

Global Pharmaceutical Contract Manufacturing And Research Services Market Size study, by Manufacturing Services (API/Bulk Drugs, Advanced Drug Delivery Formulations, Packaging and Finished Dose), by Formulations (Solid Formulations, Liquid Formulations, and Semi-Solid Formulations), by Research Services (Oncology, Vaccines, Cardiology, Neuroscience, and Other Research Services) and Regional Forecasts 2022-2032

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Abstracts

Global Pharmaceutical Contract Manufacturing And Research Services Market is valued approximately at USD 246.37 billion in 2023 and is anticipated to grow with a remarkable compound annual growth rate of more than 6.90% over the forecast period 2024–2032. As the pharmaceutical landscape continues to evolve under the dual pressures of rising R&D costs and complex regulatory landscapes, contract manufacturing and research organizations (CMOs and CROs) have emerged as vital enablers of innovation, speed-to-market, and global scalability. By outsourcing core processes such as drug formulation, clinical trial support, and bulk drug production, pharmaceutical giants and emerging biotech firms alike are optimizing operational efficiency, mitigating risks, and ensuring compliance. The industry's growing reliance on external partners underscores a structural shift toward a leaner, more agile model of drug development and commercialization.

As the demand for customized therapies and advanced drug delivery systems surges, CMOs are strategically investing in high-potency APIs (HPAPIs), continuous manufacturing, and injectable technologies. Likewise, CROs are expanding their service

portfolios into therapeutic areas such as oncology, cardiology, and neuroscience—where clinical research complexity requires deep expertise and regulatory know-how. With regulatory agencies placing increasing emphasis on data integrity, quality assurance, and pharmacovigilance, outsourcing partners are also investing in AI-enabled data analytics, digital twins, and automated workflow platforms to maintain a competitive edge.

Nonetheless, the sector contends with several challenges that can temper its otherwise strong momentum. From geopolitical instability impacting raw material supply chains to stringent patent cliffs and intellectual property management concerns, the road to seamless partnership execution is not without friction. Additionally, the rising cost of skilled labor, fluctuating exchange rates, and stringent Good Manufacturing Practice (GMP) compliance hurdles in emerging markets pose operational and strategic challenges for contract providers. However, these challenges are being offset by rising demand for integrated end-to-end solutions and the surge in biologics and biosimilars development, which require specialized capabilities and infrastructure.

The evolution of advanced formulations—ranging from nanoparticle-based carriers to transdermal patches and long-acting injectables—is creating lucrative opportunities for contract manufacturers capable of managing complex supply chains and delivering scalable, compliant output. At the same time, the decentralization of clinical trials and the rise of real-world evidence (RWE) are pushing CROs to develop hybrid and virtual trial models, enabling broader patient access and faster data collection across geographies. As global pharma companies continue to focus on core competencies, CMOs and CROs that provide value-added services and technological agility are poised for long-term growth.

From a regional standpoint, North America dominated the pharmaceutical contract manufacturing and research services market in 2023, driven by a mature pharmaceutical ecosystem, strong regulatory framework, and abundant capital flow into biotech startups. Europe followed closely, with key nations investing heavily in biopharma clusters and clinical research hubs. Meanwhile, Asia Pacific is expected to witness the fastest CAGR over the forecast period, fueled by cost-competitive manufacturing, favorable government policies, and a rapidly expanding talent pool. India and China, in particular, are emerging as pivotal outsourcing destinations, offering a compelling blend of capacity, compliance, and innovation. Latin America and the Middle East & Africa are also experiencing a steady uptick in demand, driven by improvements in healthcare infrastructure and the globalization of drug development.

Major market player included in this report are:

Lonza Group AG

Catalent Inc.

Thermo Fisher Scientific Inc.

Boehringer Ingelheim International GmbH

AbbVie Inc.

Recipharm AB

Charles River Laboratories International, Inc.

WuXi AppTec

IQVIA Holdings Inc.

Jubilant Pharmova Limited

Samsung Biologics

Siegfried Holding AG

Piramal Pharma Solutions

Cambrex Corporation

Labcorp Drug Development

The detailed segments and sub-segment of the market are explained below:

By Manufacturing Services

API/Bulk Drugs

Advanced Drug Delivery Formulations

Packaging and Finished Dose

By Formulations

Solid Formulations

Liquid Formulations

Semi-Solid Formulations

By Research Services

Oncology

Vaccines

Cardiology

Neuroscience

Other Research Services

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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