

Sexually Transmitted Infections (Stis) Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Human Immunodeficiency Virus (HIV), Human Papilloma Virus (HPV), Gonorrhea, Syphilis, Other Types), By Treatment (Antibiotics, Antiviral), By Location Of Testing, By Route Of Administration, By End-Users

<https://marketpublishers.com/r/SD5E9D35E96EEN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: SD5E9D35E96EEN

Abstracts

The Sexually Transmitted Infections (Stis) Market is valued at USD 61.4 billion in 2025 and is projected to grow at a CAGR of 13.7% to reach USD 194.5 billion by 2034. The global sexually transmitted infections (STIs) market is a critical segment within the broader healthcare landscape, addressing the diagnosis, treatment, and prevention of infections transmitted primarily through sexual contact. With over 1 million STIs acquired daily worldwide, the burden of these infections—such as chlamydia, gonorrhea, syphilis, and HIV—continues to rise, particularly among younger demographics and underserved populations. The market encompasses diagnostic tools, therapeutic drugs, vaccines, and public health programs, supported by both government and private sector funding. Growing awareness around sexual health, improved access to healthcare services, and educational initiatives are helping to reduce stigma and improve testing rates. However, antimicrobial resistance, social taboos, and unequal access to testing and treatment in low-income regions remain persistent challenges. As health systems increasingly integrate STI management with broader sexual and reproductive health services, the market is gradually expanding to accommodate comprehensive and preventative care approaches. The STIs market saw substantial advancements in diagnostics, treatment access, and digital health integration. Rapid testing technologies, including point-of-care and home-based kits, gained traction due to their convenience, privacy, and quicker turnaround times. Telemedicine platforms played a key role in

encouraging STI screening, especially among populations hesitant to visit clinics in person. Pharmaceutical companies launched improved drug formulations, including dual therapy options for gonorrhea and once-daily regimens for HIV prevention and treatment. Public-private collaborations expanded vaccination campaigns, particularly targeting HPV and Hepatitis B in school-aged populations. Several global health agencies increased funding toward STI surveillance programs and awareness campaigns, especially in urban centers with high infection rates. In addition, data analytics began to be used more extensively to map infection hotspots and guide targeted intervention strategies. This year marked a shift toward more patient-centric and preventive care models that reduce transmission through early detection and continuous monitoring. The STIs market is poised for further innovation and public health integration. The introduction of multiplex diagnostic platforms capable of detecting multiple infections from a single sample will streamline testing and improve efficiency. Advances in mRNA and DNA-based vaccines are expected to play a larger role in long-term STI prevention, particularly for infections with no current vaccines, such as herpes simplex virus (HSV). Governments and NGOs are anticipated to increase funding for youth-centric sexual health programs and targeted outreach for at-risk populations. AI-driven diagnostic apps and smart wearables with health monitoring features may further enhance early detection and adherence to treatment plans. However, combating antimicrobial resistance will remain a top priority, prompting the development of new drug classes and global stewardship frameworks. As public awareness continues to grow and technology enables more accessible solutions, the STIs market is expected to evolve into a more proactive, connected, and data-driven ecosystem focused on prevention and equitable care.

Key Insights Sexually Transmitted Infections (Stis) Market

Home-based STI testing kits are gaining popularity for their privacy, ease of use, and ability to reach underserved populations who may avoid in-person clinics.

Integration of telehealth platforms is enabling wider access to STI consultations, prescriptions, and follow-ups, particularly in rural or socially conservative regions.

Multiplex diagnostic platforms that test for several infections simultaneously are improving testing efficiency and enabling faster, more comprehensive treatment plans.

Digital education campaigns and social media outreach are playing a larger role

in reducing stigma and encouraging younger individuals to seek STI screening.

Vaccine development for STIs beyond HPV, including for herpes and gonorrhea, is gaining momentum as biotech firms explore next-gen prevention strategies.

Rising incidence of STIs globally is increasing demand for early detection, effective treatments, and accessible sexual health services across both developed and emerging regions.

Supportive government initiatives and NGO funding are expanding public health campaigns, awareness efforts, and subsidized access to diagnostic and treatment services.

Technological innovation in diagnostics and pharmaceuticals is enhancing testing accuracy, treatment adherence, and patient engagement through personalized care models.

Increased acceptance and integration of sexual health into primary care is normalizing conversations around STIs, encouraging regular testing and preventive care behaviors.

Antimicrobial resistance, especially in gonorrhea strains, poses a serious threat to current treatment regimens and necessitates urgent development of new antibiotics and stewardship policies.

Sexually Transmitted Infections (Stis) Market Segmentation

By Type

Human Immunodeficiency Virus (HIV)

Human Papilloma Virus (HPV)

Gonorrhea

Syphilis

Other Types

By Treatment

Antibiotics

Antiviral

By Location Of Testing

Laboratory Testing

Point-Of-Care (POC) Testing

By Route Of Administration

Oral

Parenteral

Other Route Of Administration

By End-Users

Hospitals

Specialty Clinics

Homecare

Other End-Users

Key Companies Analysed

Pfizer Inc.

Johnson & Johnson

Roche Holdings AG

Merck & Co Inc.

AbbVie Inc.

Novartis AG

Sanofi SA

Bristol-Myers Squibb

Astra Zeneca Pharmaceuticals LP

GlaxoSmithKline PLC

Takeda Pharmaceutical Company Limited

Gilead Sciences Inc.

Viartis Inc.

Teva Pharmaceutical Industries Ltd.

Astellas Pharma Inc.

Daiichi Sankyo Co. Ltd.

Hetero Drugs Ltd.

Eisai Co. Ltd.

Boehringer Ingelheim Group

Sun Pharmaceutical Industries Ltd.

Lupin Limited

Dr. Reddy's Laboratories

Wockhardt Ltd.

Zydus Lifescience Ltd.

Glenmark Pharmaceuticals Ltd.

Cipla Ltd.

Torrent Pharmaceuticals Ltd.

Otsuka Pharmaceutical Co. Ltd.

Sexually Transmitted Infections (Stis) Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Sexually Transmitted Infections (Stis) Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Sexually Transmitted Infections (Stis) market data and outlook to 2034

United States

Canada

Mexico

Europe — Sexually Transmitted Infections (Stis) market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Sexually Transmitted Infections (Stis) market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Sexually Transmitted Infections (Stis) market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Sexually Transmitted Infections (Stis) market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Sexually Transmitted Infections (Stis) value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Sexually Transmitted Infections (Stis) industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Sexually Transmitted Infections (Stis) Market Report

Global Sexually Transmitted Infections (Stis) market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Sexually Transmitted Infections (Stis) trade, costs, and supply chains

Sexually Transmitted Infections (Stis) market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Sexually Transmitted Infections (Stis) market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Sexually Transmitted Infections (Stis) market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Sexually Transmitted Infections (Stis) supply chain analysis

Sexually Transmitted Infections (Stis) trade analysis, Sexually Transmitted Infections (Stis) market price analysis, and Sexually Transmitted Infections (Stis) supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Sexually Transmitted Infections (Stis) market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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