

KANSAS ECONOMIC OUTLOOK CONFERENCE

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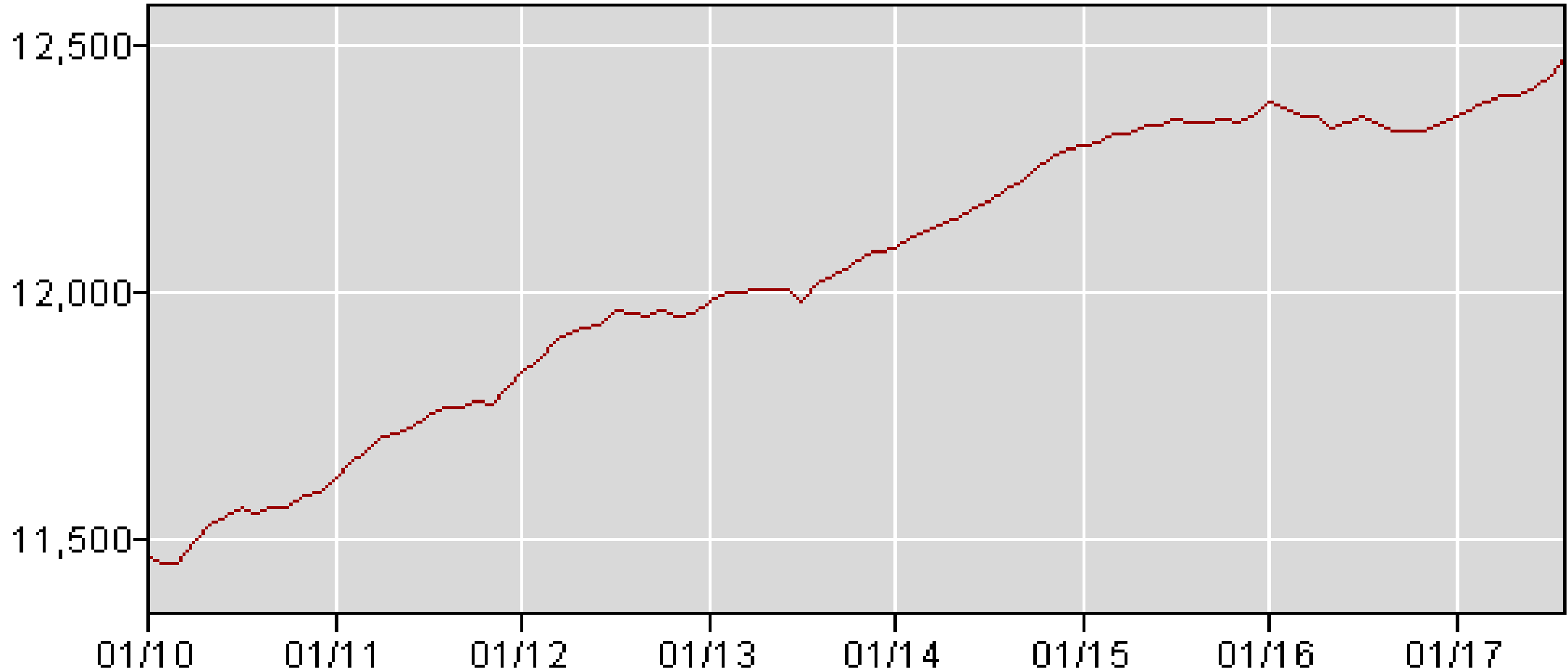
MANUFACTURING ECONOMY



