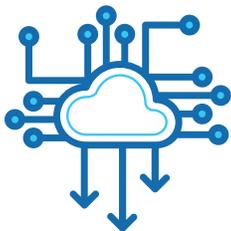


POWERING INNOVATION, DRIVING GROWTH >

Technology shapes the economy in every American community.
Here's how the tech sector looks in Maryland's 8th Congressional District.

MARYLAND 8

Economic growth and good jobs depend on innovation, productivity, and competitiveness in advanced, traded-sector industries. High-tech goods and services are especially important in that respect: Having a high concentration of high-tech workers and exports supports a strong economy.



HIGH-TECH GOODS AND SERVICES

	MD-8	Median U.S. District	Economically Similar Districts
High-tech manufacturing exports	\$383M	\$547M	\$1.35B
High-tech share of all manufacturing exports	48.70%	28.08%	39.19%
IT services exports	\$520M	\$139M	\$589M
IT share of all services exports	28.12%	10.84%	22.15%
High-tech sector workers	58,346	24,124	49,033
High-tech share of total workforce	19.21%	8.92%	14.06%

The high-tech economy is driven by workers with advanced science and engineering skills. These highly skilled workers are critical to the success of innovation-oriented industries, and their presence is a key indicator of broadly shared economic prosperity.



SKILLED WORKFORCE

	MD-8	Median U.S. District	Economically Similar Districts
STEM workers	52,472	17,151	31,383
STEM share of total workforce	17.28%	6.23%	9.32%
Computer and math workers	29,747	8,513	18,014
Computer and math share of workforce	9.79%	3.18%	5.27%
Science and engineering workers	13,895	2,494	4,673
Science and engineering share of total workforce	4.57%	0.93%	1.41%
Public R&D funding	\$2.08B	\$81M	\$3.46B
High-tech sector wages	\$5.62B	\$1.85B	\$5.77B
High-tech sector share of total wages	32.10%	13.26%	23.82%

Dynamic, fast-growing companies help power growth and prosperity. The high-tech sector has a disproportionate share of these companies—and their products and services enable growth in other sectors. High-tech start-ups thus serve as indicators of innovation and dynamism.



INNOVATIVE YOUNG COMPANIES

	MD-8	Median U.S. District	Economically Similar Districts
High-tech start-ups	310	297	717
High-tech start-ups per 10,000 workers	10.21	11.37	21.34
High-tech start-up sales	\$401M	\$399M	\$1.43B
High-tech start-up sales per worker	\$178,980	\$175,689	\$217,498
High-tech start-up employment	2,242	2,286	6,497
High-tech start-up share of total employment	0.74%	0.86%	1.91%

Explore the data at itic.org/powering-innovation.