

THE MANUFACTURING ECONOMIC UPDATE

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NATIONAL ASSOCIATION
OF MANUFACTURERS

MANUFACTURING
MAKES AMERICA
STRONG

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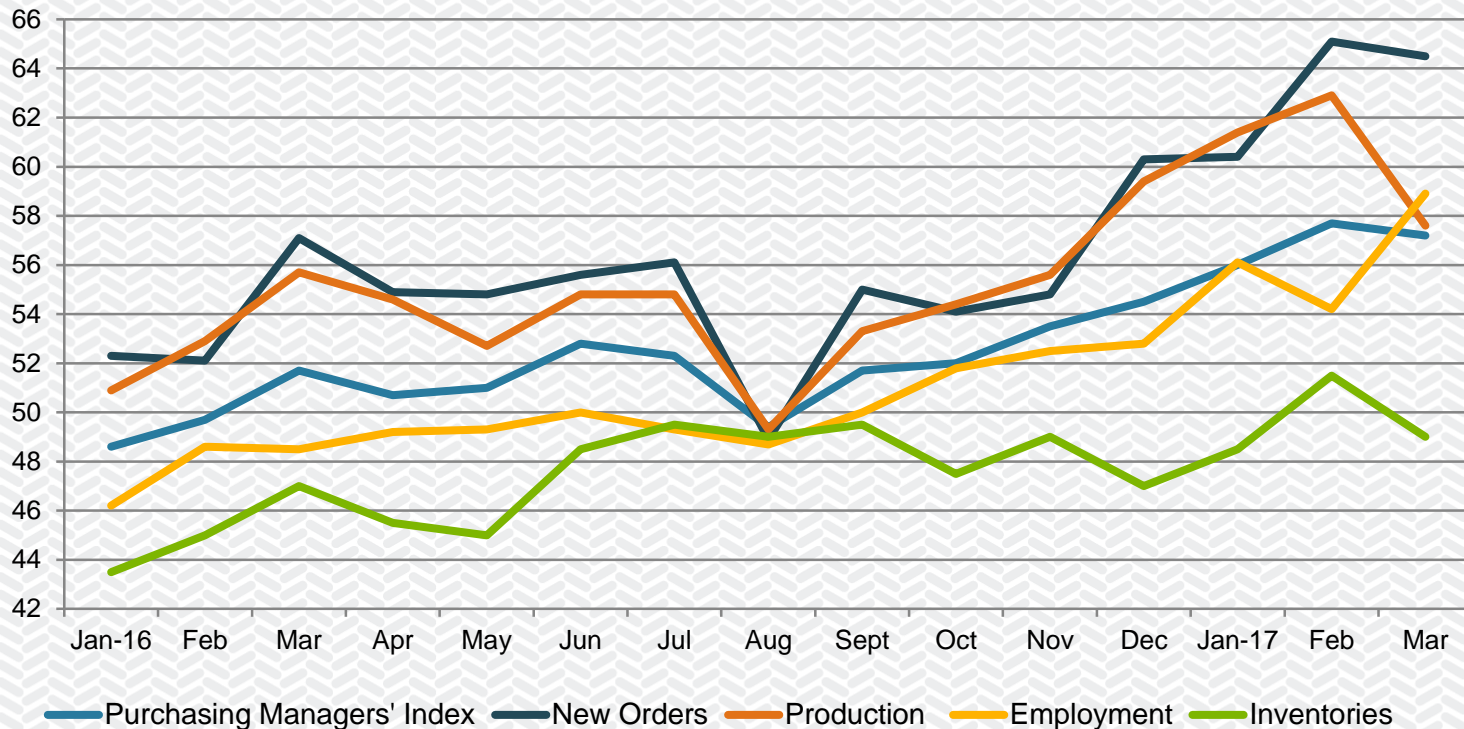
MANUFACTURING OVERVIEW

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ISM Manufacturing Purchasing Managers' Index

(January 2016 – March 2017)