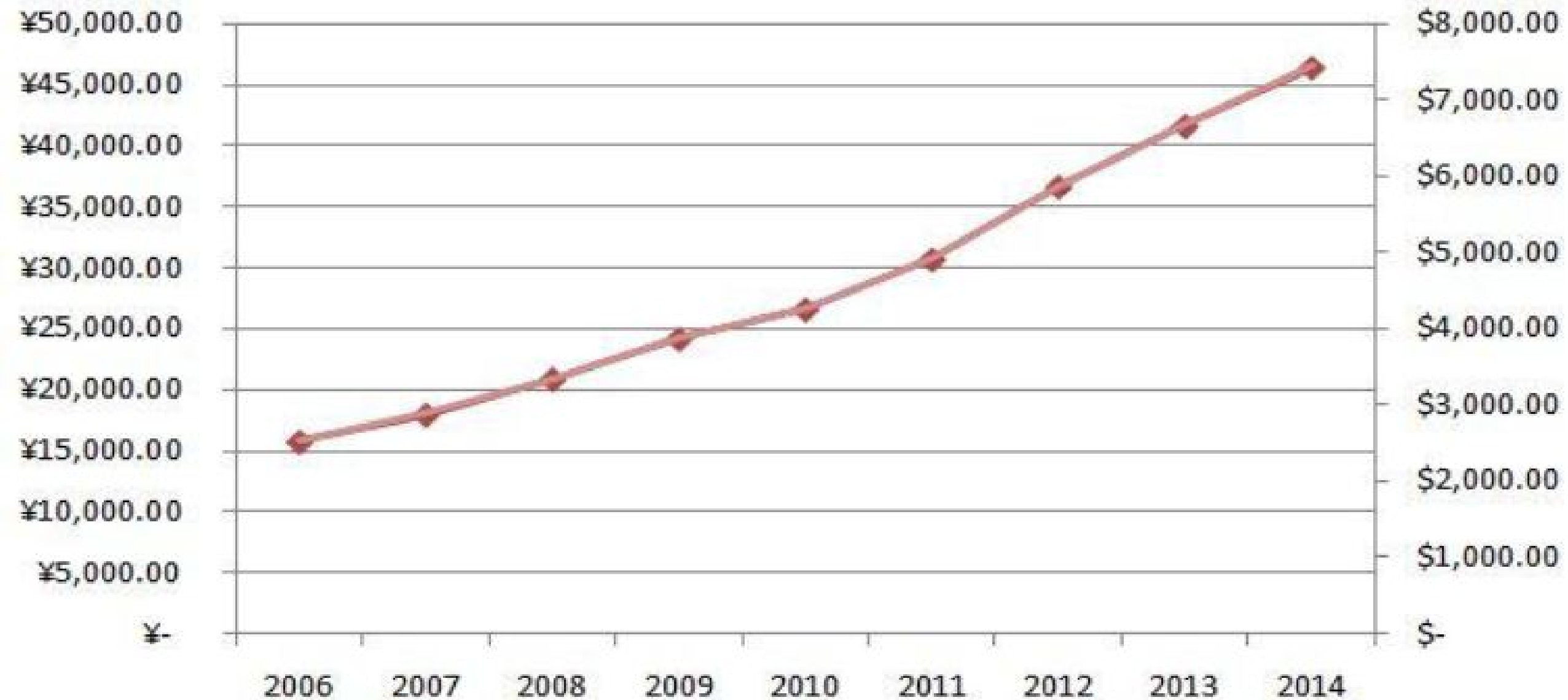
A blurred background of the United States flag, showing the stars and stripes in a soft, out-of-focus manner. A dark teal horizontal bar is overlaid across the middle of the image, containing the title text in white.

A Resurgence in U.S. Manufacturing?

