



THE CONNECTION

Economic Development and Our Community

*DFW's Semiconductor Industry
in 2024*

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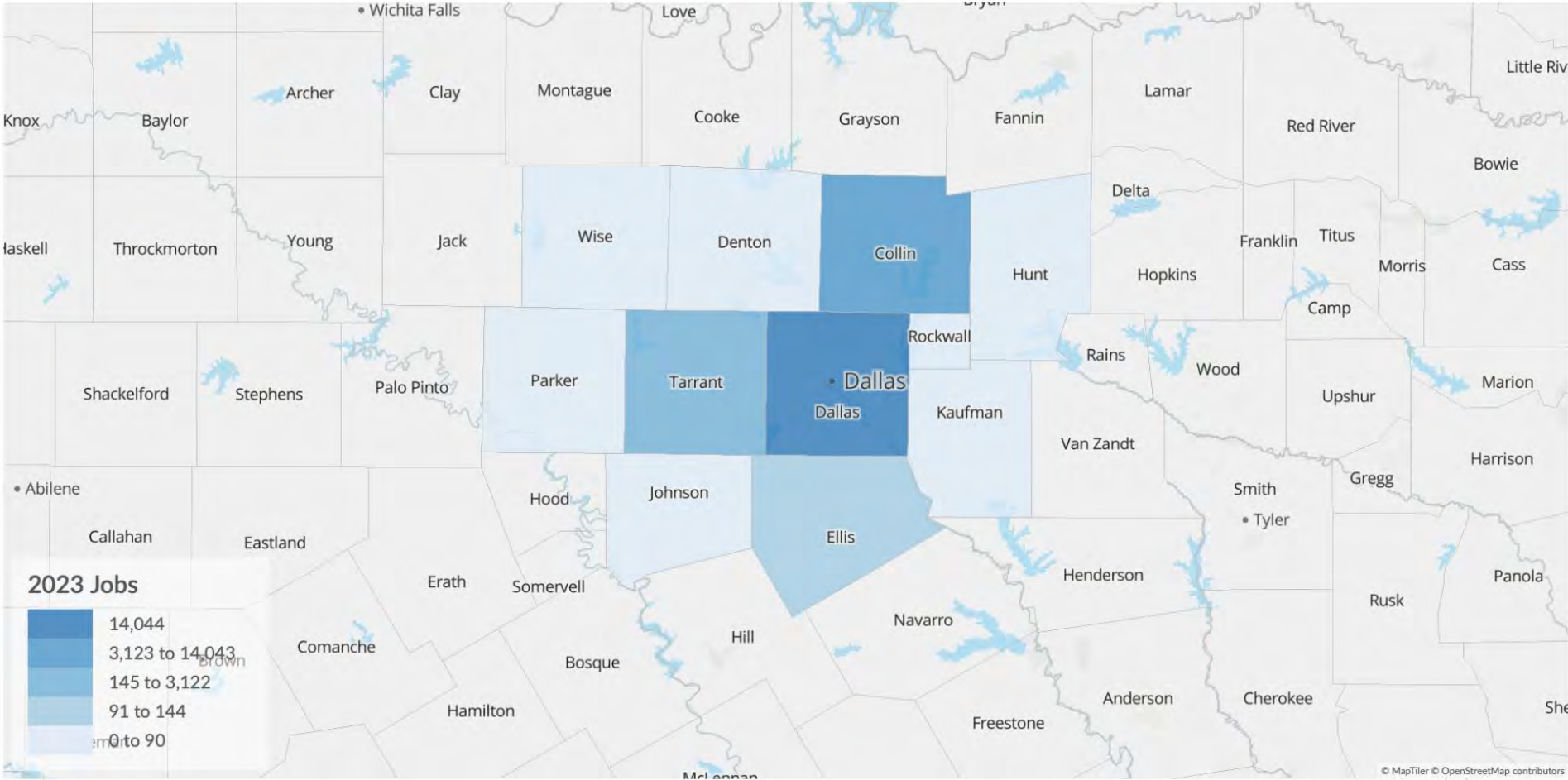
Industry Overview

As a historic hub for advanced manufacturing and design, the metroplex stands poised to take an essential role in North Texas semiconductor manufacturing growth in the coming years.

In this edition of the Connection, summary statistics and observations concerning the state of the semiconductor industry in DFW will be reviewed and analyzed.

A brief overview of policy efforts to stimulate and incentivize all stages of research and production in semiconductor technology will also be provided.

At A Glance...

