

MANUFACTURING INDUSTRY OVERVIEW



BENEFICIAL BLENDS

Manufacturing has a long history in Tampa Bay, where it is a source of innovation for a wide range of industries, and it hasn't slowed down. One of the region's greatest business success stories over the past decade is the growth of the manufacturing sector.

Florida ranks among the nation's top 10 states for manufacturing, according to Enterprise Florida, and the Tampa Bay region has the second largest manufacturing employment in the state. Over the last five years, manufacturing employment rose by more than 5% and average annual wages went up by 25%.

The region is home to the global headquarters of several leading manufacturing firms including Bertram Yachts, The Mosaic Company, Advanced Airfoil Components and Coca-Cola Beverages Florida. The Tampa Bay area's fast-growing population, pro-business climate, robust talent pipeline, and convenient location on the busy I-4 warehouse, distribution and logistics corridor has attracted more than 2,800 manufacturing firms, employing more than 69,000 people.

Whether it's addressing precise military specifications, developing medical devices, or addressing sustainability efforts, local firms are advancing modern manufacturing technology and making an impact across the globe.

“TAMPA HAS ALWAYS AFFORDED ME THE OPPORTUNITIES TO BE CLOSELY CONNECTED TO BOTH BUSINESS AND COMMUNITY

LEADERS, WHO I'VE BEEN ABLE TO LEARN FROM AND WHO HAVE HELPED ME CONTINUE TO GROW BENEFICIAL BLENDS.”

- ERIN MEAGHER, FOUNDER AND CEO, BENEFICIAL BLENDS

TAMPA BAY'S LEADING MANUFACTURING COMPANIES:



- Amalie Oil Company
- Bausch + Lomb
- Chromalloy Castings
- GE Energy
- Gerdau
- Johnson Controls
- Masonite
- Metrohm
- Tampa Armature Works
- Tampa Tank and Florida Structural Steel

MANUFACTURING INDUSTRY OVERVIEW

TAMPA MSA

**MANUFACTURING INDUSTRY
SECTOR ESTABLISHMENTS:
6,222**

Source: D&B Hoovers | Establishments
Note: 2017 NAICS from D&B Hoovers Independent company type
were used to calculate number of establishments

NAICS	Manufacturing Sectors	TAMPA MSA
311	Food Manufacturing	847
312	Beverage and Tobacco Product Manufacturing	113
323	Printing and Related Support Activities	1,008
325	Chemical Manufacturing	517
326	Plastics and Rubber Products Manufacturing	166
327	Nonmetallic Mineral Product Manufacturing	253
331	Primary Metal Manufacturing	100
332	Fabricated Metal Product Manufacturing	757
333	Machinery Manufacturing	613
334	Computer and Electronic Product Manufacturing	439
335	Electrical Equipment, Appliance, and Component Manufacturing	206
336	Transportation Equipment Manufacturing	380
337	Furniture and Related Product Manufacturing	823
TOTAL		6,222

EMPLOYED BY INDUSTRY

AVERAGE WAGES BY INDUSTRY

NAICS CODE	MANUFACTURING INDUSTRY SECTORS	TAMPA MSA	FLORIDA	AVERAGE WAGES BY INDUSTRY	
				TAMPA MSA	USA
311	Food Manufacturing	4,709	36,118	\$49,188 \$53,860	
312	Beverage and Tobacco Product Manufacturing	2,938	12,528	\$67,614 \$56,609	
323	Printing and Related Support Activities	2,811	15,575	\$56,428 \$52,654	
325	Chemical Manufacturing	5,132	26,398	\$72,223 \$103,151	
326	Plastics and Rubber Products Manufacturing	3,287	14,026	\$50,639 \$59,579	
327	Nonmetallic Mineral Product Manufacturing	3,195	22,886	\$62,362 \$64,458	
331	Primary Metal Manufacturing	1,589	5,290	\$59,803 \$74,317	
332	Fabricated Metal Product Manufacturing	6,514	42,304	\$55,798 \$61,758	
333	Machinery Manufacturing	6,086	31,132	\$74,869 \$75,797	
334	Computer and Electronic Product Manufacturing	10,239	45,086	\$94,321 \$146,270	
335	Electrical Equipment, Appliance, and Component Manufacturing	3,171	10,044	\$61,984 \$75,197	
336	Transportation Equipment Manufacturing	3,862	51,193	\$58,408 \$79,616	
337	Furniture and Related Product Manufacturing	2,013	14,580	\$47,169 \$49,991	
TOTAL EMPLOYED		55,547	327,161	AVERAGE WAGES	\$62,370 \$73,328

