

Ophthalmic Drug Delivery Systems Market Size, Trends, Analysis, and Outlook By Technology (Eye drops, Contact lenses, Punctal plugs, Episcleral Implants, Intravitreal Implants, Injectable Particulate Systems, Iontophoresis, Micro-Electromechanical, Nano carriers, Nano microparticles, Microneedles, Hydrogels, Others), By Route of Administration (Intraocular, Intravitreal, Intracameral), By Production Technology (Electrospinning, 3D printing, Extrusion, Formulation, Micro patterning, Compression molding, Others), By Material (Liposomes, Collagen, PLA-PEG, PDO/PVA, Hydrogels, TMC, Polyorthoesters, PLGA, Polycaprolactone, Fatty acids, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Ophthalmic Drug Delivery Systems market size is poised to register 8.89% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Ophthalmic Drug Delivery Systems market across By Technology (Eye drops, Contact lenses, Punctal plugs, Episcleral Implants, Intravitreal Implants, Injectable Particulate Systems, Iontophoresis, Micro-Electromechanical, Nano carriers, Nano microparticles, Microneedles, Hydrogels, Others), By Route of Administration (Intraocular, Intravitreal, Intracameral), By Production Technology (Electrospinning, 3D printing, Extrusion,

Formulation, Micro patterning, Compression molding, Others), By Material (Liposomes, Collagen, PLA-PEG, PDO/PVA, Hydrogels, TMC, Polyorthoesters, PLGA, Polycaprolactone, Fatty acids, Others).

The Ophthalmic Drug Delivery Systems Market is witnessing growth driven by the demand for novel drug delivery technologies to improve ocular drug bioavailability, patient compliance, and therapeutic outcomes in ophthalmology and eye care, and the advancements in nanomedicine, hydrogels, and sustained-release formulations for ocular drug delivery. Ophthalmic drug delivery systems encompass a variety of drug formulations, devices, and implants designed to deliver therapeutics to the ocular tissues and posterior segment of the eye, including topical eye drops, ointments, inserts, and intravitreal injections. Key trends shaping its future include the development of bioadhesive and mucoadhesive formulations for prolonged drug retention and sustained release in the tear film and corneal epithelium, the integration of nanoparticle and liposomal carriers for enhanced drug penetration and targeting to ocular tissues and cells, and the customization of drug delivery devices with smart technologies and patient-friendly designs for improved comfort and ease of use. Additionally, factors such as the increasing prevalence of age-related eye diseases and ocular disorders, the growing demand for novel therapeutics and combination therapies in ophthalmology, and the regulatory approvals of innovative ophthalmic drug delivery systems and sustained-release formulations are expected to drive market growth in 2024 and beyond.

Ophthalmic Drug Delivery Systems Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Ophthalmic Drug Delivery Systems market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Ophthalmic Drug Delivery Systems survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Ophthalmic Drug Delivery Systems industry.

Key market trends defining the global Ophthalmic Drug Delivery Systems demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics,

demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Ophthalmic Drug Delivery Systems Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Ophthalmic Drug Delivery Systems industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Ophthalmic Drug Delivery Systems companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Ophthalmic Drug Delivery Systems industry

Leading Ophthalmic Drug Delivery Systems companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Ophthalmic Drug Delivery Systems companies.

Ophthalmic Drug Delivery Systems Market Study- Strategic Analysis Review

The Ophthalmic Drug Delivery Systems market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Ophthalmic Drug Delivery Systems Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Ophthalmic Drug Delivery Systems industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Ophthalmic Drug Delivery Systems Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Ophthalmic Drug Delivery Systems Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Ophthalmic Drug Delivery Systems market segments. Similarly, Strong end-user demand is encouraging Canadian Ophthalmic Drug Delivery Systems companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Ophthalmic Drug Delivery Systems market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Ophthalmic Drug Delivery Systems Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Ophthalmic Drug Delivery Systems industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Ophthalmic Drug Delivery Systems market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Ophthalmic Drug Delivery Systems Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Ophthalmic Drug Delivery Systems in Asia Pacific. In particular, China, India, and South East Asian Ophthalmic Drug Delivery Systems markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Ophthalmic Drug Delivery Systems Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Ophthalmic Drug Delivery Systems Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Ophthalmic Drug Delivery Systems market potential. Fueled by increasing healthcare expenditure of

individuals, growing population, and high prevalence across a few markets drives the demand for Ophthalmic Drug Delivery Systems.

