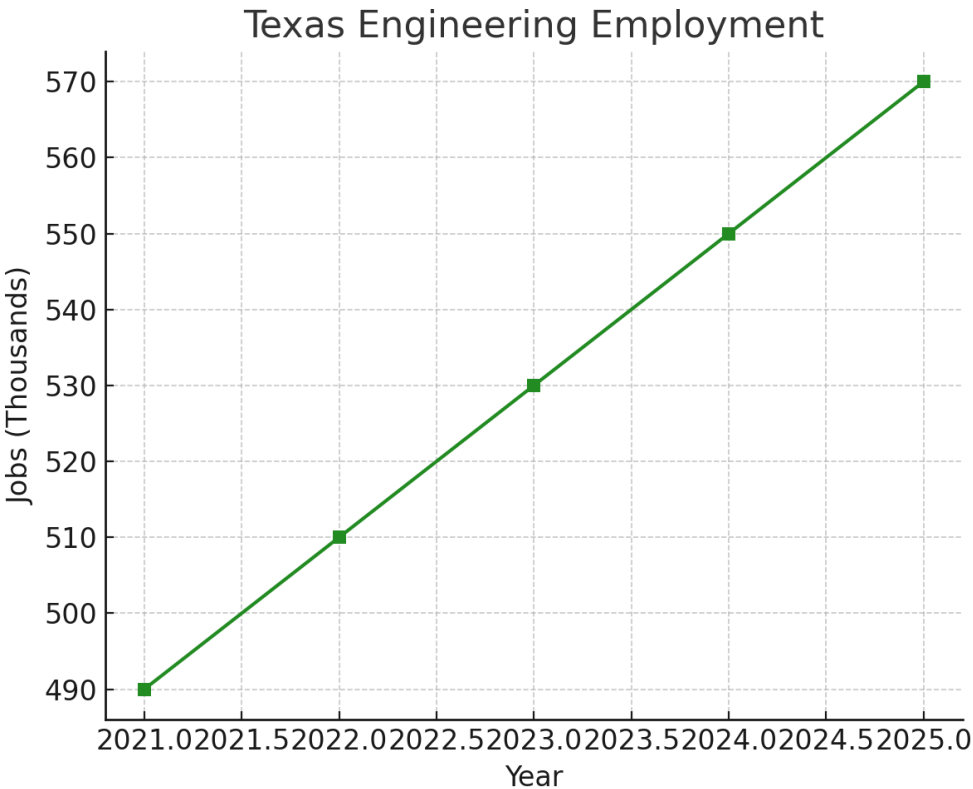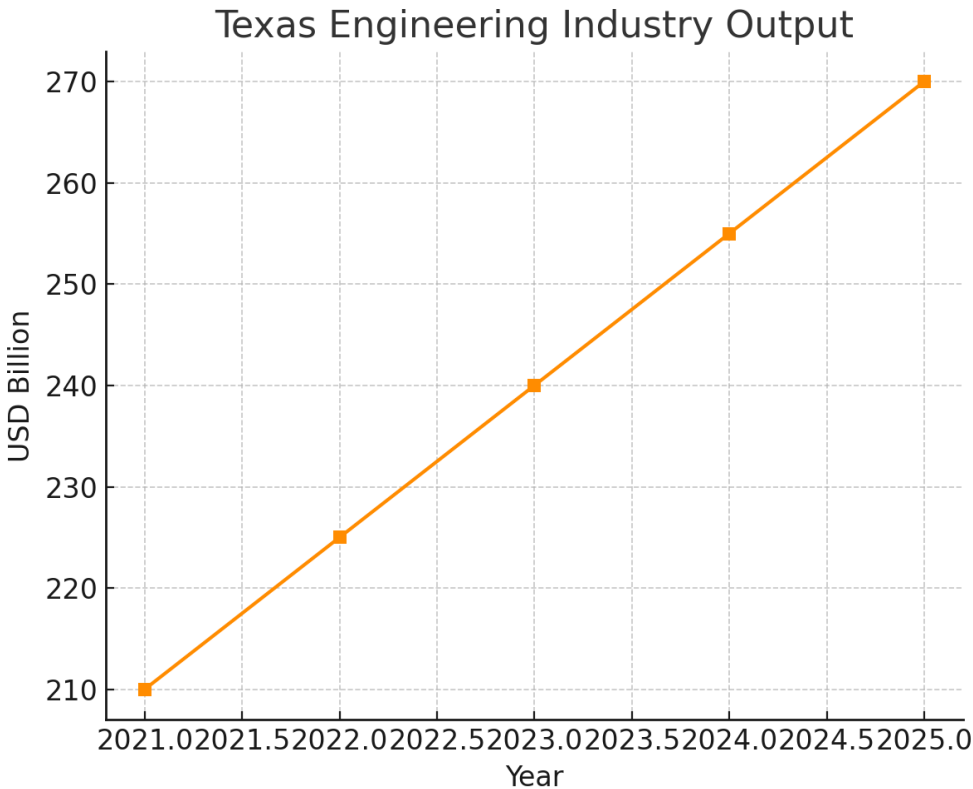# Market Overview- Engineering Industry

In 2025, Texas's engineering sector is experiencing robust growth, driven by significant investments in technology, energy, and infrastructure. The state has become a magnet for major engineering projects, including semiconductor manufacturing, renewable energy installations, and large-scale infrastructure developments. This surge is bolstered by federal initiatives like the CHIPS and Science Act and the Infrastructure Investment and Jobs Act (IIJA), positioning Texas as a national leader in engineering innovation.

# Economics Contributions & Employment

Texas has emerged as a central hub for engineering activities, with substantial contributions to the state's economy. The construction of semiconductor facilities, such as Samsung's $17 billion chip plant in Taylor, underscores the state's pivotal role in advanced manufacturing. Additionally, the engineering sector supports a wide range of employment opportunities, from civil and mechanical engineers to specialists in renewable energy and data infrastructure. The influx of tech companies and the expansion of existing facilities have significantly increased demand for engineering talent across the state.



Texas Engineering Industry Output

Texas Engineering Employment

# Current Trends & Challenges

**Industrial Expansion**:

Texas is witnessing a boom in industrial construction, particularly in semiconductor manufacturing and data center development. This growth is fueled by federal incentives and the state's favorable business climate.

**Infrastructure Development**:

The Texas Department of Transportation (TxDOT) has allocated nearly $40 billion for projects encompassing roads, bridges, ports, and railways, reflecting the state's commitment to enhancing its infrastructure.

**Workforce Demand**:

The rapid expansion of engineering projects has led to a significant demand for skilled engineers. Cities like Austin have become top destinations for STEM professionals, offering abundant opportunities and a high quality of life.

**Technological Integration**:

Engineering firms in Texas are increasingly adopting advanced technologies, including artificial intelligence and automation, to improve efficiency and meet the evolving needs of various industries.

Source: Texas DOT $100 Billion Road Plan