

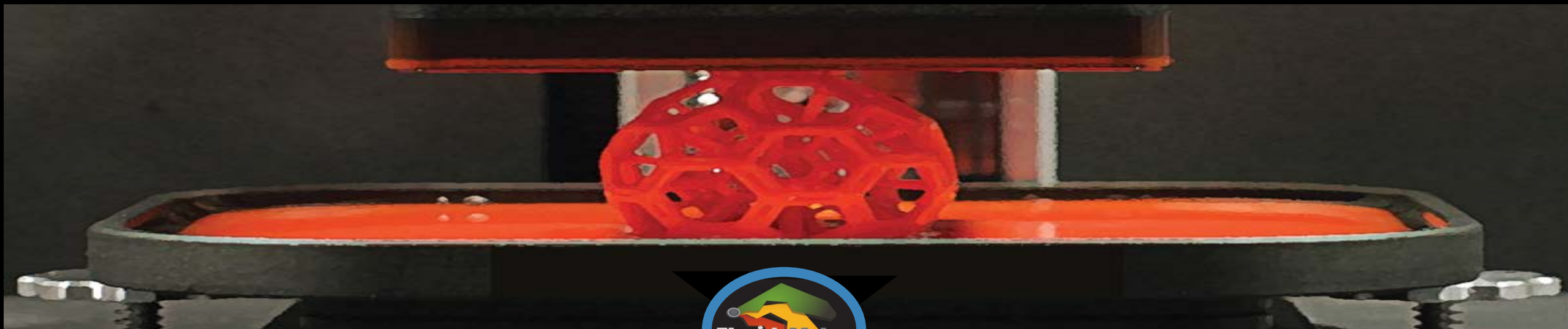


State of Manufacturing

Kevin Carr

FloridaMakes

September 27, 2018



Our mission

Improve the productivity and technological performance of Florida's manufacturing sector

Some Florida “ManuFacts”



**Average Wage
\$57,884**



**Manufacturing =
4.95% of Gross State Product**



**375,500
high-wage jobs**

Every \$1 in manufactured goods produces \$3.60 in other sectors.

**Manufacturing employment up 88
consecutive months**



**20,451 manufacturing
establishments**



**have 20 or fewer
employees**

Sources: Florida Department of Economic Opportunity, Bureau of Labor Market Statistics 2018 and
Manufacturers Alliance for Productivity and Innovation, 2016



GREATER ORLANDO
AVIATION AUTHORITY



Florida State
Minority Supplier
Development Council



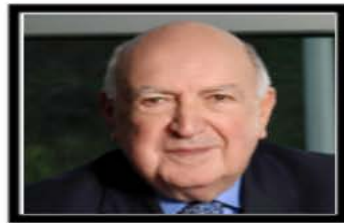
MEP
National
Network™



2018

**MAKE
MORE
MANUFACTURING
SUMMIT**

July 26, 2018
Orlando



Class of 2018

Florida Manufacturing Job Growth

Area	Last 4 Years: Jobs	Last 4 Years Percent Growth	Ranking		Last 3 Years: Jobs	Last 3 Years Percent Growth	Ranking
Florida	40,188	12.3%	#4 Jobs #2 Growth		31,062	9.3%	#3 Jobs #2 Growth
U.S.	422,840	3.5%	Florida Mfg. Growing at 3.5x U.S. Growth Rate		232,751	1.9%	Florida Mfg. Growing at 4.8x U.S. Growth Rate

