

#1 of 7: Share of Texas Semiconductor Plants in the Top Three Texas Counties

75% of Texas Semiconductor Plants in 3 Counties

Travis, Dallas, and Collin lead the state's AI hardware core

THE DATA

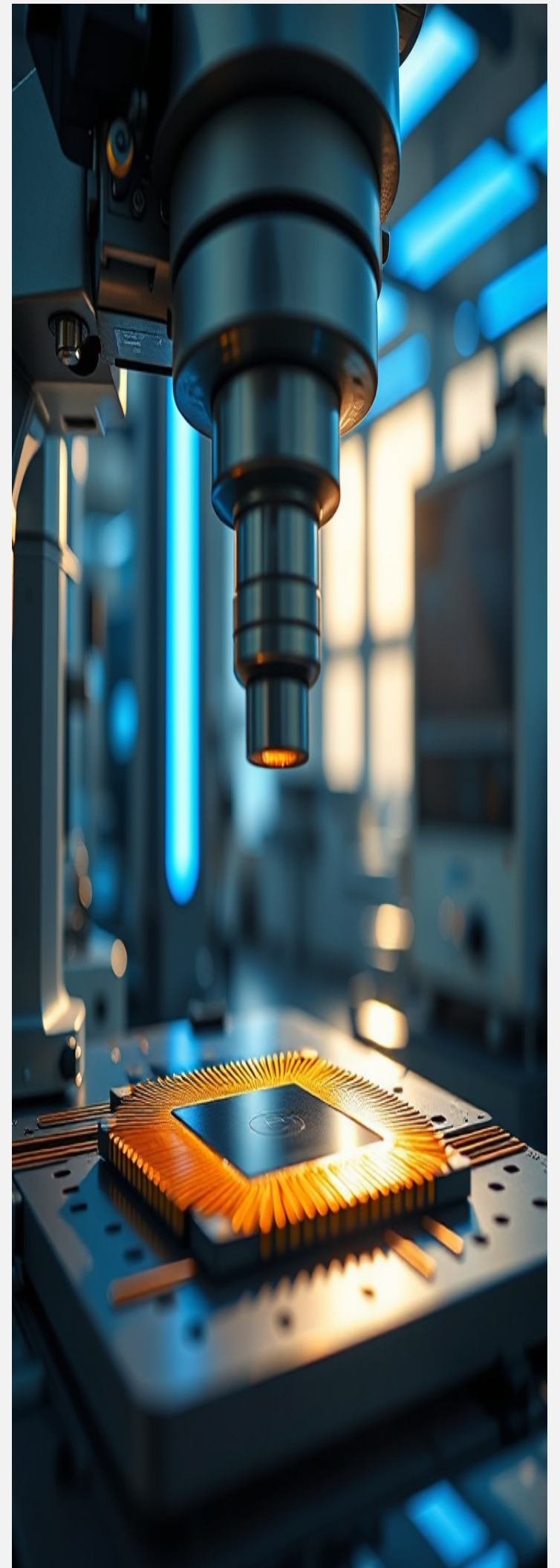
75.0%

Share of Texas Semiconductor Plants in the Top Three Texas Counties (2022)

The concentration of semiconductor manufacturing in just three Texas counties reflects a strategic clustering of advanced fabrication and R&D infrastructure.

This level of concentration—75.0% of Texas semiconductor plants located in Travis, Dallas, and Collin Counties—signals a deep specialization in high-value, AI-optimized chip production. The clustering is not accidental: it reflects shared access to talent, power infrastructure, and supply chain integration essential for 3nm and sub-3nm processes. This geographic density is a key enabler for rapid innovation cycles in AI hardware.

Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 334413 (Semiconductor and related device manufacturing) • ALEX Intelligence computation
<https://alex-companies.com/data/2026-10-17-ai-semis-conc-334413-county>



01

Clustering Drives AI Chip Innovation

The concentration of semiconductor plants in Travis, Dallas, and Collin Counties creates a feedback loop where proximity accelerates R&D, design, and fabrication. This ecosystem enables faster iteration on AI accelerators, with design teams, fab engineers, and packaging specialists co-located. The result is a self-reinforcing innovation engine that outpaces dispersed models.



02

Geopolitical Resilience Through Density

This clustering is not just an economic choice—it is a strategic hedge against global supply chain fragility. By centralizing advanced node production in Texas, the U.S. reduces reliance on offshore fabs. The dense cluster in the Dallas-Fort Worth-Austin corridor ensures faster response to AI demand surges, tighter IP control, and reduced logistics risk—critical advantages in a high-stakes global semiconductor race.

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