

# High-Tech

In 1958, Dallas led the nation into the new era of information and communication technologies with Nobel Laureate Jack Kilby’s invention of the microchip at Texas Instruments. This invention spurred the development of technologies ranging from laptop computers to smartphones to those that make space travel possible.

The DFW technology industry encompasses four general categories: manufacturing, information services, professional and technical services, and bio-life science. The region’s activity in emerging technologies such as next generation wireless and broadband communications, artificial intelligence, and virtual reality, as well as medical, bio, and life sciences, is gaining national recognition.

## The 5<sup>th</sup> Largest Concentration of High-Tech Jobs in the U.S.

2022 High-Tech Employment		
New York-Newark-Jersey City, NY-NJ-PA	512,386	
Washington-Arlington-Alexandria, DC-VA-MD-WV	382,262	
Los Angeles-Long Beach-Anaheim, CA	382,015	
San Francisco-Oakland-Berkeley, CA	293,315	
<b>Dallas-Fort Worth-Arlington, TX</b>	<b>278,057</b>	
Boston-Cambridge-Newton, MA-NH	269,920	
Seattle-Tacoma-Bellevue, WA	261,133	
Chicago-Naperville-Elgin, IL-IN-WI	242,615	
San Jose-Sunnyvale-Santa Clara, CA	236,152	
Houston-The Woodlands-Sugar Land, TX	207,329	

## The Information Age Was Born in DFW

### Top Companies with Operations in Dallas-Fort Worth

#### Semiconductor Design and Manufacturing

- Analog Devices  
Diodes  
Globitech  
Micron Technology  
Mouser Electronics  
Qorvo  
STMicroelectronics  
Texas Instruments
- Gearbox Entertainment  
HCL Technologies  
Hitachi Consulting  
IBM  
Infosys  
Intuit  
McAfee  
Microsoft  
NTT Data  
Oracle  
RealPage  
Salesforce  
Solera  
Splunk  
Toyota Connected  
Trend Micro  
Tyler Technologies  
Wipro  
ZIX Corp

#### Telecommunications Equipment and Services

- AT&T  
BT Americas  
Cisco Systems  
Ericsson  
Frontier Communications  
Fujitsu Network Communications  
Huawei Technologies  
L3 Aerospace Systems  
Mavenir  
Metro by T-Mobile  
Motorola Solutions  
NEC Corporation  
Nokia Solutions and Networks  
Ribbon Communications  
Samsung Electronics America  
Tech Mahindra  
Verizon Communications

#### Electronic Instrument Manufacturing

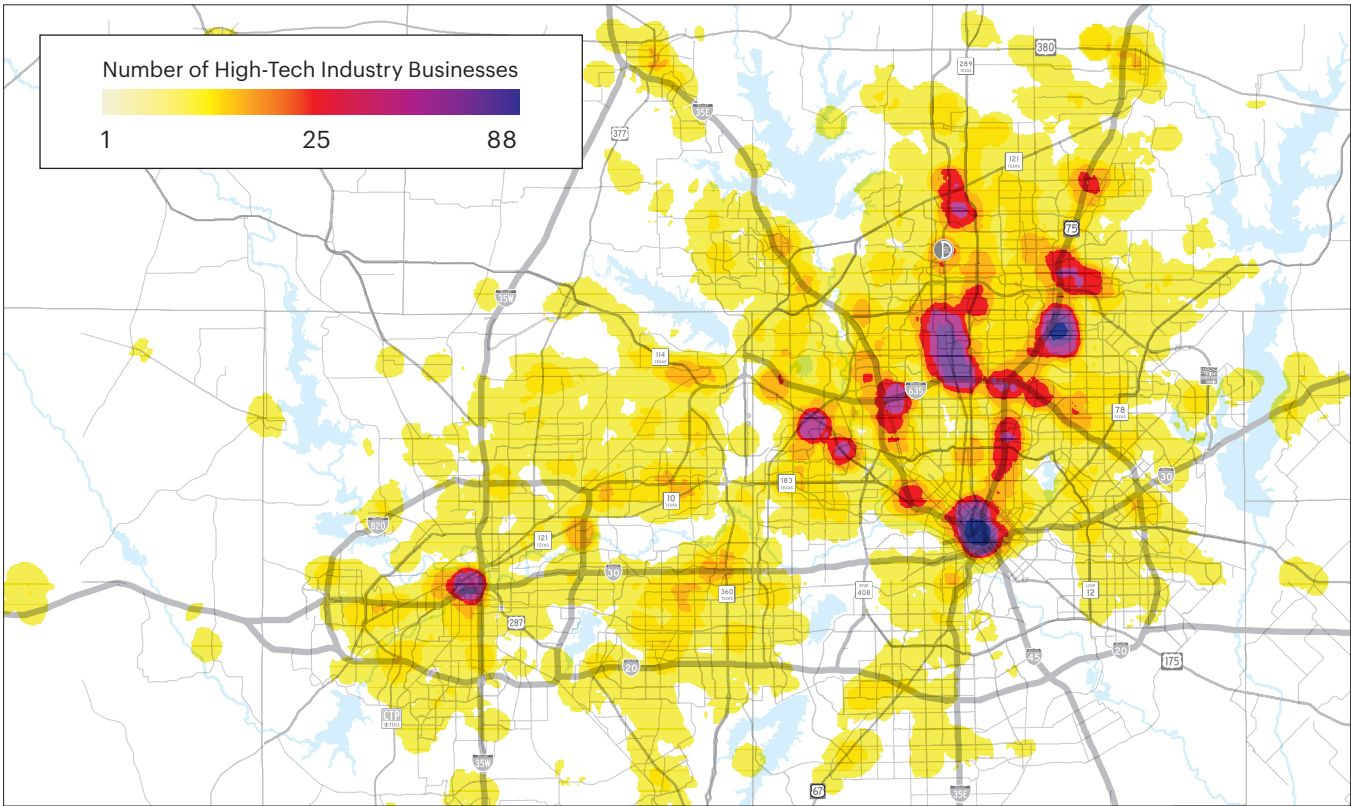
- BAE Systems  
Collins Aerospace  
Elbit Systems of America  
Fossil Group  
Honeywell  
L3Harris Technologies  
Leonardo DRS Technologies  
Lockheed Martin  
Megger Group  
Raytheon  
Sanmina  
Schneider Electric  
Siemens
- ADP  
Amazon  
AT&T  
Atos  
CyrusOne  
Cyxtera  
DataBank  
Digital Realty Trust  
Equinix  
Evoque  
Facebook  
Google  
HP Enterprise Services  
IBM  
NTT Global Data Centers  
Rackspace Technology  
StackPath  
Tierpoint