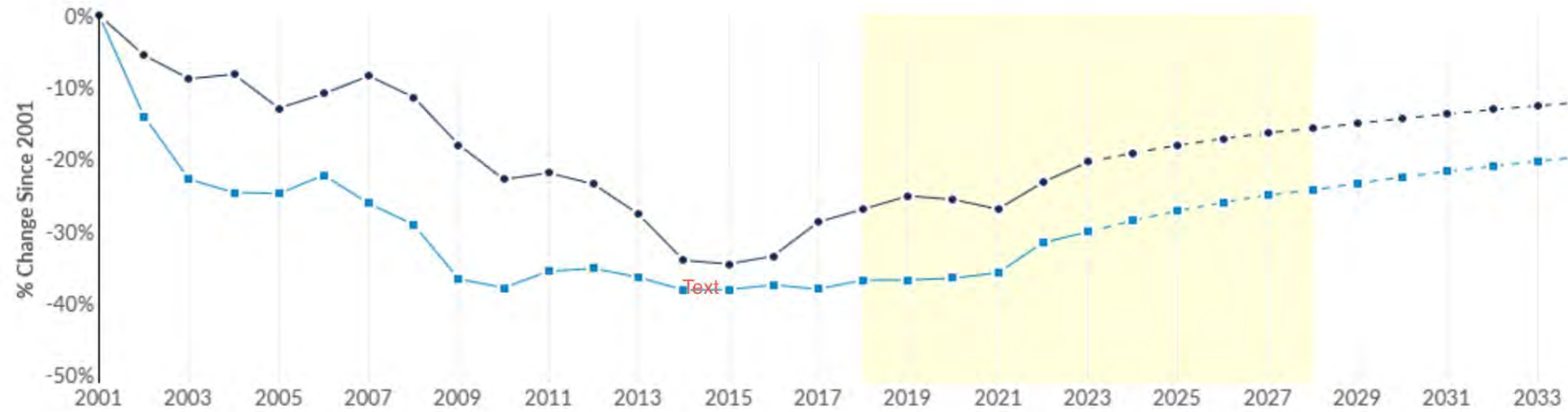


Metroplex Quick Stats

- DFW is host to over 17,400 jobs in 'Semiconductor and Related Device Manufacturing' as of Q3 2024. This is expected to increase by at least 5.8% (1,012) by 2028.
- The concentration of industry jobs in the area is 3.29 that of the national job concentration for this industry. In other words, there are 229% more jobs in semiconducting manufacturing in DFW than in an average region of the nation.
- Regional earnings stand at \$189.4 thousand per job. The cost of labor is below the national rate of \$231.5 thousand per job.

