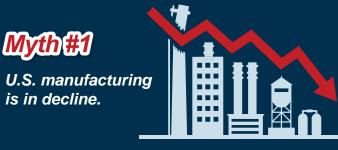
Manufacturing Myths - Debunked!

THE TRUTHS ABOUT THE INDUSTRY TODAY -



is in decline.



Truth Employment,

shipments, and exports are on the rise.







including only the value-added of manufacturing facilities

Manufacturing is 11% of the U.S. GDP when narrowly defined by government statistics

Manufacturing is 1/3 of the U.S. economy when you include facilities AND everything they involve:

Upstream raw materials Energy consumed by factories

> Corporate offices and R&D centers

Downstream wholesale and retail distribution

Logistics



of world manufacturing activity.

employment took place between 2010 and 2019 (prior to pandemic), with modest but consistent gains.

Longest continuous post-war

expansion of manufacturing

2010

HOW THE MEP NATIONAL NETWORK HELPS

over the decade 2009 - 2019, and manufactured exports grew by 51% during the same period.

Manufacturers' sales increased by 29%



The MEP National Network™, of which KMS is a partner of, contributes to the growth of U.S. manufacturing.





and create or retain more than 105,000 jobs.





Manufacturing is a poor career choice.

Myth #2



Truth

Manufacturing is actually

an excellent choice.





jobs require no work experience for an entry-level position.

Path to upward mobility, since more than 81% of



Manufacturing employs about 9%



Employment for over 12 million

people, as the 5th largest

employment sector in the U.S.

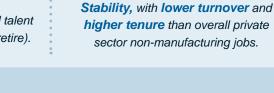
HOW KANSAS MANUFATURING SOLUTIONS HELPS



paid to recruit qualified talent (as skilled machinists retire).

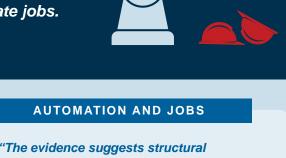
Salary Premiums

7% more in salary than in service industries.



An event that showcases both modern manufacturing and the careers available, Manufacturing Day occurs the first Friday of every October and has attracted up to 325,000+ attendees annually across the 50 states and Puerto Rico. To facilitate industry growth in Kansas, KMS coordinates and promotes events for this occasion.





Truth Jobs are changing, and new skills will be

> needed along with traditional expertise.

Automation will

eliminate jobs.

& Innovation Foundation) "These disparate findings suggest that the main impact of automation in the near future may be to cause a major reallocation of jobs."

(VoxEU.org/CEPR)



Job Growth in New Roles: 133M (driven by new technology and automation) One projection from 2018* says that by 2022, 133 million new

> "Many manufacturers today are turning toward automation to supplement the low-skilled jobs they cannot fill and instead focus their existing workers on jobs that are either higher skilled

or require uniquely human skills." (Deloitte and

jobs (worldwide) will be created, more than offsetting the

*Pre-Covid projection of global non-agricultural employment based on

75M

Net Gain

World Economic Forum survey

75 million displaced.



The Manufacturing Institute) "Nearly 70% of manufacturers said they are creating or expanding training programs for their workforce." (Manufacturing Institute)



Myth#4

unemployment will not increase due to automation." (Information Technology





Routine

Reduced Labor — Tasks being automated

Automation helps the U.S. compete internationally,

and the more successful it is, the more jobs will result.

Automation is changing the way manufacturing works:



Problem Solving

Increased Labor — Tasks that require humans



Jobs are increasing in:

Data analytics Al and machine

development

learning specialists

Software and application

Adaptability

Creative Thinking

Repetitive

Predictable

HOW KANSAS MANUFATURING SOLUTIONS HELPS





to the environment.

Manufacturing is harmful



THE ADOPTION OF LEAN MANUFACTURING MEANS:



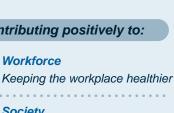


HOW KMS HELPS

processes at the same time.

Workforce

Environment



Reducing energy consumption

Keeping air and water cleaner

Usage



Waste



Energy management الجنتلتا systems to optimize usage can save 30% of energy consumption.

Kansas Manufacturing Solutions helped Leander, LLC optimize the layout of their new plant,



reducing waste and costs, while maximizing the efficiency of their production





www.wearekms.com **913.649.4333**

sustainability = profitability. **Cutting down on:**

In manufacturing,



Pollution