Manufacturing Jobs



China Average Yearly Manufacturing Wages

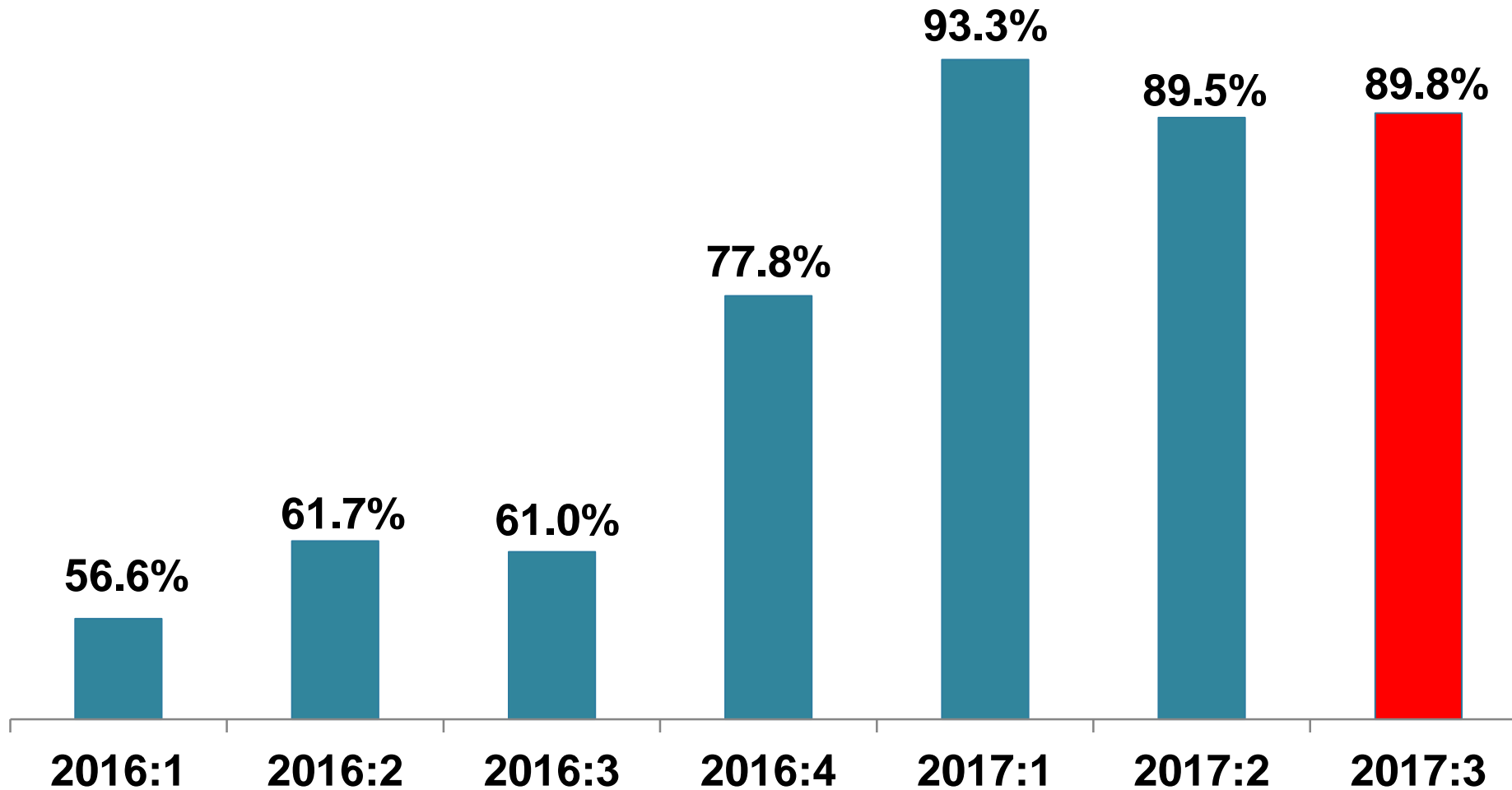


Data Source: China National Bureau of Statistics

World LNG Estimated Landed Prices: Jul-17



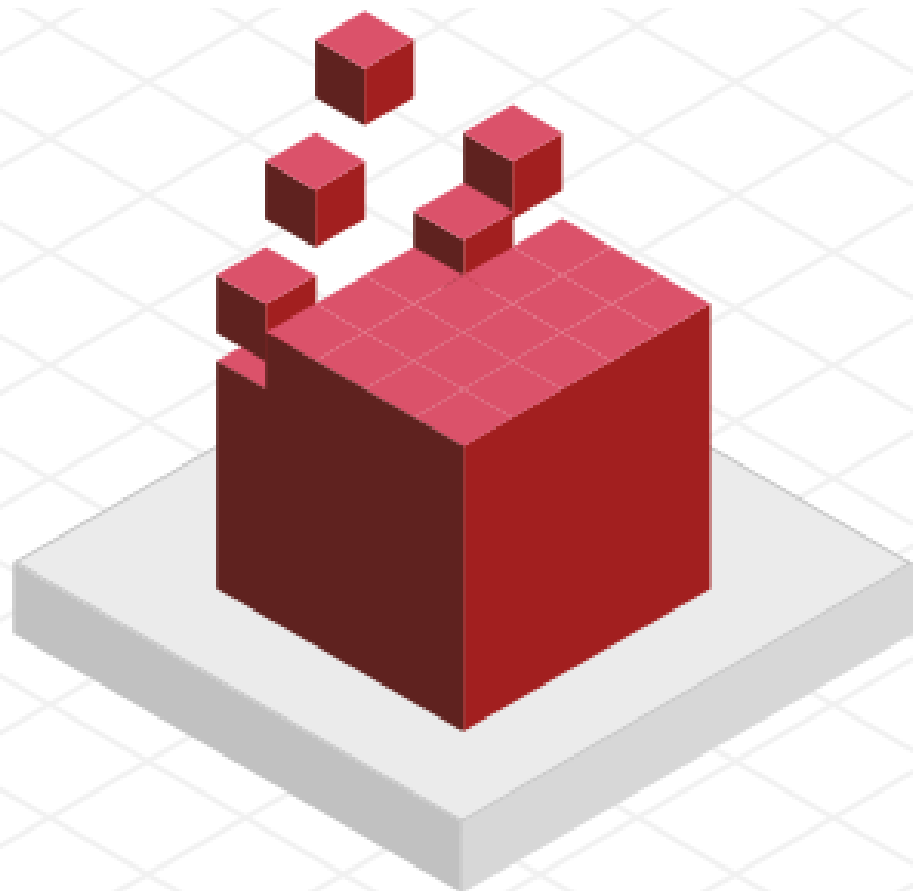
NAM Manufacturers' Outlook Survey



MANUFACTURING INNOVATIONS