#### Online Services and Shopping

- Amazon  
Chewy.com  
Cost Plus Drugs  
Facebook  
Hotels.com  
Match Group  
Sabre  
Thryv  
Travelocity  
Woot.com

#### Computer Systems and Software Development

- Accenture  
Alkami Technology  
Atos  
Cognizant  
Deloitte  
DXC Technology  
EY



### High-Tech Manufacturing

Industry	Establishments	Avg. Employment
Semiconductor Machinery Manufacturing	10	288
Optical Instrument and Lens Manufacturing	11	185
Computer and Electronic Product Manufacturing	545	44,199
Aerospace Product and Parts Manufacturing	120	31,583
<b>Subtotal</b>	<b>686</b>	<b>76,255</b>

### Information Services

Industry	Establishments	Avg. Employment
Software Publishers	677	12,645
Telecommunications	927	33,426
Data Processing, Hosting, and Related Services	654	14,467
Internet Publishing and Broadcasting and Web Search Portals	268	3,922
<b>Subtotal</b>	<b>2,526</b>	<b>64,460</b>

### Bio Sciences & Medical Technology

Industry	Establishments	Avg. Employment
Basic Chemical Manufacturing	64	2,196
Pharmaceutical and Medicine Manufacturing	77	5,012
Medical Equipment and Supplies Manufacturing	252	6,264
Scientific Research and Development Services	467	6,753
<b>Subtotal</b>	<b>860</b>	<b>20,225</b>

### Professional & Technical Services

Industry	Establishments	Avg. Employment
Engineering Services	1,483	26,272
Testing Laboratories	205	3,276
Computer Training	66	370
Computer Systems Design and Related Services	8,835	101,876
<b>Subtotal</b>	<b>10,589</b>	<b>131,794</b>
<b>Total for all sectors</b>	<b>14,661</b>	<b>292,734</b>

Source: Lightcast, Bureau of Labor Statistics

**Legend:**

**Occupation**

Jobs | Median hourly earnings

**Computer Systems Analysts**  
20,834 | \$48.48

**Computer Network Support Specialists**  
5,780 | \$36.94

**Computer Network Architects**  
7,004 | \$57.85

**Software Developers**  
46,946 | \$57.46

**Aerospace Engineers**  
3,111 | \$49.04

**Computer Hardware Engineers**  
2,073 | \$59.00

**Electrical Engineers**  
5,104 | \$48.57

**Mechanical Engineers**  
6,043 | \$47.83

**Industrial Engineering Technologists and Technicians**  
1,440 | \$29.46

**Semiconductor Processing Technicians**  
2,260 | \$17.17