Source: Chmura JobsEQ Q3 2021 | Employment and Average Wages Per Worker

MANUFACTURING INDUSTRY OVERVIEW

**#1 State for
new residents**
— U.S. Census Bureau, 2020

**#2 Best State for
Business**

— Chief Executive Magazine,
2022

EMPLOYED BY OCCUPATION

AVERAGE WAGES BY OCCUPATION

SOC	Manufacturing Occupations	Tampa MSA	FLORIDA	AVERAGE WAGES BY OCCUPATION	
				TAMPA MSA	USA
51-1010	First-Line Supervisors of Production and Operating Workers	3,963	24,443	\$61,900 \$66,800	
51-2020	Electrical, Electronic, and Electromechanical Assemblers	2,588	11,873	\$32,900 \$38,800	
51-2040	Structural Metal Fabricators and Fitters	440	3,058	\$34,000 \$44,800	
51-4080	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	551	3,267	\$37,900 \$39,800	
51-4020	Forming Machine Setters, Operators, and Tenders, Metal and Plastic	379	2,059	\$45,600 \$41,100	
51-4040	Machinists	1,764	10,393	\$40,600 \$47,800	
51-4110	Tool and Die Makers	228	1,213	\$52,100 \$55,500	
51-4120	Welding, Soldering, and Brazing Workers	2,597	17,432	\$42,800 \$46,300	
51-9060	Inspectors, Testers, Sorters, Samplers, and Weighers	3,566	21,863	\$43,100 \$44,600	
51-9110	Packaging and Filling Machine Operators and Tenders	2,553	15,815	\$31,400 \$35,200	
51-2090	Miscellaneous Assemblers and Fabricators	7,624	48,803	\$34,300 \$36,000	
17-2140	Mechanical Engineers	1,551	9,532	\$83,900 \$95,600	
13-1000	Business Operations Specialists	65,124	405,069	\$70,400 \$78,900	
49-9040	Industrial Machinery Installation, Repair, and Maintenance Workers	2,716	18,344	\$55,000 \$56,800	
51-9160	Computer Numerically Controlled Tool Operators and Programmers	912	5,441	\$42,300 \$46,700	
53-7060	Laborers and Material Movers	51,814	380,092	\$28,900 \$32,000	
51-9190	Miscellaneous Production Workers	3,649	24,135	\$33,600 \$35,700	
TOTAL EMPLOYED		152,018	1,002,831	AVERAGE WAGES \$45,335 \$49,553	

Source: Chmura JobsEQ Q3 2021 | Employment and Average Wages Per Worker

Tampa Bay's manufacturing industry

continues to grow with a 5% employment increase over the last five years. A local workforce of 69,000 help manufacture everything from advanced machinery components and alternative fuels to custom, luxury boats and medical devices.

Hillsborough County is committed to providing a strong pipeline of skilled workers to fill the jobs created by our growing manufacturing firms.



The Manufacturing Alliance of Hillsborough County's

education curriculum and training programs are designed to meet the existing and emerging workforce needs of Hillsborough County manufacturers. Learners of all ages and skill levels train for the most exciting opportunities in the field today and prepare for the advances of tomorrow.



Middle and High School programs

prepare students for employment or advanced training in welding technology, robotics, machining technology and engineering. Upon completion, students have earned industry-recognized certifications and designations.



Hillsborough Community College offers degrees, certificates and apprenticeships associated with architecture and building trades, including industrial management technology, lean manufacturing, pipefitting, and welding technology. Engineering certificates to support a variety of

MANUFACTURING RELATED DEGREES

PROGRAMS AND OCCUPATIONS	DEGREE LEVEL	TAMPA MSA		FLORIDA	
		2016-2020 5-Year Total	5-Year % Growth	2016-2020 5-Year Total	5-Year % Growth
Business, Management, Marketing, and Related Support Services	Certificate < 1 Yr	3,089		72,739	
	Certificate 1+ but < 2 Yr	384		3,497	
	Associate's	1,751		14,249	
	Bachelor's	18,511		123,740	
	Master's	8,759		52,217	
TOTAL		32,494	1.5%	266,442	12.6%
Precision Production	Certificate < 1 Yr	44		4,172	
	Certificate 1+ but < 2 Yr	633		4,356	
TOTAL		677	164.8%	8,528	23.8%
Mechanic and Repair Technologies/Technicians	Certificate < 1 Yr	704		7,533	
	Certificate 1+ but < 2 Yr	912		12,791	
TOTAL		1,616	19.8%	20,324	22.7%
Engineering Technologies and Engineering-Related Fields	Certificate < 1 Yr	883		9,992	
	Certificate 1+ but < 2 Yr	550		3,915	
	Associate's	338		3,267	
	Bachelor's	0		2,080	
	Master's	254		1,317	
TOTAL		2,025	-20.8%	17,174	9.3%
Engineering	Associate's	0		364	
	Bachelor's	3,096		27,525	
	Master's	1,655		10,446	
TOTAL		4,751	30.7%	38,335	15.1%

