

## **Orthopedic Braces And Supports - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2026 - 2031)**

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### **Report description:**

Orthopedic Braces And Supports Market Analysis

The orthopedic braces and supports market is expected to grow from USD 4.79 billion in 2025 to USD 4.99 billion in 2026 and is forecast to reach USD 6.1 billion by 2031 at 4.12% CAGR over 2026-2031. Steady expansion stems from rising fracture incidence in aging populations, broader awareness of preventive bracing, and the shift toward home-based rehabilitation programs. Technological progress-from AI-enabled alignment systems to patient-specific 3-D printing-has moved the orthopedic braces and supports market away from commodity manufacturing and toward value-added smart devices. Reimbursement reforms that bundle non-surgical episodes of care, especially in North America, reinforce demand for cost-effective braces that shorten hospital stays. Competitive intensity remains moderate as leading firms emphasize innovation while facing pricing pressure from low-cost Asian imports.

Global Orthopedic Braces And Supports Market Trends and Insights

Rise in Bone-Fracture Incidence

Distal radius, finger, and hip fractures occur at 212.0, 117.1, and 112.9 cases per 100 000 person-years respectively, underscoring the long-term demand for stabilization devices. Early mobilization with braces lowers disability risk and supports cost-effective care, a crucial proposition for payers managing chronic fracture sequelae.

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## Growing Prevalence of Musculoskeletal Disorders

More than 1.7 billion individuals live with musculoskeletal ailments, with lower-back pain driving 26% of orthopedic visits. Lumbar bracing combined with physical therapy cut pain scores from 6.28 to 3.96 and improved function on the Oswestry Index from 46.56 to 33.13 over 12 weeks. Demand therefore skews toward comfortable, adjustable devices suited for long-term wear .

## Negligence Toward Minor Injuries

Delayed treatment remains common; 71% of rural Indian children present late after trauma, often worsening outcomes. Such behavior curtails prophylactic brace sales and depresses long-term growth.

Other drivers and restraints analyzed in the detailed report include:

Technological Shift to Smart/3-D-Printed Supports  
Home-Care Rehabilitation Boom Post-COVID  
Price Pressure from Commodity Asian Imports

For complete list of drivers and restraints, kindly check the Table Of Contents.

## Segment Analysis

Lower-extremity devices contributed 55.78% of 2025 revenue within the orthopedic braces and supports market, a leadership grounded in high knee, ankle, and hip injury rates. Knee braces form the largest subcluster, as anterior cruciate ligament injuries run 17.5 cases per 100,000 annually. Sports medicine demand intersects with osteoarthritis management, swelling uptake of unloader designs that delay joint-replacement surgery. 3-D-printed ankle supports and adjustable foot orthoses are penetrating running and hiking communities, aided by rapid-fit digital scanning in retail clinics . Hip abduction braces, once reserved for post-surgical protocols, now see prophylactic use among elderly fall-prevention programs in long-term care facilities.

Spinal braces remain the fastest-growing category at a 5.05% CAGR, benefiting from neurostimulation-enabled fusion stimulators cleared by the FDA in 2024. Smart belts with embedded inertial sensors supply clinicians with posture analytics that enhance rehabilitation programs. Upper-extremity devices, though smaller in volume, ride ergonomic initiatives to cut repetitive-strain injuries in high-tech workplaces. Wearable sensor integration changes braces from passive support to active coaches that prompt motion correction, encouraging compliance. Collectively, the orthotic product mix is shifting toward connected solutions, reinforcing the orthopedic braces and supports market's trajectory toward personalized, data-rich care.

Hospitals retained 50.63% revenue share in 2025, reflecting broad surgical capacity and integrated purchasing contracts across orthopedics and trauma. Capital budgets allow for significant annual brace procurement, often under value-analysis committees that favor clinically supported brands. Growth, however, tilts toward orthopedic and trauma centers, expected to expand 5.18% annually through 2031 as patients seek specialized expertise and faster recovery pathways. These centers invest in inventory systems that match patient anthropometrics, improving fit and reducing inventory write-offs.

Ambulatory surgery centers amplify momentum: partnerships such as Zimmer Biomet-CBRE scale new outpatient facilities to capture shifting procedure volumes. Home-care environments also accelerate adoption, buoyed by Medicare funding that covered 2.7 million beneficiaries in 2023. Tele-supervised brace fitting and adjustment protocols enable cost-effective follow-up care. Together, diversified end-user channels insulate the orthopedic braces and supports market from hospital-centric cyclicity.

The Orthopedic Braces and Supports Market is Segmented by Product (Lower Extremity Braces and Supports [Hip, Knee, and More], Spinal Braces and Supports, and More), End User (Hospitals, and More), Application (Ligament Injuries and More), Age

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Group (Adult and More), and Geography (North America, Europe, Asia-Pacific, Middle East and Africa, South America). The Market and Forecasts are Provided in Terms of Value (USD).

## Geography Analysis

North America accounted for 40.21% of 2025 revenue, underpinned by robust insurance coverage and CMS programs that reimburse non-surgical orthopedic interventions. The United States drives regional dominance through advanced manufacturing, exporting USD 2.9 billion in orthopedic goods to Asia in 2024. Canada scales adoption through publicly funded arthroplasty bundles, while Mexico widens access via Seguro Popular expansion. Despite mature penetration, ongoing technology upgrades-AI-enabled alignment and tele-rehabilitation-sustain mid-single-digit gains in the orthopedic braces and supports market.

Europe retains a well-established base shaped by universal healthcare systems and rigorous post-market surveillance under the Medical Device Regulation. Germany serves as the region's innovation hub, leveraging Bremen and Bavaria clusters for smart orthopedic research. The United Kingdom's Medicines and Healthcare products Regulatory Agency aligns with MDR timelines while carving independent review pathways, preserving supply continuity post-Brexit. Southern European nations increasingly allocate funds to non-invasive musculoskeletal care to manage budget constraints. As a result, Europe continues to favor premium, evidence-backed devices that meet strict clinical and economic value thresholds.

Asia-Pacific delivers the fastest 5.26% CAGR through 2031 on the back of middle-class expansion, government insurance rollouts, and rising sports participation. China forecasts 455 000 joint replacements and 1 million fracture repairs for 2025, driving brace demand during rehabilitation. Japan accelerates adoption of smart rehabilitation technology to manage its super-aged society, while Australia funds tele-health programs covering remote brace follow-ups across vast geographies. India, Thailand, and Malaysia incentivize local manufacturing to reduce dependence on imports, opening avenues for joint ventures. Currency volatility and tender-based procurement create pricing challenges, yet the volume opportunity keeps the orthopedic braces and supports market highly attractive across the region.

## List of Companies Covered in this Report:

Solventum Essity DJO LLC (Enovis) Ossur Ottobock Zimmer Biomet Bauerfeind Medi GmbH DeRoyal Industries Bird & Cronin Frank Stubbs ALCARE Beckton Dickinson Thuasne Tynor Orthotics Rehan Health Breg United Ortho OrthoPediatrics Corp.

## Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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