Ophthalmic Drug Delivery Systems Market Company Profiles

The global Ophthalmic Drug Delivery Systems market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Allergan plc, AptarGroup Inc, Clearside Biomedical, Envisia Therapeutics, Ocular Therapeutix Inc, Oculis Pharma, pSivida, Santen Pharmaceutical Co. Ltd, Valeant Pharmaceuticals

Recent Ophthalmic Drug Delivery Systems Market Developments

The global Ophthalmic Drug Delivery Systems market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Ophthalmic Drug Delivery Systems Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Technology

Eye drops

Contact lenses

Punctal plugs

Episcleral Implants

Intravitreal Implants

Injectable Particulate Systems

Iontophoresis

Micro-Electromechanical

Nano carriers

Nano microparticles

Microneedles

Hydrogels

Others

By Delivery Route

Intraocular

Intravitreal

Intracameral

By Production Technology

Electrospinning

3D printing

Extrusion

Formulation

Micro patterning

Compression molding

Others

By Material

Liposomes

Collagen

PLA-PEG

PDO/PVA

Hydrogels

TMC

Polyorthoesters

PLGA

Polycaprolactone

Fatty acids

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Allergan plc

AptarGroup Inc

Clearside Biomedical

Envisia Therapeutics

Ocular Therapeutix Inc

Oculis Pharma

pSivida

Santen Pharmaceutical Co. Ltd

Valeant Pharmaceuticals

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

- 1.1 Ophthalmic Drug Delivery Systems Market Overview and Key Findings, 2024
- 1.2 Ophthalmic Drug Delivery Systems Market Size and Growth Outlook, 2021- 2030
- 1.3 Ophthalmic Drug Delivery Systems Market Growth Opportunities to 2030
- 1.4 Key Ophthalmic Drug Delivery Systems Market Trends and Challenges
 - 1.4.1 Ophthalmic Drug Delivery Systems Market Drivers and Trends
 - 1.4.2 Ophthalmic Drug Delivery Systems Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Ophthalmic Drug Delivery Systems Companies

2. OPHTHALMIC DRUG DELIVERY SYSTEMS MARKET SIZE OUTLOOK TO 2030

- 2.1 Ophthalmic Drug Delivery Systems Market Size Outlook, USD Million, 2021- 2030
- 2.2 Ophthalmic Drug Delivery Systems Incremental Market Growth Outlook, %, 2021-2030
- 2.3 Segment Snapshot, 2024

3. OPHTHALMIC DRUG DELIVERY SYSTEMS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
 - * Threat of New Entrants
 - * Threat of Substitutes
 - * Intensity of Competitive Rivalry
 - * Bargaining Power of Buyers
 - * Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

4. OPHTHALMIC DRUG DELIVERY SYSTEMS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
By Technology

Eye drops
Contact lenses
Punctal plugs
Episcleral Implants
Intravitreal Implants
Injectable Particulate Systems
Iontophoresis
Micro-Electromechanical
Nano carriers
Nano microparticles
Microneedles
Hydrogels
Others
By Delivery Route
Intraocular
Intravitreal
Intracameral
By Production Technology
Electrospinning

3D PRINTING

Extrusion
Formulation
Micro patterning
Compression molding
Others
By Material
Liposomes
Collagen
PLA-PEG
PDO/PVA
Hydrogels
TMC
Polyorthoesters
PLGA
Polycaprolactone
Fatty acids
Others

- 4.3 Growth Prospects and Niche Opportunities, 2023- 2030
- 4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

- 5.1 Key Findings for Asia Pacific Ophthalmic Drug Delivery Systems Market, 2025
- 5.2 Asia Pacific Ophthalmic Drug Delivery Systems Market Size Outlook by Type, 2021-2030
- 5.3 Asia Pacific Ophthalmic Drug Delivery Systems Market Size Outlook by Application, 2021- 2030
- 5.4 Key Findings for Europe Ophthalmic Drug Delivery Systems Market, 2025
- 5.5 Europe Ophthalmic Drug Delivery Systems Market Size Outlook by Type, 2021-2030
- 5.6 Europe Ophthalmic Drug Delivery Systems Market Size Outlook by Application, 2021- 2030
- 5.7 Key Findings for North America Ophthalmic Drug Delivery Systems Market, 2025
- 5.8 North America Ophthalmic Drug Delivery Systems Market Size Outlook by Type, 2021- 2030
- 5.9 North America Ophthalmic Drug Delivery Systems Market Size Outlook by Application, 2021- 2030
- 5.10 Key Findings for South America Ophthalmic Drug Delivery Systems Market, 2025
- 5.11 South America Pacific Ophthalmic Drug Delivery Systems Market Size Outlook by Type, 2021- 2030
- 5.12 South America Ophthalmic Drug Delivery Systems Market Size Outlook by Application, 2021- 2030
- 5.13 Key Findings for Middle East and Africa Ophthalmic Drug Delivery Systems Market, 2025
- 5.14 Middle East Africa Ophthalmic Drug Delivery Systems Market Size Outlook by Type, 2021- 2030
- 5.15 Middle East Africa Ophthalmic Drug Delivery Systems Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Ophthalmic Drug Delivery Systems Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities

- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities

- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Ophthalmic Drug Delivery Systems Industry Drivers and Opportunities

7. OPHTHALMIC DRUG DELIVERY SYSTEMS MARKET OUTLOOK ACROSS SCENARIOS

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

8. OPHTHALMIC DRUG DELIVERY SYSTEMS COMPANY PROFILES

- 8.1 Profiles of Leading Ophthalmic Drug Delivery Systems Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- Allergan plc
- AptarGroup Inc
- Clearside Biomedical
- Envisia Therapeutics
- Ocular Therapeutix Inc
- Oculis Pharma
- pSivida
- Santen Pharmaceutical Co. Ltd
- Valeant Pharmaceuticals

9. APPENDIX

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

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