Source: Chmura JobsEQ
Data as of the 2019-2020 academic year

manufacturing processes are available at HCC, such as automation, CNC machinist, engineering technology support specialist, robotics and simulation, and pneumatics, hydraulics and motors for manufacturing.

In addition to degree programs, HCC's Division of Workforce Development offers practical, effective, and affordable ways to build broad-based workforce systems to meet the labor needs in the Tampa Bay area. Individuals and companies can upgrade their skills and meet current demands in a wide variety of programs, such as welding technology, manufacturing, and engineering.



CareerSource Tampa Bay's CareerREADY

program provides short-term (six to twelve weeks) customized courses to meet the demand for specialized workers. Services are provided in partnership with Hillsborough County Community College and local partners/employers to integrate work-based learning opportunities and give participants real-time knowledge of work environments and practices. Courses are offered in welding and fabrication, mechatronics and robotics, and soldering and cabling.

MANUFACTURING ECOSYSTEM



**BAY AREA
MANUFACTURERS
ASSOCIATION (BAMA)**
www.bama-fl.org

BAMA provides a forum to exchange ideas and share best practice information, network with colleagues, and learn about manufacturing related topics through educational programs and tours. Additionally, BAMA supports the development of young talent by offering scholarships to students pursuing manufacturing and STEM education.



**MANUFACTURERS
ASSOCIATION
OF FLORIDA (MAF)**
www.mafmfg.com

MAF is a trade association comprised of manufacturers, manufacturing organizations, and associated businesses. The organization was organized in early 2006 to improve Florida's manufacturing business climate.



**SOCIETY OF MANUFACTURING
ENGINEERS (SME) TAMPA BAY**
www.smetampabay.org

MAF is a trade association comprised of manufacturers, manufacturing organizations, and associated businesses. The organization was organized in early 2006 to improve Florida's manufacturing business climate.



**NATIONAL TOOLING AND
MACHINING ASSOCIATION
(NTMA) FLORIDA WEST COAST
CHAPTER**
www.fwcntma.org

The National Tooling and Machining Association represents the precision custom manufacturing industry nationwide. The Florida West Coast chapter of the NTMA draws its members from Hillsborough, Pasco, Sarasota and Pinellas counties. Members range from one-person machine shops to companies with over one hundred employees, engaged in the design and manufacture of special tools, dies, jigs, fixtures, gauges, special machines and precision-machined parts. NTMA is a nonpartisan advocacy group and also serves as a source of information and resources for problem-solving in the manufacturing community.



**FLORIDA HIGH TECH
CORRIDOR**
www.floridahightech.com

Florida High Tech Corridor is a technology rich region with a mission to grow high tech industry and innovation through partnerships that support research, marketing, workforce, and entrepreneurship. The Florida High Tech Corridor Council is an economic development initiative of three of the country's largest research institutions: University of South Florida, University of Central Florida, and University of Florida.



**MANUFACTURING ALLIANCE
OF HILLSBOROUGH COUNTY**
www.madeinhillsborough.org

The Manufacturing Alliance of Hillsborough County fuels the growth and longevity of the local manufacturing sector. The alliance aims to cultivate the next generation of workers and leaders, to help businesses access talent and resources, and to help Hillsborough County flourish as a vital manufacturing hub today and well into the future.



FLORIDA MAKES
www.floridamakes.org

FloridaMakes is a statewide, industry-led, public-private partnership operated by an alliance of Florida's regional manufacturers associations with the sole mission of strengthening and advancing Florida's economy by improving the competitiveness, productivity and technological performance of its manufacturing sector, with an emphasis on small- and medium-sized firms. It accomplishes this by providing services focused on three principal value streams: technology adoption, talent development, and business growth. FloridaMakes is the representative of the Manufacturing Extension Partnership (MEP) National Network in the state of Florida, a program of the National Institute of Standards and Technology, an agency of the U.S. Department of Commerce. For more information about FloridaMakes, please visit FloridaMakes.com and follow @FloridaMakes.