3D Printing – Adoption



*3D printing's rise
in manufacturing*

More than *two-thirds*
of US manufacturers use
3D printing in some way.

Source: PwC analysis of Zpryme Research survey data

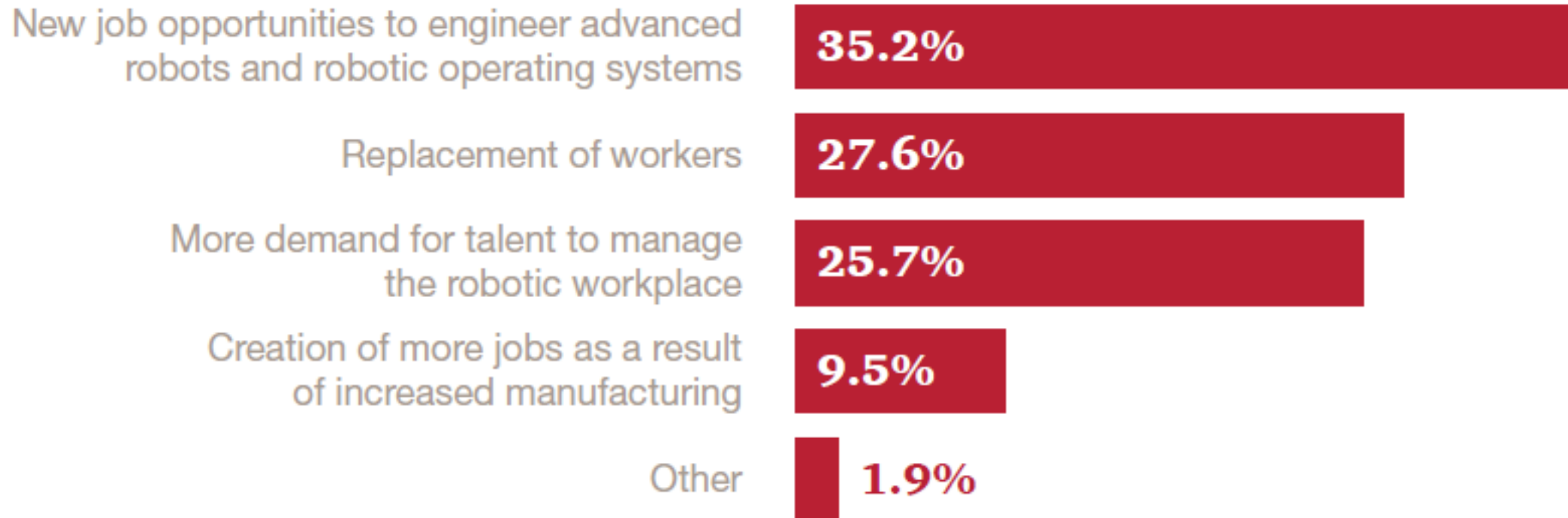
Robot Orders & Investments



Robots Stealing Jobs?