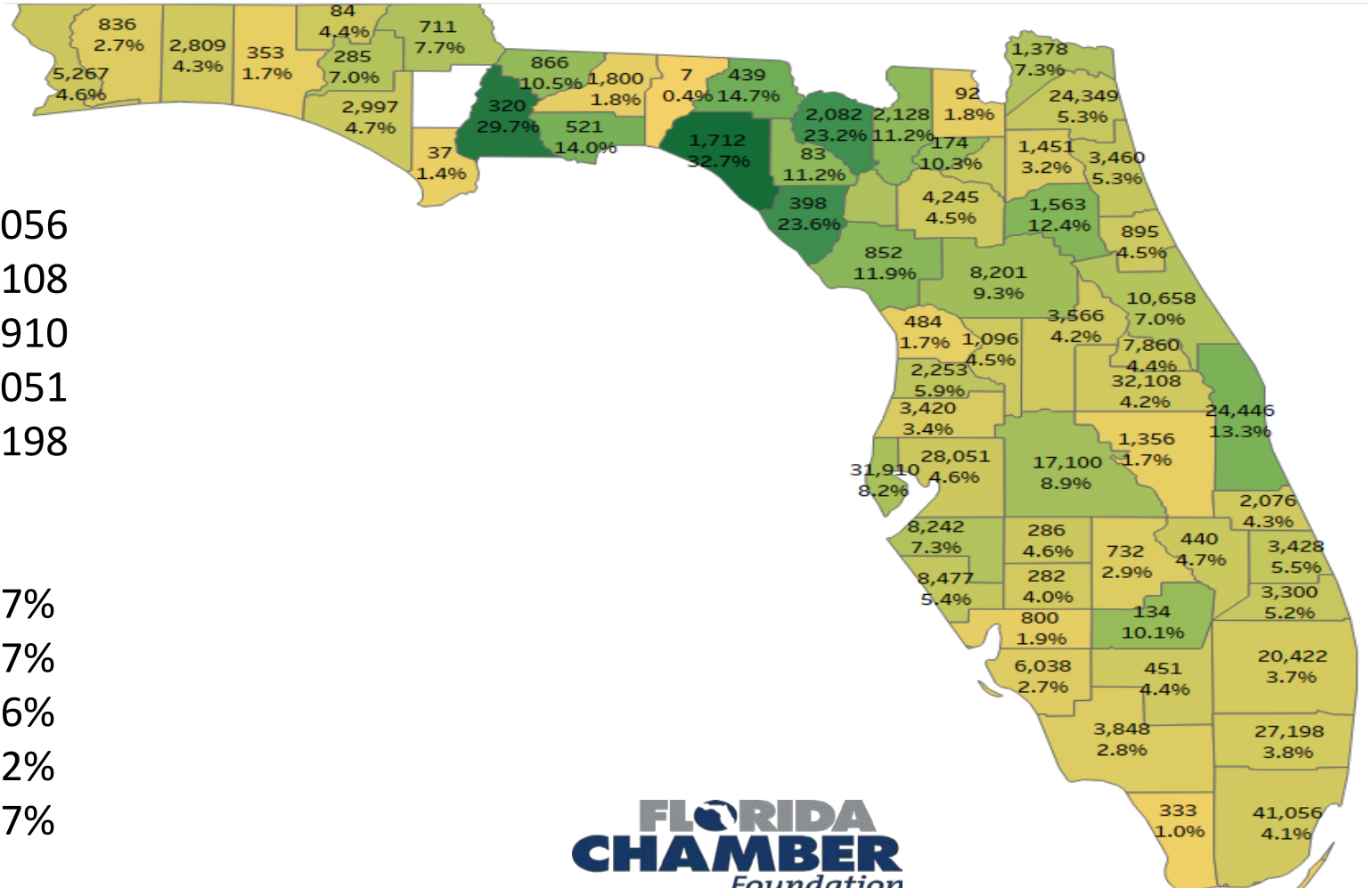
Florida Manufacturing Job Growth (by County)