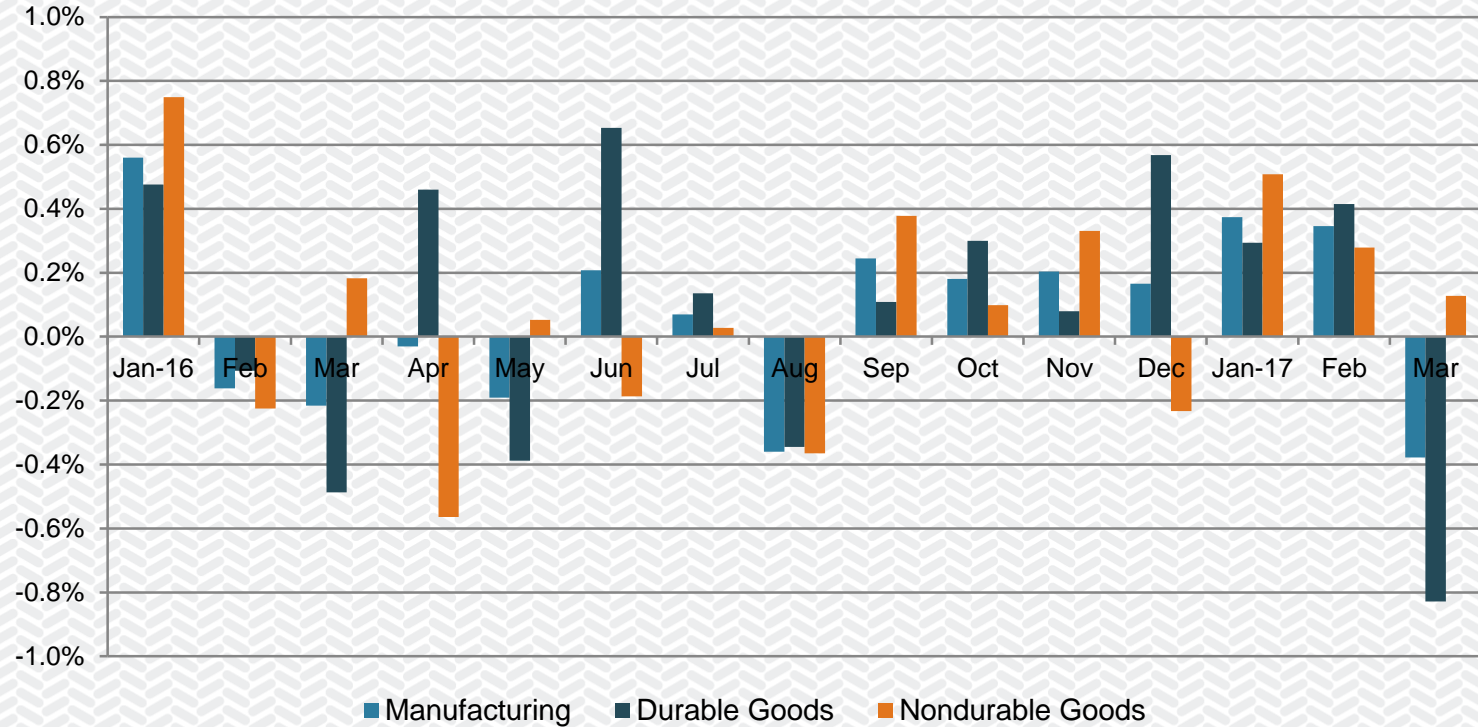


— Purchasing Managers' Index — New Orders — Production — Employment — Inventories