Job Growth

Regional Trends

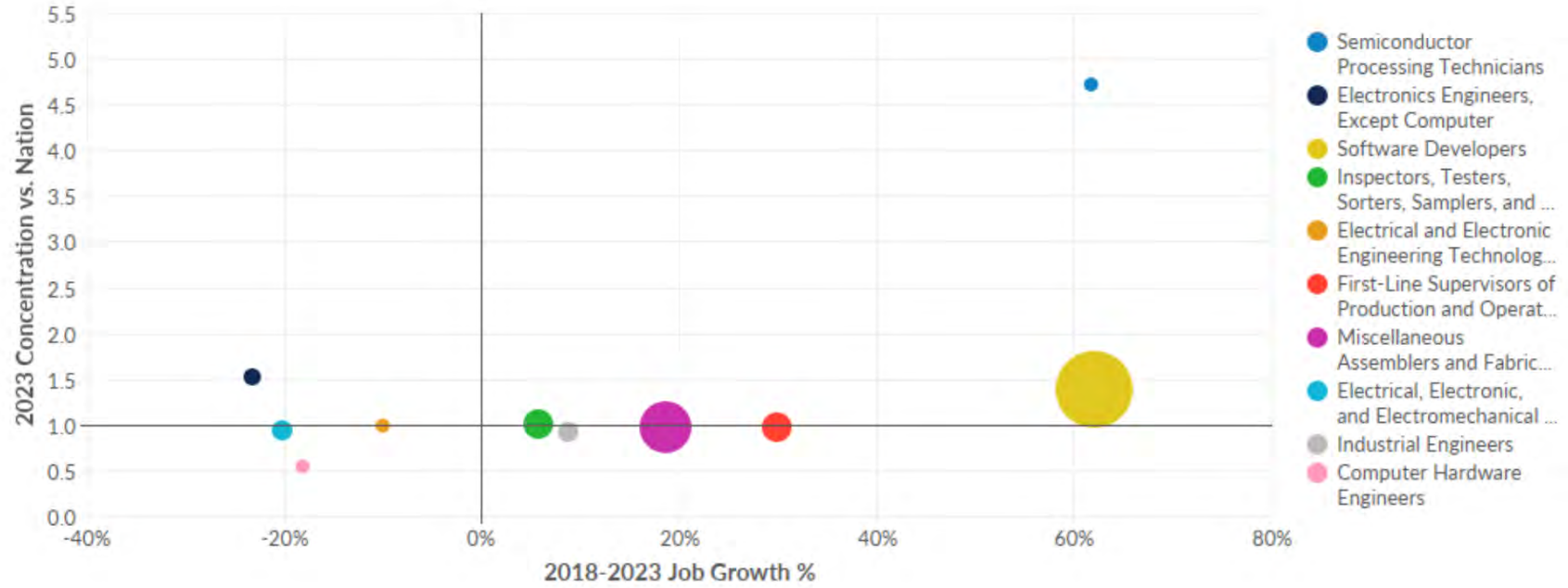


Region	2018 Jobs	2023 Jobs	2028 Jobs	Change	2018-2023 Growth %	2023-2028 Growth %
● Dallas-Fort Worth-Arlington, TX	15,975	17,418	18,430	2,455	9.0%	5.8%
■ Nation	185,875	205,647	222,791	36,916	10.6%	8.3%

Metroplex Career Spread

Workforce Availability

Key occupations for Semiconductor and Related Device Manufacturing have an overall concentration of 1.48, indicating above average workforce availability. These occupations experienced overall job growth of 26.0% from 2018-2023, indicating that the regional talent pool is increasing.



Supply Chain Status Snapshot

81%

Satisfied In-Region

81% of the goods and services that Semiconductor and Related Device Manufacturing require to operate are provided within the region.

NAICS	Industry	Total Requirements	% Satisfied In-Region
334413	Semiconductor and Related Device Manufacturing*	\$159,585,096	99.8%
551114	Corporate, Subsidiary, and Regional Managing Offices	\$50,624,423	97.7%
541110	Offices of Lawyers	\$49,936,565	97.2%
221122	Electric Power Distribution	\$29,725,165	90.9%
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers	\$29,229,375	70.9%
423690	Other Electronic Parts and Equipment Merchant Wholesalers	\$28,415,876	84.3%
331410	Nonferrous Metal (except Aluminum) Smelting and Refining	\$18,853,908	19.4%
561320	Temporary Help Services	\$18,635,231	100.0%
541611	Administrative Management and General Management Consulting Services	\$17,150,392	100.0%
531110	Lessors of Residential Buildings and Dwellings	\$13,849,215	84.6%

Semiconductor Processing Technicians

- The count of technician roles in the industry has increased by over 61.7% since 2018. The DFW region is currently host to 3,400 technician positions.
- DFW's technician concentration is 4.72 times that of the national level. This means there are 372% more jobs in this sector in the metroplex than in an average region of the United States.
- Median earnings currently reach \$18.37 per hour.
- Males make up 68.3% of current positions, while those 45-54 years old make up the largest grouping by age (24.0%).

