

# Central Venous Catheters Market to Reach \$3.76 Billion by 2031, Expanding with Demand from Dialysis & Cancer Care

*Discover Central Venous Catheters Market growth to \$3.76B by 2031. Key drivers include chronic diseases, surgeries, and advanced healthcare adoption.*

AUSTIN, TX, UNITED STATES, August 22, 2025 /EINPresswire.com/ -- The [central venous catheters market](#) plays a critical role in modern healthcare by enabling long-term medication administration, nutritional support, and frequent blood sampling for patients with chronic and acute conditions. CVCs are widely used in intensive care units, oncology treatments, dialysis, and surgical

procedures, making them indispensable in hospital and clinical settings. According to DataM Intelligence, the Central Venous Catheters Market size was valued at US\$ 1,994.72 million in 2021 and is estimated to reach US\$ 3,760.83 million by 2031, growing at a CAGR of 5.9% during the forecast period (2024–2031). The market's growth is propelled by the rising prevalence of chronic

diseases such as cancer, kidney disorders, and cardiovascular illnesses, coupled with the growing number of surgical procedures worldwide.

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With technological innovations and growing adoption in critical care, the Central Venous Catheters Market will grow from US\$ 1,994.72 million in 2021 to US\$ 3,760.83 million by 2031 at 5.9% CAGR.”

*DataM Intelligence*

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The tunneled catheters segment holds the largest share in the product category, primarily due to its widespread use in oncology and dialysis patients requiring long-term

vascular access. Geographically, North America dominates the global CVCs market, driven by



advanced healthcare infrastructure, high incidence of cancer and chronic kidney disease, and favorable reimbursement frameworks. Meanwhile, the Asia-Pacific region is emerging as the fastest-growing market due to expanding healthcare expenditure, rising medical tourism, and growing awareness of advanced treatment options.

### Key Highlights from the Report

- Rising prevalence of chronic illnesses such as cancer and kidney diseases boosts demand for central venous catheters.
- Tunneled catheters dominate the product landscape, supported by their long-term application in oncology and dialysis.
- North America remains the leading region due to advanced healthcare systems and favorable reimbursement policies.
- Asia-Pacific showcases the fastest CAGR, attributed to increasing healthcare investments and patient awareness.
- Technological advancements in infection-resistant catheter materials are shaping future adoption.
- Key players are focusing on mergers, acquisitions, and partnerships to expand their product portfolios and regional presence.

### Market Segmentation

Central venous catheters are segmented based on product type, design, insertion technique, and end-user.

By product type, the market is categorized into tunneled catheters, non-tunneled catheters, peripherally inserted central catheters (PICC lines), and implantable ports. Among these, tunneled catheters hold the largest market share due to their reliability in long-term use and lower infection risk compared to non-tunneled alternatives.

End-user segmentation highlights the dominance of hospitals, as these facilities perform the majority of catheter insertions for critical care, oncology, and surgical needs. Ambulatory surgical centers and specialized clinics are growing end-user segments, supported by the trend toward outpatient care and minimally invasive procedures. Additionally, home healthcare services are expected to gain traction as patients increasingly prefer at-home infusion therapies.

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### Regional Insights:

North America leads the central venous catheters market, supported by well-established healthcare systems, a growing burden of chronic diseases, and adoption of advanced

technologies. The United States accounts for the majority share due to a high rate of surgical procedures and significant R&D investments in infection-preventive catheter technologies.

Europe is another significant market, with countries like Germany, the UK, and France driving adoption. The increasing incidence of cancer and kidney disorders, coupled with advanced medical infrastructure, supports growth in this region.

The Asia-Pacific region is anticipated to record the fastest growth during the forecast period, driven by rising healthcare expenditure, an aging population, and expanding access to specialized medical services. China and India are emerging as key markets due to rising patient awareness and medical tourism.

Latin America and the Middle East & Africa are developing markets, with growth driven by increasing healthcare investments and gradual adoption of advanced medical devices.

## Market Dynamics

### Market Drivers

The increasing prevalence of chronic conditions such as cancer, cardiovascular diseases, and kidney disorders is the primary growth driver for the central venous catheters market. Additionally, the rise in surgical procedures and intensive care admissions contributes to higher catheter usage. Technological advancements, including antimicrobial coatings and infection-resistant catheter materials, are also fueling adoption.

### Market Restraints

Despite growth, the market faces challenges such as risks of catheter-related bloodstream infections (CRBSIs), complications during insertion, and the need for highly skilled professionals. Stringent regulatory frameworks and the high cost of advanced devices also pose hurdles to widespread adoption, particularly in developing economies.

### Market Opportunities

Opportunities lie in the development of innovative catheter technologies with enhanced safety and ease of use. Growing demand for home-based infusion therapies and the rise of telehealth are expected to expand usage beyond hospitals. Emerging markets such as Asia-Pacific and Latin America offer significant untapped potential due to increasing healthcare access and investments.

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## Reasons to Buy the Report

- Comprehensive analysis of global market trends and forecasts.

- Detailed segmentation by product, end-user, and geography.
- Insights into technological advancements and emerging innovations.
- Evaluation of competitive landscape and key strategies of major players.
- Regional analysis highlighting growth opportunities across developed and emerging markets.

### Frequently Asked Questions (FAQs)

- How big is the global central venous catheters market?
- Who are the key players in the central venous catheters market?
- What is the projected growth rate of the central venous catheters market?
- What is the market forecast for 2032?
- Which region is estimated to dominate the central venous catheters industry during the forecast period?

### Company Insights

Key players in the global central venous catheters market include:

- Becton, Dickinson and Company (BD)
- Teleflex Incorporated
- B. Braun Melsungen AG
- Smiths Medical
- Cook Medical
- AngioDynamics, Inc.
- ICU Medical, Inc.
- Vygon Group
- Medtronic plc
- Edwards Lifesciences Corporation

### Recent Developments:

Teleflex Incorporated launched a new antimicrobial-coated catheter designed to reduce bloodstream infections in intensive care units.

Becton, Dickinson and Company announced strategic partnerships with hospitals across North America to expand access to its latest central venous catheter solutions.

### Conclusion

The central venous catheters market is poised for steady growth, fueled by the rising prevalence of chronic diseases, expanding surgical procedures, and advancements in infection-preventive technologies. While challenges such as infection risks and high costs remain, opportunities in emerging markets and home healthcare are likely to drive future adoption. With strong

competition among leading players and increasing investments in innovation, the global CVC market is set to remain a cornerstone of critical healthcare delivery in the years ahead.

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