

Parathyroid Hormone Market Outlook 2025-2034: Market Share, and Growth Analysis By Disease Type (Hypocalcemia, Hypoparathyroidism), By Product Type (Recombinant Parathyroid Hormone, Parathyroid Hormone Analogues), By End-User

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Abstracts

The Parathyroid Hormone Market is valued at USD 3.1 billion in 2025 and is projected to grow at a CAGR of 3.6% to reach USD 4.3 billion by 2034. The parathyroid hormone (PTH) market is witnessing steady growth, primarily driven by increasing cases of hypoparathyroidism, osteoporosis, and other metabolic bone disorders. Parathyroid hormone plays a crucial role in regulating calcium and phosphorus levels in the body, making it essential for bone health. The market includes recombinant parathyroid hormone therapies such as teriparatide and abaloparatide, which are widely used for osteoporosis treatment. The growing geriatric population, rising prevalence of calcium-related disorders, and increasing awareness of early diagnosis are further fueling market expansion. Additionally, pharmaceutical companies are investing in the development of novel PTH analogs and combination therapies to improve treatment efficacy and patient compliance. With regulatory approvals and advancements in biologics manufacturing, the market is poised for continued growth as demand for effective bone health solutions increases. The parathyroid hormone market saw significant developments in drug innovation, regulatory approvals, and treatment accessibility. The introduction of extended-release formulations and novel drug delivery systems improved patient adherence and reduced the frequency of administration. Research on next-generation PTH analogs with enhanced safety profiles gained traction, with several candidates entering clinical trials. Additionally, the expansion of biosimilars in the market increased competition, driving down costs and improving affordability for patients. Governments and healthcare organizations launched awareness campaigns on osteoporosis prevention and early screening for calcium

disorders, further boosting demand for PTH-based treatments. Collaborations between pharmaceutical companies and research institutions accelerated the development of combination therapies, targeting multiple pathways to enhance bone density and reduce fracture risk. These developments positioned the market for strong growth as healthcare systems prioritized bone health management. The parathyroid hormone market is expected to witness further advancements in precision medicine, gene therapy, and digital health integration. Personalized treatment approaches, guided by genetic profiling and biomarker-driven diagnostics, will enhance treatment outcomes for patients with hypoparathyroidism and osteoporosis. The development of orally bioavailable PTH formulations will address the limitations of injectable therapies, improving patient compliance and convenience. AI-driven drug discovery platforms will accelerate the identification of novel PTH analogs with improved efficacy and fewer side effects. Additionally, telemedicine and remote patient monitoring will enhance treatment adherence, allowing healthcare providers to track patient responses in real-time. As the market continues to evolve, increased investment in research and development, along with supportive regulatory policies, will drive innovation and expand the availability of parathyroid hormone therapies worldwide.

Key Insights Parathyroid Hormone Market

Expansion of Biosimilars and Generic PTH Therapies: The rise of biosimilar versions of parathyroid hormone is improving affordability and expanding access to treatment options.

Development of Extended-Release and Oral PTH Formulations: Research is focused on creating long-acting and non-injectable formulations to enhance patient compliance.

Advancements in Precision Medicine for Bone Health: Genetic profiling and biomarker-driven diagnostics are enabling personalized treatment approaches for metabolic bone disorders.

Integration of AI in Drug Discovery and Development: AI-driven platforms are accelerating the identification and optimization of next-generation PTH analogs.

Growth of Telemedicine and Digital Health Solutions: Remote patient monitoring and telehealth consultations are improving treatment adherence and patient outcomes in PTH therapy.

Rising Prevalence of Osteoporosis and Hypoparathyroidism: The growing incidence of calcium-related disorders is driving demand for effective PTH-based treatments.

Aging Population and Increased Risk of Bone Disorders: The expanding geriatric demographic is fueling the need for therapies that enhance bone density and reduce fracture risk.

Technological Advancements in Drug Delivery Systems: Innovations in sustained-release formulations and non-invasive delivery methods are improving treatment accessibility.

Government Initiatives for Bone Health Awareness and Screening: Public health campaigns and reimbursement policies are promoting early diagnosis and access to PTH therapies.

High Cost of PTH-Based Treatments and Limited Insurance Coverage: The expensive nature of recombinant PTH therapies, coupled with reimbursement challenges, limits accessibility for a significant portion of patients.

Parathyroid Hormone Market Segmentation

By Disease Type

Hypocalcemia

Hypoparathyroidism

By Product Type

Recombinant Parathyroid Hormone

Parathyroid Hormone Analogues

By End-User

Hospitals

Clinics

Other End-Users

Key Companies Analysed

Pfizer Inc.

Eli Lilly and Company

Radius Health Inc.

Shire plc

Ascendis Pharma

Entera Bio Ltd.

Extend Biosciences Inc.

Gedeon Richter Plc.

Abbott Laboratories

Amgen Inc.

Merck & Co. Inc.

Novartis AG

F. Hoffmann-La Roche AG

Teva Pharmaceutical Industries Ltd.

Alcon Laboratories Inc.

Bayer Healthcare

Becton Dickinson and Company

Ethicon Inc.

Genentech Inc.

Medtronic Inc.

Mylan Laboratories

Novo Nordisk

Smith & Nephew plc

Stryker Corporation

Zimmer Biomet Holdings Inc.

Parathyroid Hormone 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.

Parathyroid Hormone 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 — Parathyroid Hormone market data and outlook to 2034

United States

Canada

Mexico

Europe — Parathyroid Hormone market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Parathyroid Hormone market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Parathyroid Hormone market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Parathyroid Hormone 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 Parathyroid Hormone 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 Parathyroid Hormone 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 Parathyroid Hormone Market Report

Global Parathyroid Hormone market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Parathyroid

Hormone trade, costs, and supply chains

Parathyroid Hormone market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Parathyroid Hormone market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Parathyroid Hormone market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Parathyroid Hormone supply chain analysis

Parathyroid Hormone trade analysis, Parathyroid Hormone market price analysis, and Parathyroid Hormone supply/demand dynamics

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

Latest Parathyroid Hormone 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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