Top Counties

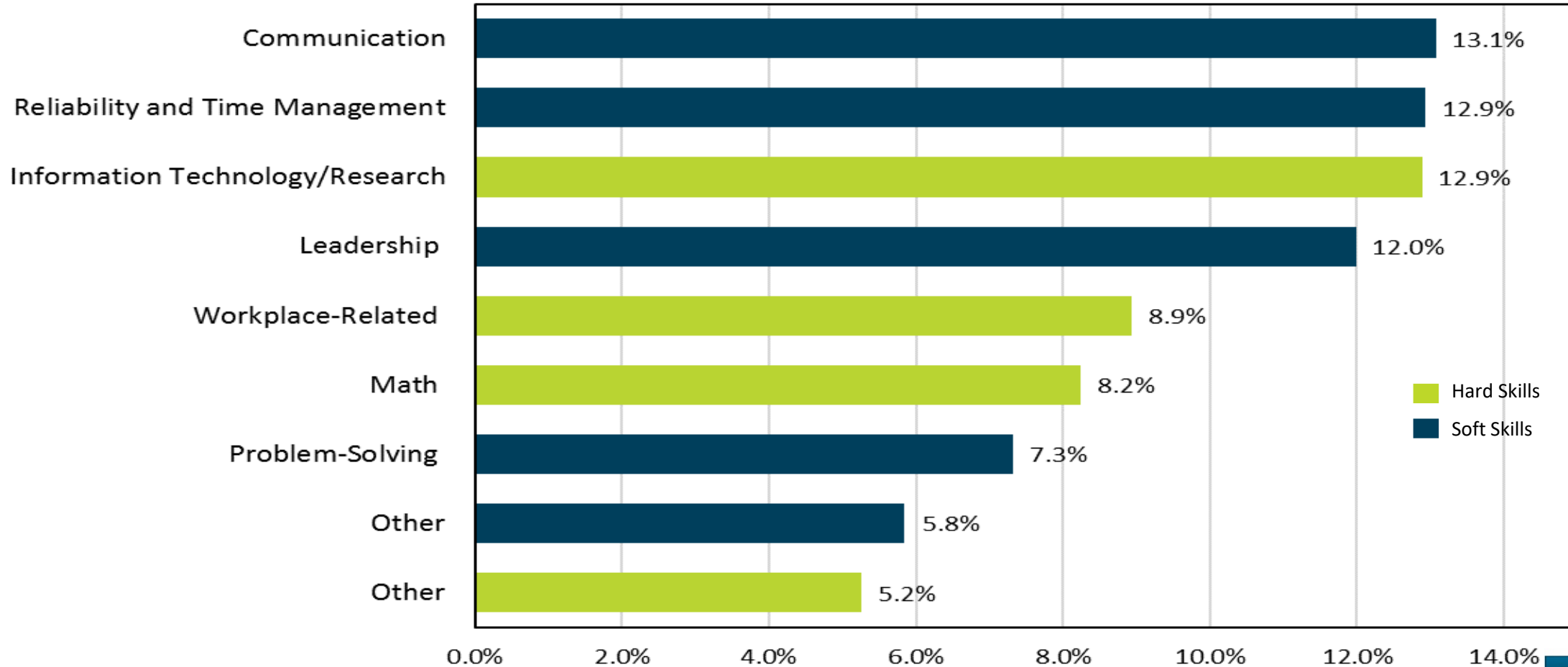
1. Miami-Dade	41,056
2. Orange	32,108
3. Pinellas	31,910
4. Hillsborough	28,051
5. Broward	27,198

Top Percentage of Jobs

1. Taylor	32.7%
2. Liberty	29.7%
3. Dixie	23.6%
4. Suwannee	23.2%
5. Madison	14.7%



SKILLS GAP & JOB VACANCY SURVEY



Source: Florida Department of Economic Opportunity, Bureau of Labor Market Statistics.

