

Dallas County, Texas — #1 of 9: Electronic Component Works

Dallas County leads Texas in semiconductor work

Based on 2022 Census data

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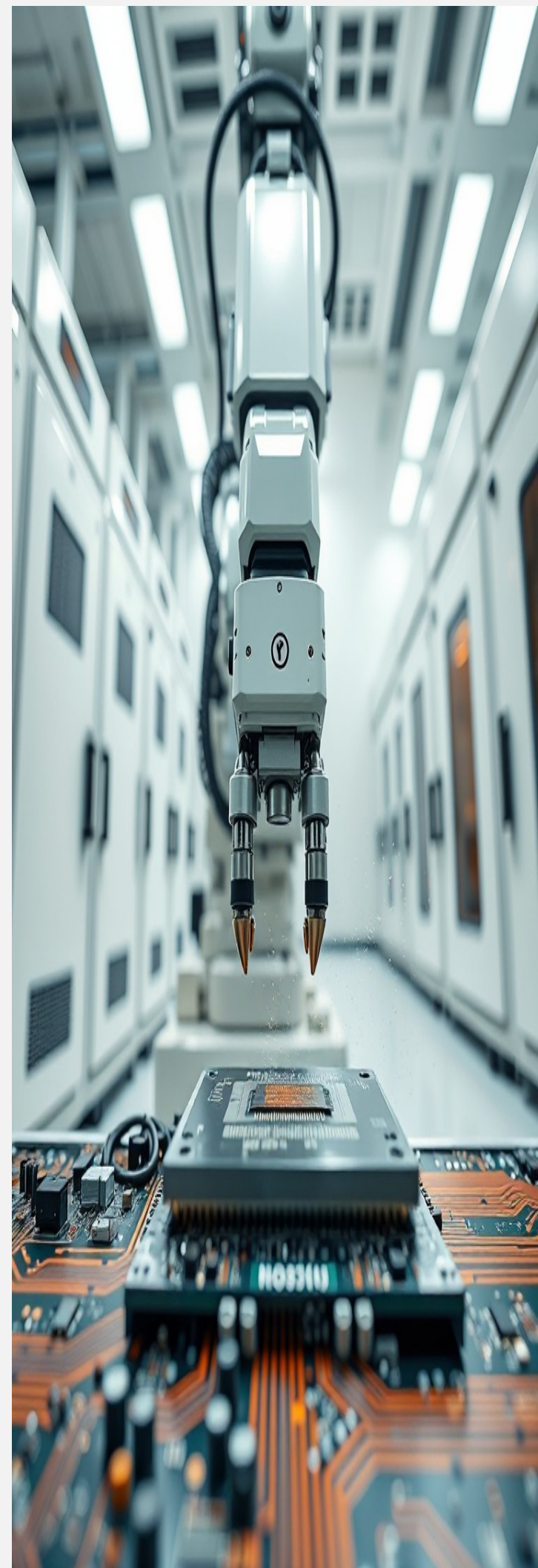
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Electronic Component Works (2022)

In 2022, Dallas County, Texas led all Texas counties in the number of electronic component manufacturing establishments.

This concentration reflects deep industrial integration across the Dallas-Fort Worth metro, where advanced packaging, test facilities, and component assembly are clustered. The number is not a proxy for output volume but a direct measure of physical manufacturing presence. The gap between Dallas and second-place Travis County—10 works—is the largest in the state.

Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 334419 (Other electronic component manufacturing) · ALEX Intelligence computation
<https://alex-companies.com/data/2026-10-21-ai-semis-ind-334419-county>



01

Concentration drives resilience

The clustering of 15 electronic component works in Dallas County creates a self-reinforcing ecosystem: proximity to suppliers, skilled labor pools, and shared logistics infrastructure reduces time-to-market and increases yield stability. This is not just about quantity—it's about density. The physical proximity enables rapid iteration, which is critical as AI chip design cycles compress into weeks rather than months.



02

The next wave is in packaging, not just fabrication

While new fabs are being built in Austin and Round Rock, the real strategic edge lies in where components are assembled and tested. Dallas County's dominance in NAICS 334419—beyond raw chip-making—suggests it is already ahead in advanced packaging, a critical bottleneck for AI accelerators. This infrastructure is harder to replicate than a new fab, giving Dallas a long-term advantage even as new foundries open elsewhere.

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