BUILDING AMERICA’S INNOVATION ECONOMY

Maintaining a vibrant U.S. semiconductor industry is critical to America’s continued strength. For over 40 years, SIA has represented the semiconductor industry, one of America’s top export sectors and a key driver of our country’s economic strength, national security, and global technology leadership. SIA members account for about 95 percent of all U.S. semiconductor industry sales.

**SEMIConDuctors are the Brains of modern electronics**, enabling advances in communications, computing, health care, defense, transportation, clean energy, and technologies of the future such as artificial intelligence, quantum computing, and advanced wireless networks.

**The U.S. Semiconductor Industry is the Worldwide Industry Leader** with about half of global market share and sales of $193 billion in 2019.

**The Semiconductor Industry Directly Employs Nearly a Quarter of a Million People in the U.S.** and supports more than one million additional U.S. jobs.

**Nearly Half of U.S. Semiconductor Manufacturers’ Production is Done in the United States**, and 19 states are home to major semiconductor manufacturing facilities.

**Semiconductors Are a Top-5 U.S. Export**, along with airplanes, refined oil, crude oil, and cars. More than 80% of U.S. semiconductor companies’ sales are to overseas customers. The United States exported $46 billion in semiconductors in 2019 and maintains a consistent trade surplus in semiconductors.

**The U.S. Semiconductor Industry Annually Invests About One-Fifth of its Revenue into R&D** - the second-highest share of any major U.S. industry, behind only the pharmaceutical industry.

**Rapid Innovation Has Enabled the Semiconductor Industry to Produce Exponentially More Advanced Products at a Lower Cost**, a principle known as Moore’s Law. A single smartphone today has far more computing power than the computers used by NASA to land a person on the moon in 1969.

**The U.S. Semiconductor Industry is America’s #1 Contributor to Labor Productivity Growth.** Semiconductor technology has made virtually all sectors of the U.S. economy - from farming to manufacturing - more effective and efficient.