Manufacturing 5.0: The 5th Industrial Revolution

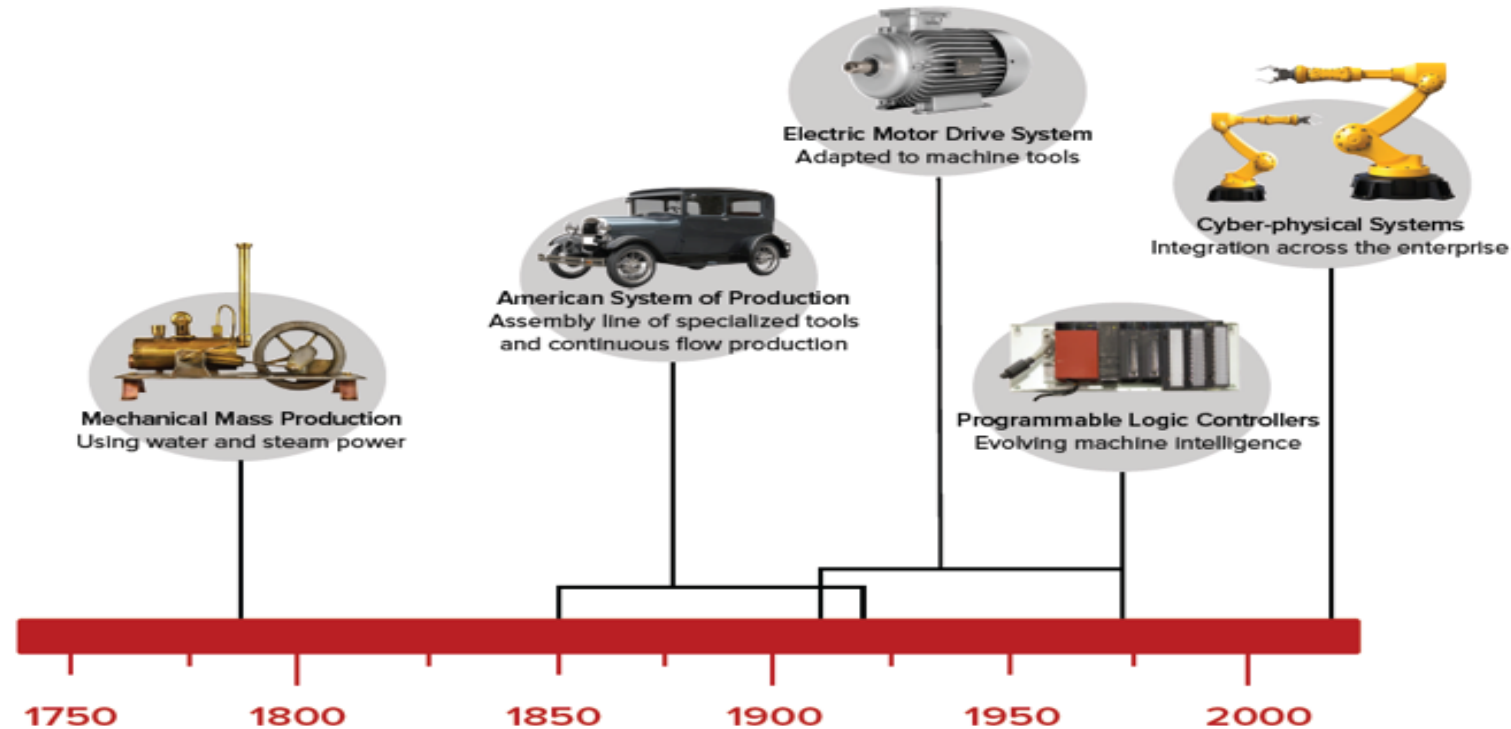
Operations Technologies

Changes

- Physical productivity
- Skill mix
- Layout
- Business organization
- Physical location
- Regional competitive advantage

