

123 Semiconductor Plants — ALEX Intelligence 2026

# 123 Semiconductor Plants in One Metro

San Jose-Sunnyvale-Santa Clara leads the U.S. in chip manufacturing density

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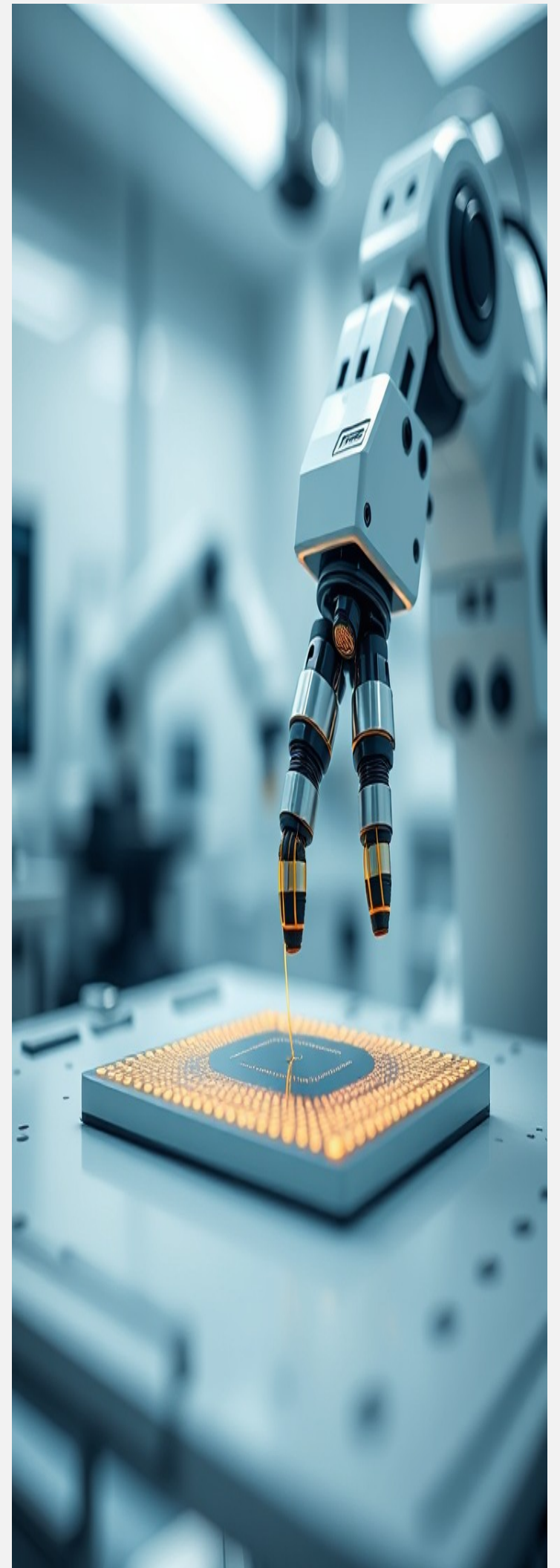
# 123

## Semiconductor Plants (2022)

San Jose-Sunnyvale-Santa Clara, CA, is home to 123 semiconductor manufacturing facilities, the highest concentration in the nation.

This figure, drawn from the U.S. Census Bureau's 2022 County Business Patterns data, reflects the entrenched industrial ecosystem of Silicon Valley. It is not just a cluster of tech firms—it is the physical core of America's semiconductor supply chain, where fabrication, packaging, and R&D converge at scale. The density of plants here is not accidental; it is the result of decades of investment, talent aggregation, and infrastructure specialization.

Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 334413 (Semiconductor and related device manufacturing) • ALEX Intelligence computation  
<https://alex-companies.com/data/2026-10-05-ai-semis-ind-334413-msa>



# 01

## Density Drives Innovation Velocity

This clustering effect is a form of industrial intelligence—where the physical layout of production directly shapes technological progress. The Valley's dominance is not just economic; it is a physical manifestation of what happens when innovation infrastructure is hyper-localized.



# 02

## The Fragility of Industrial Monoculture

This underscores a deeper truth: the U.S. semiconductor strategy is not just about building more fabs, but about distributing risk. The next phase of national resilience will not be measured in total plant count, but in geographic dispersion and process diversity.

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