The robot effect on workforces

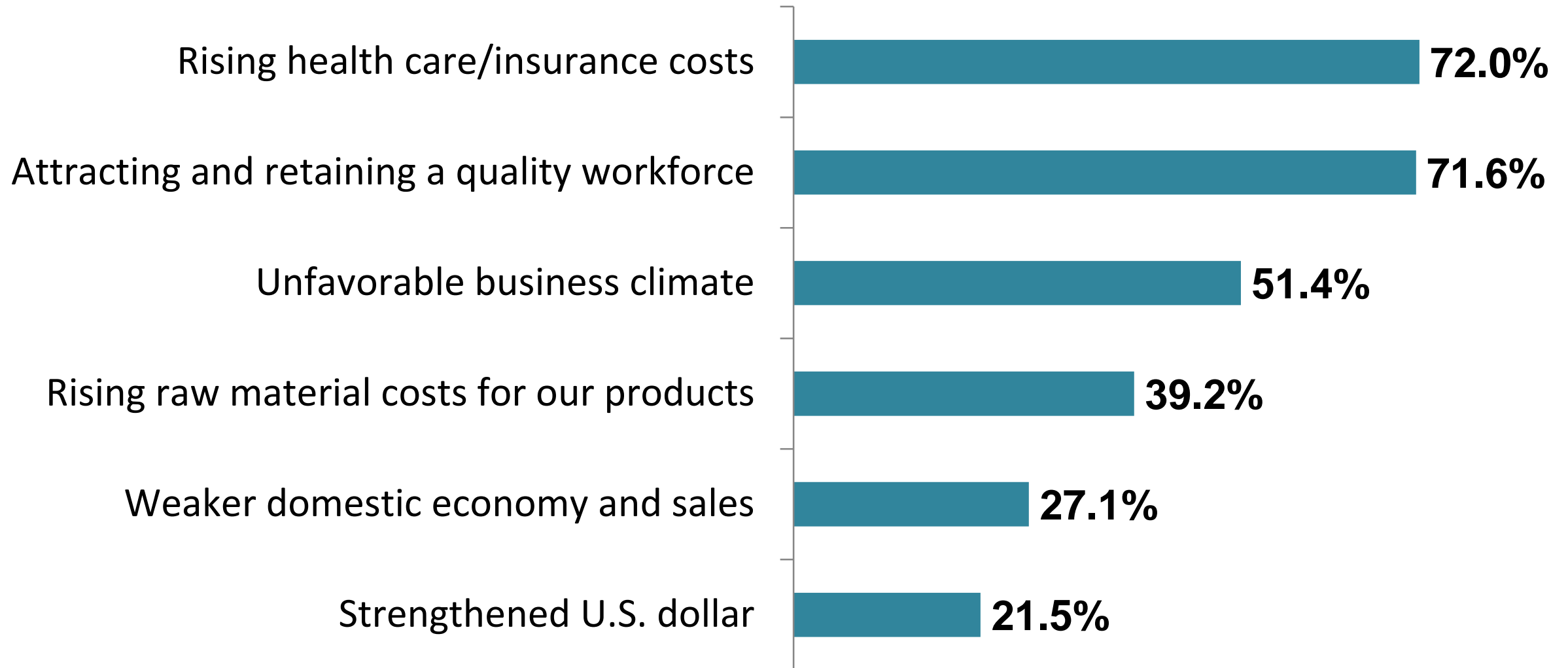
Q. What will be the biggest impact of robots on the US manufacturing workforce in the next 3–5 years?



