Its position is reinforced by leading space tourism providers, established launch facilities, sophisticated spacecraft technologies, and strong private-sector funding. The United States remains the primary contributor, supported by numerous commercial launch locations and active spaceflight companies. Supportive regulations, extensive technological capabilities, and rising demand for unique space-based experiences are also encouraging market development, enabling North America to maintain its prominent position in commercial space tourism and suborbital flight services.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by technological progress, supportive space policies, and rising private investment. Nations such as China, Japan, India, South Korea, and Australia are advancing their commercial space sectors while developing capabilities and infrastructure for future tourism services. Increasing demand for exclusive travel experiences, greater investment in spacecraft and launch technologies, and expanding commercial space activities are supporting regional opportunities. New industry participants and stronger international partnerships are also expected to contribute to Asia Pacific's rapid development in space tourism.

Key players in the market

Some of the key players in Space Tourism & Suborbital Flights Market include Virgin Galactic, SpaceX, Blue Origin, Axiom Space, CAS Space, Deep Blue Aerospace, InterstellOr, Zero Gravity Corporation, Space Adventures, Space Perspective, Roscosmos, XCOR Aerospace, Benson Space Company, PD Aerospace, Space Transport Corporation, Deimos One and Space Walker.

Key Developments:

In July 2026, Blue Origin and NASA signed an agreement to use the historic Thad

Cochran Test Stand "B-Test Complex" at NASA Stennis Space Center in Mississippi for New Glenn second stage hotfire testing. This facility provides an additional testbed for validating our upper stage performance before flight. The B-Test Complex is part of Blue Origin's comprehensive infrastructure expansion to add more test stands to hotfire our second stages to deconflict LC-36 launch operations.

In February 2026, SpaceX has officially acquired xAI, Elon Musk's artificial intelligence company, marking one of the biggest private-sector mergers in modern tech history. Announced Monday, the deal brings together rockets, AI, space-based infrastructure, and social media under a single corporate roof, instantly creating what is now the most valuable private company in the world.

Flight Types Covered:

Suborbital Flights

Orbital Tourism

Lunar & Deep Space Tourism

Vehicle Types Covered:

Reusable Launch Vehicles (RLVs)

Spaceplanes

Capsules

Service Offerings Covered:

Adventure Tourism

Luxury Tourism

Research & Educational Tourism

Media & Entertainment Tourism

Customer Segments Covered:

High-Net-Worth Individuals (HNWI)

Research Institutions & Universities

Corporate Clients

Government & Defense

Duration of Stays Covered:

Short-Duration

Medium-Duration

Long-Duration

Infrastructures Covered:

Spaceports & Launch Facilities

Habitation Modules & Space Hotels

Training & Simulation Centers

Safety & Insurance Services

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

2 RESEARCH FRAMEWORK

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
 - 2.4.1 Data Collection (Primary and Secondary)
 - 2.4.2 Data Modeling and Estimation Techniques
 - 2.4.3 Data Validation and Triangulation
 - 2.4.4 Analytical and Forecasting Approach

3 MARKET DYNAMICS AND TREND ANALYSIS

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

4 COMPETITIVE AND STRATEGIC ASSESSMENT

- 4.1 Porter's Five Forces Analysis
 - 4.1.1 Supplier Bargaining Power
 - 4.1.2 Buyer Bargaining Power
 - 4.1.3 Threat of Substitutes
 - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

5 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY FLIGHT TYPE

- 5.1 Suborbital Flights
- 5.2 Orbital Tourism
- 5.3 Lunar & Deep Space Tourism

6 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY VEHICLE TYPE

- 6.1 Reusable Launch Vehicles (RLVs)
- 6.2 Spaceplanes
- 6.3 Capsules

7 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY SERVICE OFFERING

- 7.1 Adventure Tourism
- 7.2 Luxury Tourism
- 7.3 Research & Educational Tourism
- 7.4 Media & Entertainment Tourism

8 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY CUSTOMER SEGMENT

- 8.1 High-Net-Worth Individuals (HNWI)
- 8.2 Research Institutions & Universities
- 8.3 Corporate Clients
- 8.4 Government & Defense

9 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY DURATION OF STAY

- 9.1 Short-Duration
- 9.2 Medium-Duration

9.3 Long-Duration

10 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY INFRASTRUCTURE

10.1 Spaceports & Launch Facilities

10.2 Habitation Modules & Space Hotels

10.3 Training & Simulation Centers

10.4 Safety & Insurance Services

11 GLOBAL SPACE TOURISM & SUBORBITAL FLIGHTS MARKET, BY GEOGRAPHY

11.1 North America

11.1.1 United States

11.1.2 Canada

11.1.3 Mexico

11.2 Europe

11.2.1 United Kingdom

11.2.2 Germany

11.2.3 France

11.2.4 Italy

11.2.5 Spain

11.2.6 Netherlands

11.2.7 Belgium

11.2.8 Sweden

11.2.9 Switzerland

11.2.10 Poland

11.2.11 Rest of Europe

11.3 Asia Pacific

11.3.1 China

11.3.2 Japan

11.3.3 India

11.3.4 South Korea

11.3.5 Australia

11.3.6 Indonesia

11.3.7 Thailand

11.3.8 Malaysia

11.3.9 Singapore

- 11.3.10 Vietnam
- 11.3.11 Rest of Asia Pacific
- 11.4 South America
 - 11.4.1 Brazil
 - 11.4.2 Argentina
 - 11.4.3 Colombia
 - 11.4.4 Chile
 - 11.4.5 Peru
 - 11.4.6 Rest of South America
- 11.5 Rest of the World (RoW)
 - 11.5.1 Middle East
 - 11.5.1.1 Saudi Arabia
 - 11.5.1.2 United Arab Emirates
 - 11.5.1.3 Qatar
 - 11.5.1.4 Israel
 - 11.5.1.5 Rest of Middle East
 - 11.5.2 Africa
 - 11.5.2.1 South Africa
 - 11.5.2.2 Egypt
 - 11.5.2.3 Morocco
 - 11.5.2.4 Rest of Africa