Diffusion takes time

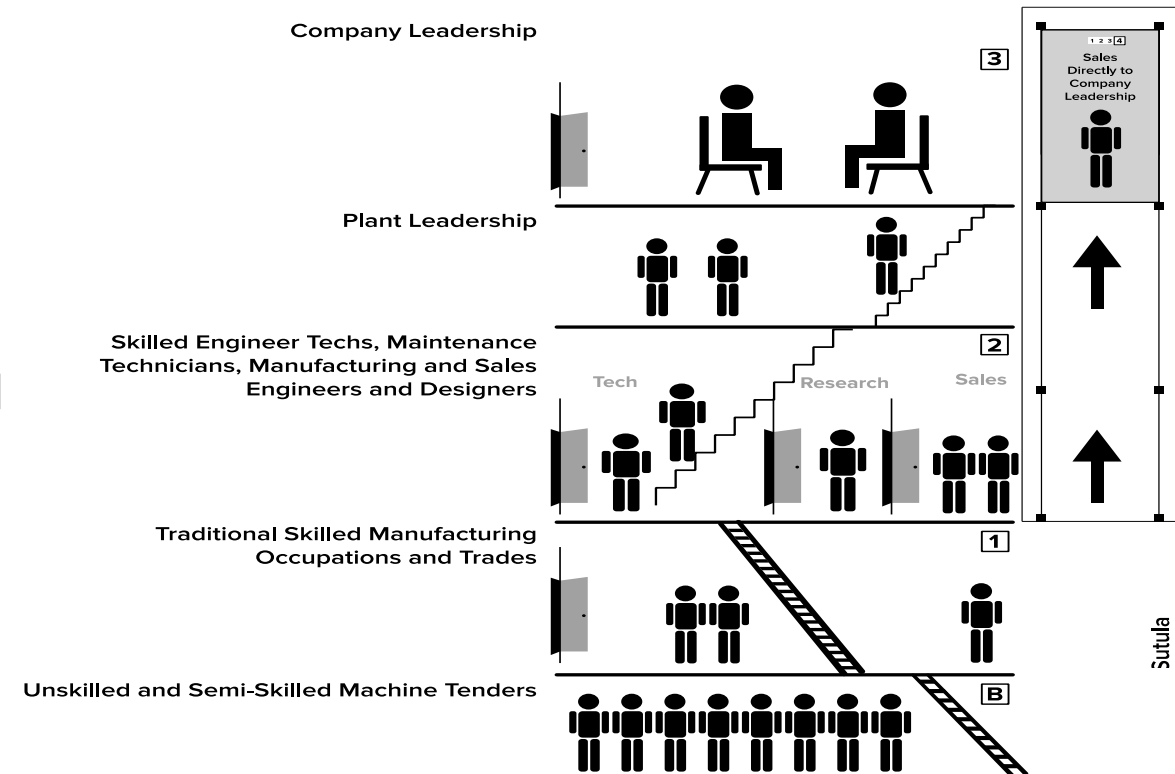
- Size of enterprise
- Push from labor shortages
- Pull of technology



