

# **U.S. Oil and Gas Infrastructure Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034**

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## **Abstracts**

U.S. Oil And Gas Infrastructure Market reached USD 78.9 billion in 2024 and is projected to experience robust growth, expanding at a CAGR of 6.4% from 2025 to 2034. This substantial growth is being primarily driven by the rising energy demand and increased oil and gas production across the nation. As energy consumption continues to soar, it has become essential to modernize and expand the nation's infrastructure to meet future needs. The expansion and upgrading of oil and gas pipelines are vital contributors to this growth, with greater investments in developing more efficient systems that can manage the country's rising energy consumption. This critical infrastructure supports the smooth flow of natural resources from production areas to where they are needed most, ensuring a reliable energy supply for the growing U.S. economy.

In addition to the rising energy demand, the Short-Term Energy Outlook predicts that U.S. oil production will reach 13.2 million barrels per day (b/d) in 2024, surpassing last year's record. This continued increase in oil production will fuel further infrastructure investments, including the replacement of older pipelines and implementing retrofitting projects to enhance safety, capacity, and efficiency. These efforts are crucial in meeting both present and future energy demands, contributing significantly to the U.S. oil and gas infrastructure market's growth.

The oil, gas, and natural gas liquids (NGL) pipeline sector is set to generate USD 41 billion by 2034. This growth stems from the expansion of natural gas pipelines to cater to rising production levels and demand, as well as the creation of new pipeline networks that link production sites with consumption hubs, export facilities, and liquefied natural gas (LNG) terminals. This infrastructure is indispensable for transporting resources

efficiently and is expected to propel the industry forward.

Furthermore, as U.S. LNG exports continue to rise, the construction and expansion of LNG export terminals will be critical in shaping the future of the market. In parallel, modifications to existing refineries and storage terminals will support export activities. Regulatory initiatives designed to repair and expand current pipelines will also play a pivotal role in sustaining market momentum.

The surge in shale gas production has resulted in a surplus of essential petrochemical feedstocks, opening new avenues for infrastructure development. Ethane export terminals are now under construction to handle this excess, facilitating the export of ethane to global markets for use in plastics and other petrochemical products.

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