Maryland Manufacturing Today

Manufacturing in Maryland today is evolutionary. The state's dynamic, diverse and high caliber industry sectors—aerospace and defense, information technology, cybersecurity, biotechnology and sustainability—are energizing the emergence of new products and services while transforming manufacturing and production for the 21st century and beyond.

With an enviable strategic location, a highly skilled workforce, excellent education system, superior transportation infrastructure and desirable quality of life, Maryland provides more opportunities per square mile to start, locate, or expand your business.

WORKFORCE

Home to one of the top educational systems growing an experienced and industrious workforce, Maryland offers:
• An abundant labor force of available skilled workers in a broad range of industries
• The highest proportion of doctoral scientists and engineers in the nation
• The second highest concentration of professional and technical workers among the states (27.7%)

Employment Advancement Right Now (EARN)

A valuable asset to Maryland's manufacturers is Maryland's Employment Advancement Right Now (EARN) initiative, a new state-funded, industry-led, workforce training grant program. EARN is designed to ensure that Maryland employers have the talent they need to compete and grow. For more information: www.earn.maryland.gov

EDUCATION

virtually every kind of training and research required by business and industry can be obtained from Maryland's higher education network of 57 accredited colleges and universities that include:
• University System of Maryland's eleven campuses
• Johns Hopkins University, with particular strengths in information sciences and biotechnology
• University of Maryland's Biotechnology Institute, the Maryland Technology Enterprise Institute at College Park, and the Johns Hopkins University Applied Physics Laboratory

Maryland Industrial Partnerships (MIPS)

University of Maryland's technology incubator Mtech and the Maryland Industrial Partnerships (MIPS) program accelerate the commercialization of technology in Maryland by jointly funding collaborative R&D projects between companies and University System of Maryland faculty. Since 1987, more than 400 Maryland companies have participated in project awards worth over $180 million, generating more than $25.2 billion in sales.

TRANSPORTATION

With its strategic, Mid-Atlantic location and world-class, multi-modal transportation facilities, Maryland plays a formidable role in transportation throughout the eastern United States. From central Maryland, businesses are within overnight reach of one-third of the nation's population (100 million consumers) and industrial base.

• A major airport, and one of the fastest growing in the nation, Baltimore/Washington International Thurgood Marshall (BWI), features an international terminal serving as a Maryland gateway to the world. Washington Dulles International, Ronald Reagan National and Philadelphia International Airport are also easily accessible.

• Located closer to the Midwest than any other seaport, the Port of Baltimore provides a location with connections to six interstate highways, including the East Coast's major thoroughfare, the I-95 system. A new intermodal facility at the Port of Baltimore is slated for completion in 2015.

• The Port of Baltimore is one of America's busiest international deep-water ports. New supersized Panamax cargo cranes, a 50-foot container berth and a 50-foot channel make the port one of only two East Coast ports able to accommodate the largest cargo ships in the world.

• More than 1,500 Maryland located truck transportation companies move 90 percent of the manufactured freight traveling in and out of Maryland each year, as well as 75 percent of goods shipped through the Port of Baltimore.

• A modern freight rail system meets shipper demands for fast, efficient service to all U.S. interior points, Canada and Mexico. Long haul freight service is provided by CSX Transportation, Norfolk Southern, and a connecting network of five short lines.

Maryland's 16 community colleges operate a network of 23 campuses and numerous workforce training centers throughout the state.
For more information about Advanced Manufacturing in Maryland, contact:

Carl Livesay, Program Manager, Manufacturing
Office of Strategic Industries & Innovation
Maryland Department of Business & Economic Development
clivesay@ChooseMaryland.org
410.456.4260

## QUALITY OF LIFE

A great place to raise a family, Maryland residents enjoy a broad range of lifestyles and activities in convenient reach of major metropolitan areas. The state offers an outstanding quality of life with residents enjoying one of the nation’s highest median incomes, one of the best public school systems in the U.S. and access to some of the world’s most advanced healthcare in the world.

- Maryland’s K-12 public school system ranks first in the nation—six years in a row.
- Maryland ranks fifth among the states in per capita personal income, $53,816 in 2012.
- Maryland has the third lowest poverty rate for 2012, with 10.3% of the population living in poverty, compared with 15.9% for the U.S. as a whole.
- Johns Hopkins Hospital ranks first in the U.S. News honor roll of best hospitals in the nation, demonstrating outstanding competence in fifteen specialties.

Maryland’s Advanced Manufacturing Ecosystem

A sampling of manufacturing companies in Maryland utilizing advanced materials and technologies, including the state’s unique unmanned, autonomous and sensor community.

- Light Point Security – Cybersecurity
- Saluki – Cybersecurity
- Somantec – Cybersecurity
- FLIR Systems – Sensors
- Femto Thrusters – Sensors
- Accurata – Defense & Intelligence
- Smith Detection – Defense & Intelligence
- Service Engineering – Defense & Intelligence
- ATK – Aeronautics
- IMI Defense – Aeronautics
- Lockheed Martin – Aeronautics
- Northrop Grumman – Aeronautics
- Thales/ALL – GMR
- LHB Solutions – GMR
- General Dynamics – Robotics
- ManTech – Robotics
- Techci – Communications
- Clear – Communications
- Prime Electronic – Communications
- Breakaway – Interactive Technologies
- Vision Genie – Interactive Technologies
- Tex Pile – Additives Mfg.
- GenaFlex – Additives Mfg.
- Prime Mfg. Technologies – Additives Mfg.
- Service Mentality – Additives Mfg.
- KSA North America – Electronics
- Polystar – Electronics
- MC Auto – Electronics
- Vantech – Composites
- L-3 Communications – Marine
- Fibersite – Fiber Optic Equipment
- Belaret – Plastics
- Maryland Thermoform – Plastics

Maryland of Opportunity

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