

# Global Oil Country Tubular Goods (OCTG) Market to Reach USD 40.0 Billion by 2034

*The global Oil Country Tubular Goods (OCTG) market is witnessing steady growth, driven by rising oil and gas exploration activities*

VANCOUVER, BC, CANADA, August 28, 2025 /EINPresswire.com/ -- The global

[Oil Country Tubular Goods \(OCTG\) market](#) is set for steady growth,

expanding from USD 25.0 billion in

2024 to USD 40.0 billion by 2034. This growth represents a compound annual growth rate (CAGR) of 4.80%, supported by rising oil and gas exploration activities, strong demand for seamless pipes, and continuous advances in drilling technologies.



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## Regional Outlook

North America currently leads the OCTG market, supported by large-scale exploration projects and advancements in drilling techniques. The U.S. in particular continues to invest in expanding crude oil production, projected to reach 12.8 million barrels per day in 2024.

Asia Pacific is the fastest-growing region, fueled by rising infrastructure development, growing energy demand, and the increasing use of seamless pipes in oil and gas projects.

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## Market Drivers

The most important growth driver for OCTG is the rise in global exploration and production activities. Governments and private players are investing heavily in energy security and new drilling projects. Technologies such as horizontal drilling and hydraulic fracturing are making previously untapped reserves accessible while reducing costs and drilling time.

For example, advanced drilling methods have helped reduce drilling time by as much as 30%,

while also increasing operational efficiency. New product launches by leading players, such as Tenaris's high-performance seamless pipes introduced in 2024, are further strengthening the market outlook.

## Market Challenges

Despite strong growth prospects, the OCTG market faces challenges from strict environmental rules and unstable raw material prices. Regulations on carbon emissions and methane control are raising production costs. For example, the European Union's carbon trading system has added about 15% to operating costs for some manufacturers.

Steel price fluctuations are another challenge, with global steel costs rising 20% in 2023 due to supply chain issues and geopolitical uncertainties. These pressures make it harder for OCTG manufacturers to manage costs while also investing in cleaner, more sustainable production methods.

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## Market Segmentation

### By Product Type

**Seamless Pipes:** The largest and fastest-growing segment, valued at USD 10.0 billion in 2024 and projected to reach USD 18.0 billion by 2034 at a CAGR of 5.5%. Their strength and durability make them vital for high-pressure and deepwater drilling.

**Welded Pipes:** Cost-effective and used for less demanding applications, expected to grow at a CAGR of 3.8% to USD 8.0 billion by 2034.

**Drill Pipes, Casing, and Tubing:** Remain essential components for exploration and production, supported by steady demand and technological upgrades.

### By Application

**Onshore:** The largest application segment, valued at USD 15.0 billion in 2024 and expected to reach USD 24.0 billion by 2034. Rising unconventional oil and gas exploration, including shale and tight oil, supports strong demand.

**Offshore:** Growing at a CAGR of 5.2% to USD 16.0 billion by 2034. Increasing deepwater and ultra-deepwater projects and advanced drilling methods are driving this growth.

### By End User

**Oil and Gas Companies:** Largest end users, projected to grow from USD 12.0 billion in 2024 to USD 20.0 billion by 2034, at a CAGR of 5.0%. Their focus on boosting efficiency and cutting costs drives demand for advanced OCTG products.

**Drilling Contractors and EPC Companies:** Also significant contributors, driven by the complexity of modern drilling projects requiring specialized OCTG solutions.

### By Technology

**Horizontal Drilling:** Largest and fastest-growing segment, valued at USD 10.0 billion in 2024 and expected to reach USD 18.0 billion by 2034. It accounts for more than 70% of new oil wells in the U.S.

**Vertical and Directional Drilling:** Continue to play important roles in exploration and production, with steady demand growth.

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### By Distribution Channel

**Direct Sales:** Largest segment, projected to grow from USD 15.0 billion in 2024 to USD 24.0 billion by 2034. Direct relationships and tailored solutions are key to growth.

**Distributors:** Expected to expand steadily, reaching USD 16.0 billion by 2034, as they provide access to a broad range of OCTG products.

### Key Trends

**Sustainability Efforts:** Companies are investing in eco-friendly production methods and improving recyclability of OCTG products to reduce their carbon footprint.

**Technological Innovation:** Adoption of advanced drilling techniques continues to improve efficiency by up to 20%, creating further demand for high-performance tubular goods.

**Policy Support:** Governments are backing exploration with funding and reforms. The U.S. Department of Energy has committed USD 2.5 billion for advanced drilling R&D, boosting OCTG demand.

### Oil Country Tubular Goods (OCTG) Competitive Strategies & Notable Developments

Tenaris

Vallourec

TMK Group

JFE Steel Corporation

Nippon Steel Corporation

ArcelorMittal

United States Steel Corporation

TPCO Enterprise

ChelPipe Group

Evrast

Oil Country Tubular Goods (OCTG) Market Segmentation

By Product Type

Seamless Pipes

Welded Pipes

Drill Pipes

Casing

Tubing

By Application

Onshore

Offshore

By End User

Oil and Gas Companies

Drilling Contractors

Engineering, Procurement, and Construction (EPC) Companies

By Technology

Horizontal Drilling

Vertical Drilling

Directional Drilling

By Distribution Channel

Direct Sales

Distributors

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