Technician Earnings Profile

\$18.16/hr

Average Earnings

\$15.50/hr

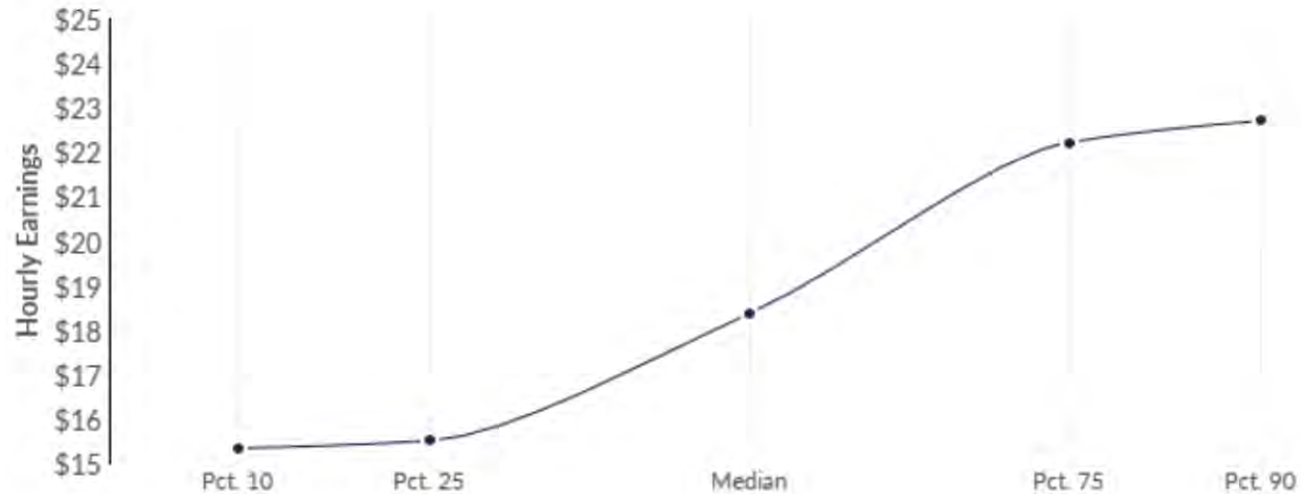
25th Percentile Earnings

\$18.37/hr

Median Earnings

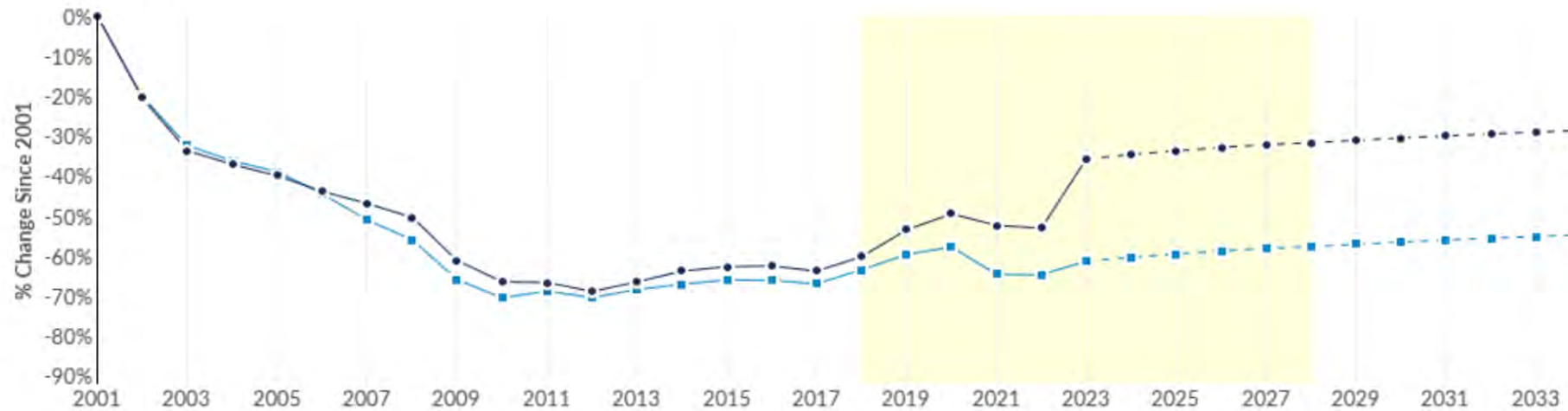
\$22.22/hr

75th Percentile Earnings



Technician Employment Trends

Regional Trends



Region	2018 Jobs	2023 Jobs	2028 Jobs	Change	2018-2023 Growth %	2023-2028 Growth %
● Dallas-Fort Worth-Arlington, TX	2,103	3,400	3,615	1,512	61.7%	6.3%
■ Nation	26,405	27,984	30,615	4,210	6.0%	9.4%

Top Companies



CHIPS Acts

- After the passage of the Biden-Harris administration's national CHIPS and Science Act in 2022, Governor Greg Abbott followed suit with a similar program designed to further strengthen and develop semiconductor manufacturing specifically within the Lone Star State.
- Upon adoption, the state legislature earmarked \$698.3 million for the Texas Semiconductor Innovation Fund (TSIF) created by the act.
- Abbott's program led to the establishment of the 'Texas Semiconductor Innovation Consortium executive committee'. Inaugurated at UT Dallas, the committee is a specialized panel of academic and industry experts responsible for planning semiconductor manufacturing, research, education, and investment across the state.
- For more information, please visit <https://www.keranews.org/science-technology/2024-03-20/gov-greg-abbott-first-executive-committee-texas-semiconductor-innovation-consortium>

Questions or comments?

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economicdevelopment@utdallas.edu

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