12 STRATEGIC MARKET INTELLIGENCE

- 12.1 Industry Value Network and Supply Chain Assessment
- 12.2 White-Space and Opportunity Mapping
- 12.3 Product Evolution and Market Life Cycle Analysis
- 12.4 Channel, Distributor, and Go-to-Market Assessment

13 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

- 13.1 Mergers and Acquisitions
- 13.2 Partnerships, Alliances, and Joint Ventures
- 13.3 New Product Launches and Certifications
- 13.4 Capacity Expansion and Investments
- 13.5 Other Strategic Initiatives

14 COMPANY PROFILES

- 14.1 Virgin Galactic
- 14.2 SpaceX
- 14.3 Blue Origin
- 14.4 Axiom Space
- 14.5 CAS Space
- 14.6 Deep Blue Aerospace
- 14.7 InterstellOr
- 14.8 Zero Gravity Corporation
- 14.9 Space Adventures
- 14.10 Space Perspective
- 14.11 Roscosmos
- 14.12 XCOR Aerospace
- 14.13 Benson Space Company
- 14.14 PD Aerospace
- 14.15 Space Transport Corporation
- 14.16 Deimos One
- 14.17 Space Walker

List Of Tables

LIST OF TABLES

Table 1 Global Space Tourism & Suborbital Flights Market Outlook, By Region (2023-2034) (\$MN)

Table 2 Global Space Tourism & Suborbital Flights Market Outlook, By Flight Type (2023-2034) (\$MN)

Table 3 Global Space Tourism & Suborbital Flights Market Outlook, By Suborbital Flights (2023-2034) (\$MN)

Table 4 Global Space Tourism & Suborbital Flights Market Outlook, By Orbital Tourism (2023-2034) (\$MN)

Table 5 Global Space Tourism & Suborbital Flights Market Outlook, By Lunar & Deep Space Tourism (2023-2034) (\$MN)

Table 6 Global Space Tourism & Suborbital Flights Market Outlook, By Vehicle Type (2023-2034) (\$MN)

Table 7 Global Space Tourism & Suborbital Flights Market Outlook, By Reusable Launch Vehicles (RLVs) (2023-2034) (\$MN)

Table 8 Global Space Tourism & Suborbital Flights Market Outlook, By Spaceplanes (2023-2034) (\$MN)

Table 9 Global Space Tourism & Suborbital Flights Market Outlook, By Capsules (2023-2034) (\$MN)

Table 10 Global Space Tourism & Suborbital Flights Market Outlook, By Service Offering (2023-2034) (\$MN)

Table 11 Global Space Tourism & Suborbital Flights Market Outlook, By Adventure Tourism (2023-2034) (\$MN)

Table 12 Global Space Tourism & Suborbital Flights Market Outlook, By Luxury Tourism (2023-2034) (\$MN)

Table 13 Global Space Tourism & Suborbital Flights Market Outlook, By Research & Educational Tourism (2023-2034) (\$MN)

Table 14 Global Space Tourism & Suborbital Flights Market Outlook, By Media & Entertainment Tourism (2023-2034) (\$MN)

Table 15 Global Space Tourism & Suborbital Flights Market Outlook, By Customer Segment (2023-2034) (\$MN)

Table 16 Global Space Tourism & Suborbital Flights Market Outlook, By High-Net-Worth Individuals (HNWI) (2023-2034) (\$MN)

Table 17 Global Space Tourism & Suborbital Flights Market Outlook, By Research Institutions & Universities (2023-2034) (\$MN)

Table 18 Global Space Tourism & Suborbital Flights Market Outlook, By Corporate

Clients (2023-2034) (\$MN)

Table 19 Global Space Tourism & Suborbital Flights Market Outlook, By Government & Defense (2023-2034) (\$MN)

Table 20 Global Space Tourism & Suborbital Flights Market Outlook, By Duration of Stay (2023-2034) (\$MN)

Table 21 Global Space Tourism & Suborbital Flights Market Outlook, By Short-Duration (2023-2034) (\$MN)

Table 22 Global Space Tourism & Suborbital Flights Market Outlook, By Medium-Duration (2023-2034) (\$MN)

Table 23 Global Space Tourism & Suborbital Flights Market Outlook, By Long-Duration (2023-2034) (\$MN)

Table 24 Global Space Tourism & Suborbital Flights Market Outlook, By Infrastructure (2023-2034) (\$MN)

Table 25 Global Space Tourism & Suborbital Flights Market Outlook, By Spaceports & Launch Facilities (2023-2034) (\$MN)

Table 26 Global Space Tourism & Suborbital Flights Market Outlook, By Habitation Modules & Space Hotels (2023-2034) (\$MN)

Table 27 Global Space Tourism & Suborbital Flights Market Outlook, By Training & Simulation Centers (2023-2034) (\$MN)

Table 28 Global Space Tourism & Suborbital Flights Market Outlook, By Safety & Insurance Services (2023-2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) Regions are also represented in the same manner as above.

I would like to order

Product name: Space Tourism & Suborbital Flights Market Forecasts to 2034 - Global Analysis By Flight Type (Suborbital Flights, Orbital Tourism and Lunar & Deep Space Tourism), Vehicle Type, Service Offering, Customer Segment, Duration of Stay, Infrastructure and By Geography

Product link: <https://marketpublishers.com/r/S571DCA813A0EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S571DCA813A0EN.html>