Source: Institute for Supply Management

Percentage Changes in Manufacturing Production

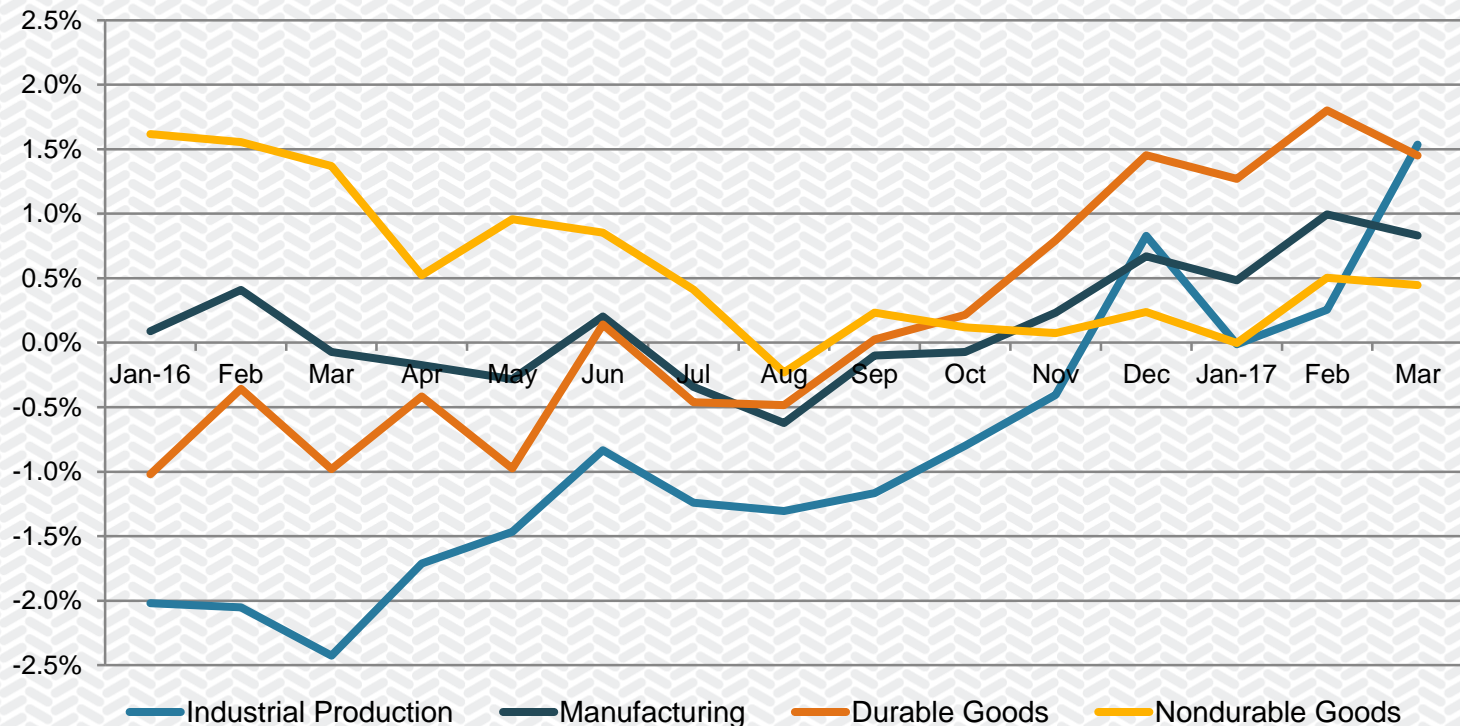
(January 2016 – March 2017)



Source: Federal Reserve Board

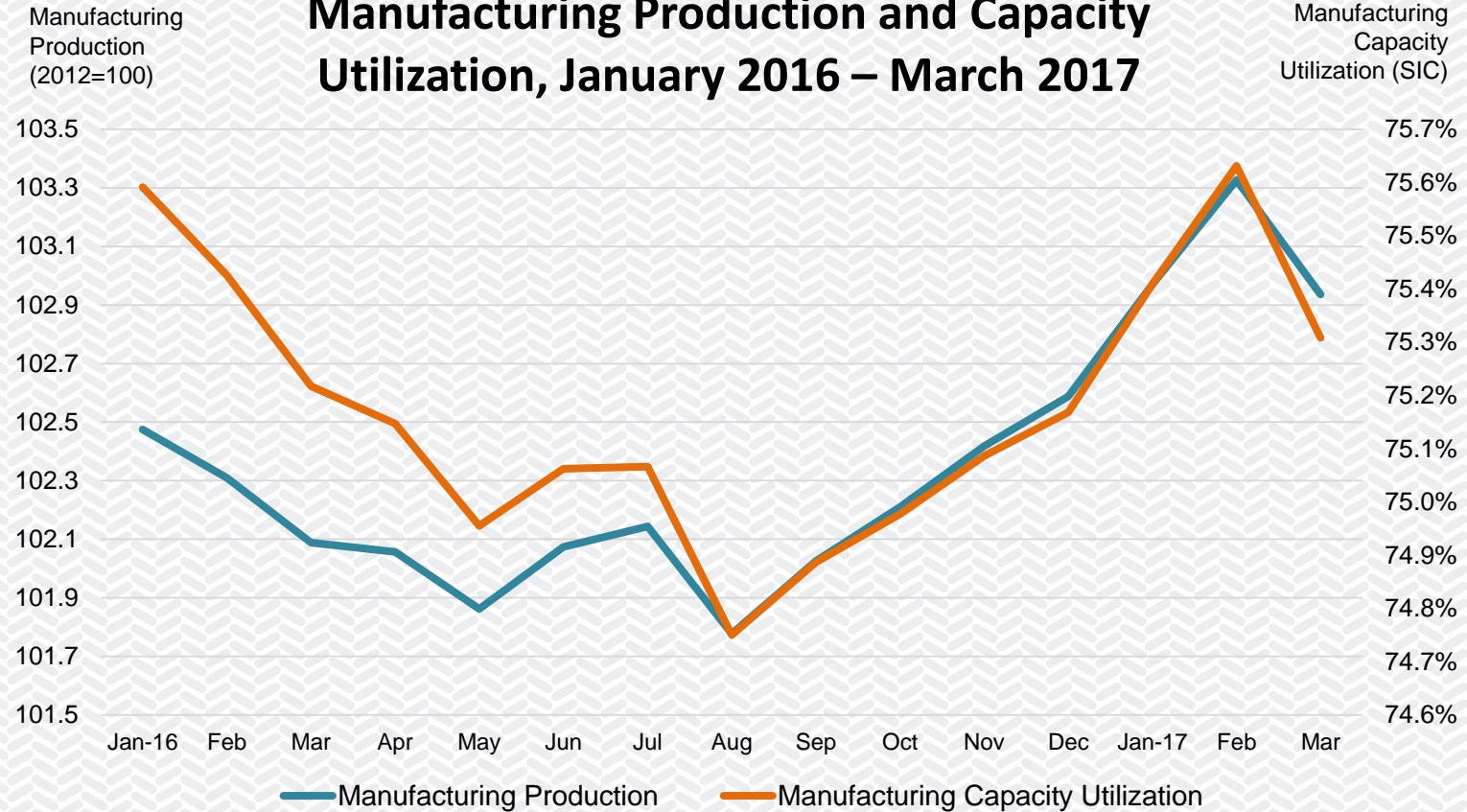
Year-Over-Year Industrial Production Growth