Dr. Edward (Ned) Hill
Ohio State University

Manufacturing 5.0: Worker Skills & Competencies

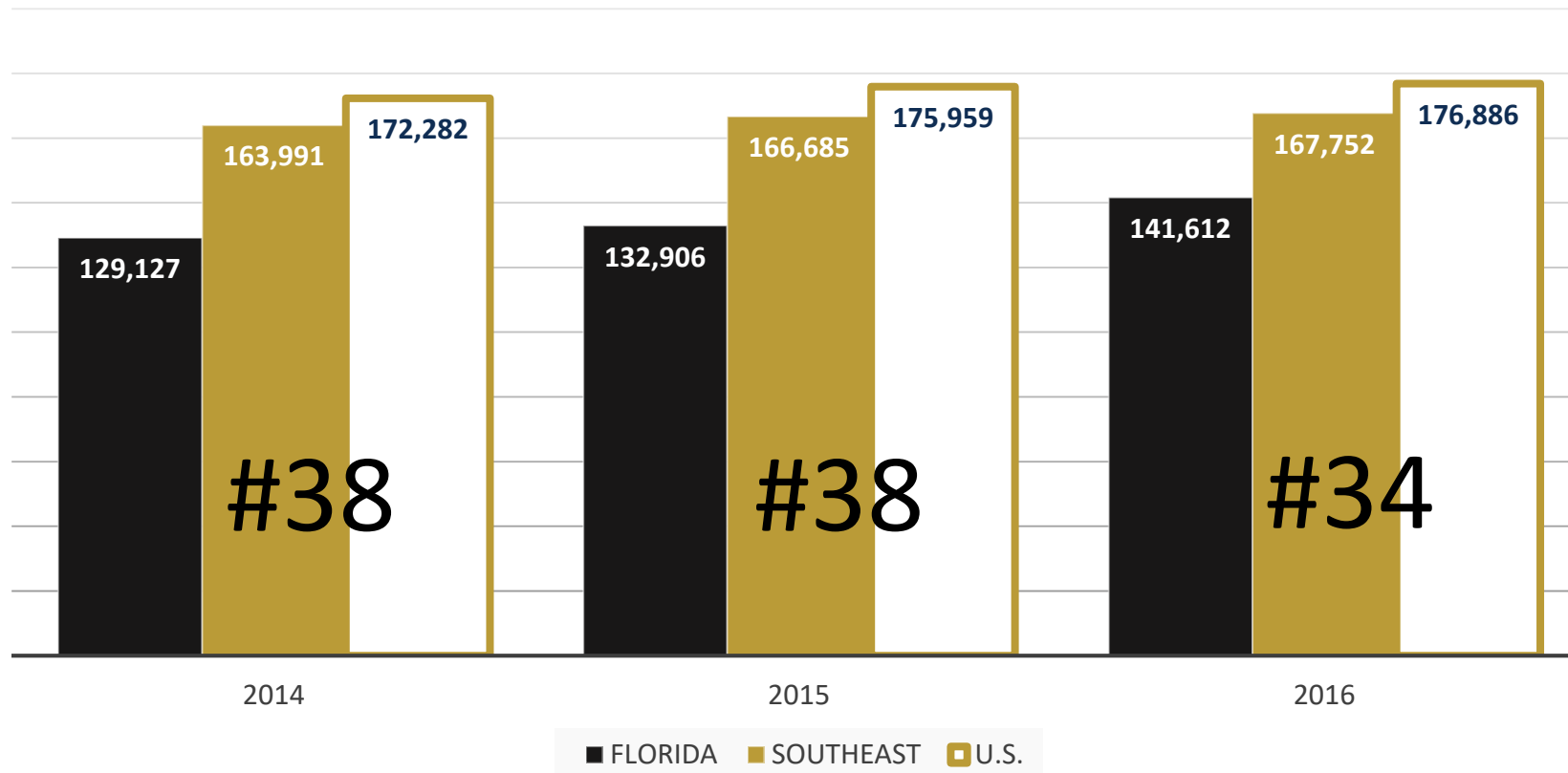
- Connect heads and hands
- Understand production
- Understand both business and technology
- Identify and solve issues in advance
- Think deductively and experimentally
- Understand that soft skills are as important as technical skills
 - Interpersonal aptitude
 - Ability to work in diverse teams
 - Lead a team: Service leadership
 - Communicate: numerically, speak, write, visualize



Dr. Edward (Ned) Hill
Ohio State University

MANUFACTURING PRODUCTIVITY

(\$ VALUE-ADDED / EMPLOYEE)



Sources: Bureau of Economic Analysis

**Economic Potential
of 2016 FL MFG Employment
at U.S.
Average Productivity**

\$62.9B (US level)
\$50.3B (FL level)

A Difference of

\$12.6B



Objective: To Create a Manufacturing Sector Strategy for Florida





**MAKE
MORE**
MANUFACTURING
SUMMIT

**Save the
Date!**

May 30-31, 2019

Orlando, FL

*Sponsorship Opportunities
Available*