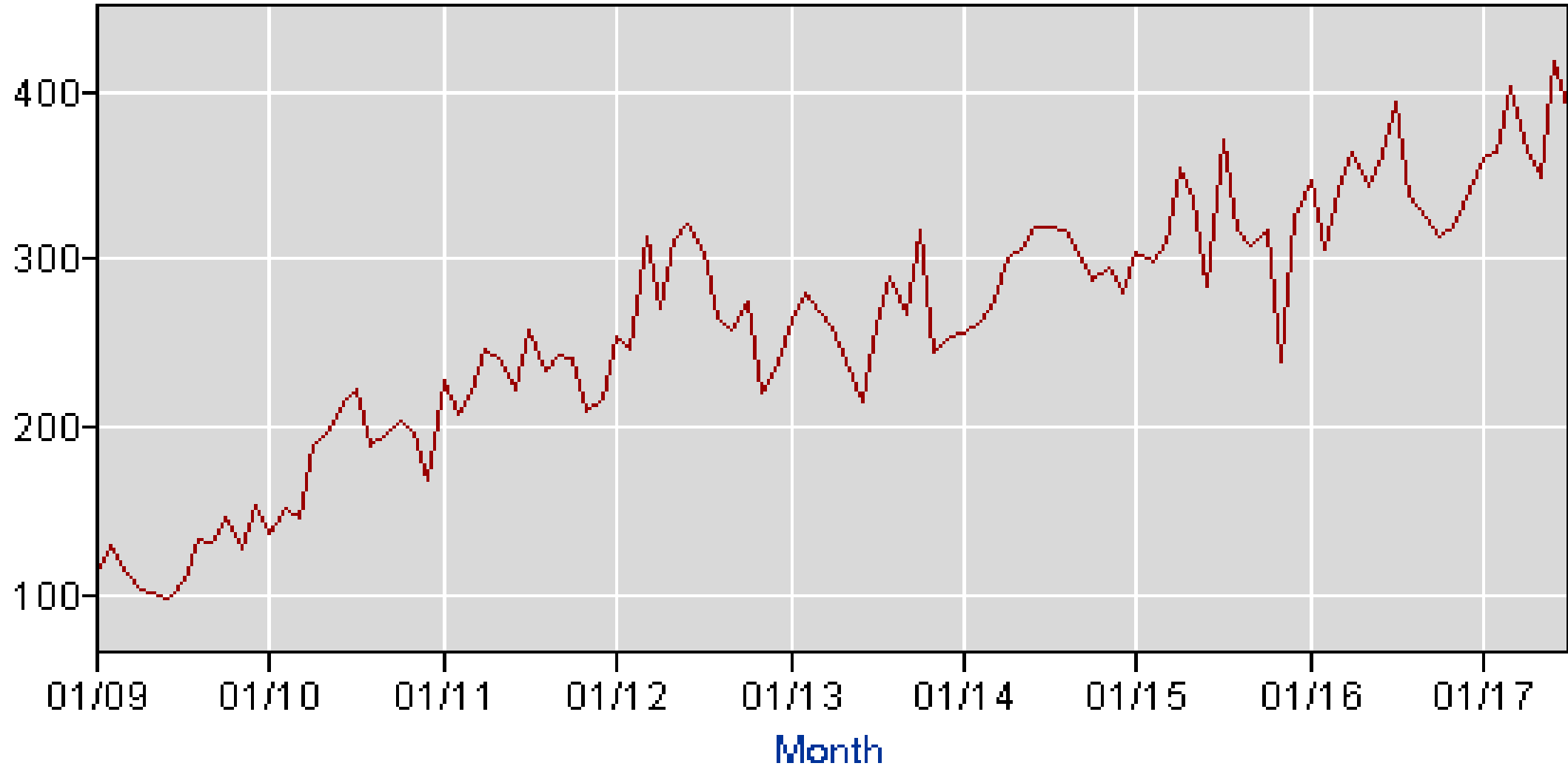
MANUFACTURING WORKFORCE



Primary Current Business Challenges



Job Openings in Manufacturing



82% of manufacturers can't find skilled workers



2015

2 Million

2025

are expected to go unfilled due to the skill gap

Overall Respondents		Generation Y (ages 19-33) Respondents	
Industry	Rank	Industry	Rank
Technology	1	Technology	1
Healthcare	2	Healthcare	2
Financial services	3	Financial services	3
Energy	4	Retail	4
Manufacturing	5	Communications	5
Communications	6	Energy	6
Retail	7	Manufacturing	7



MFG DAY

October 6, 2017





There are **24** MFG DAY events planned in Kansas in 2017.

Workforce & Education Programs

- Apprenticeships
- Internships
- Certifications



- Women
- Veterans
- Ambassadors



- Academies
- Summer Programs
- Competitions



Thank You!

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