(January 2016 – March 2017)



Source: Federal Reserve Board

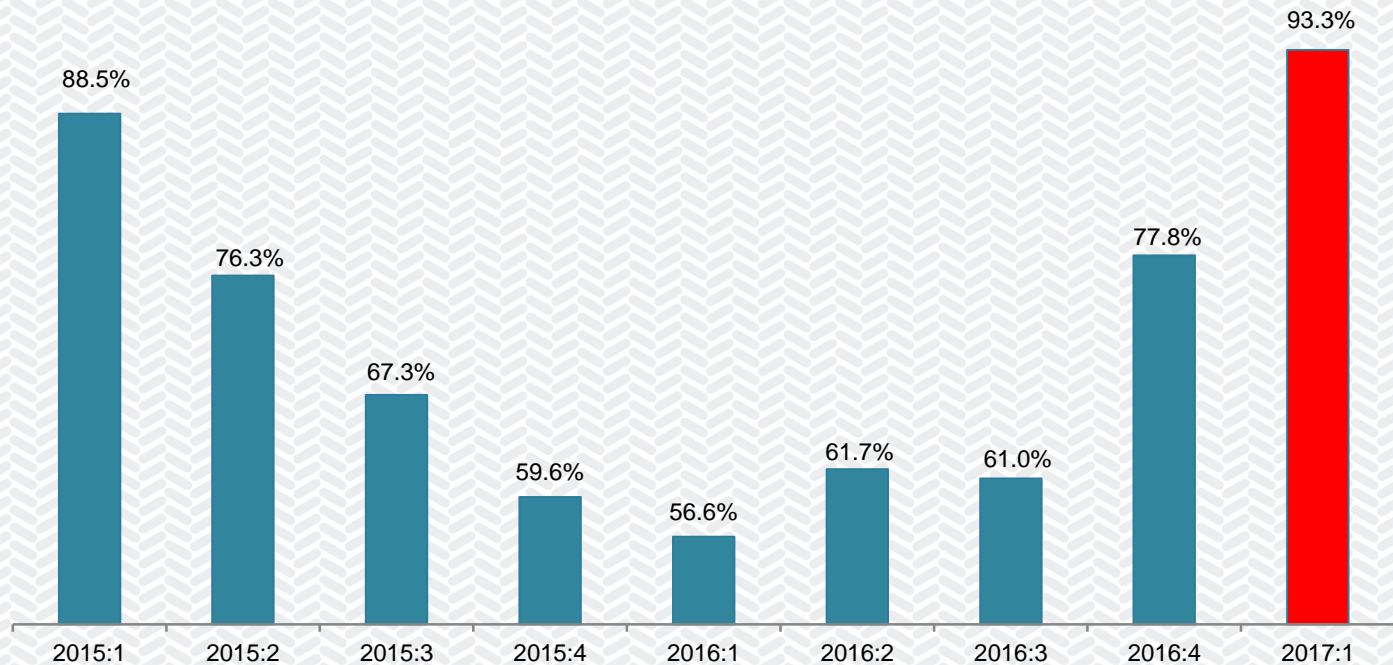
Manufacturing Production and Capacity Utilization, January 2016 – March 2017



Source: Federal Reserve Board

NAM Manufacturers' Outlook Survey by Quarter

(First Quarter 2015 – First Quarter 2017)

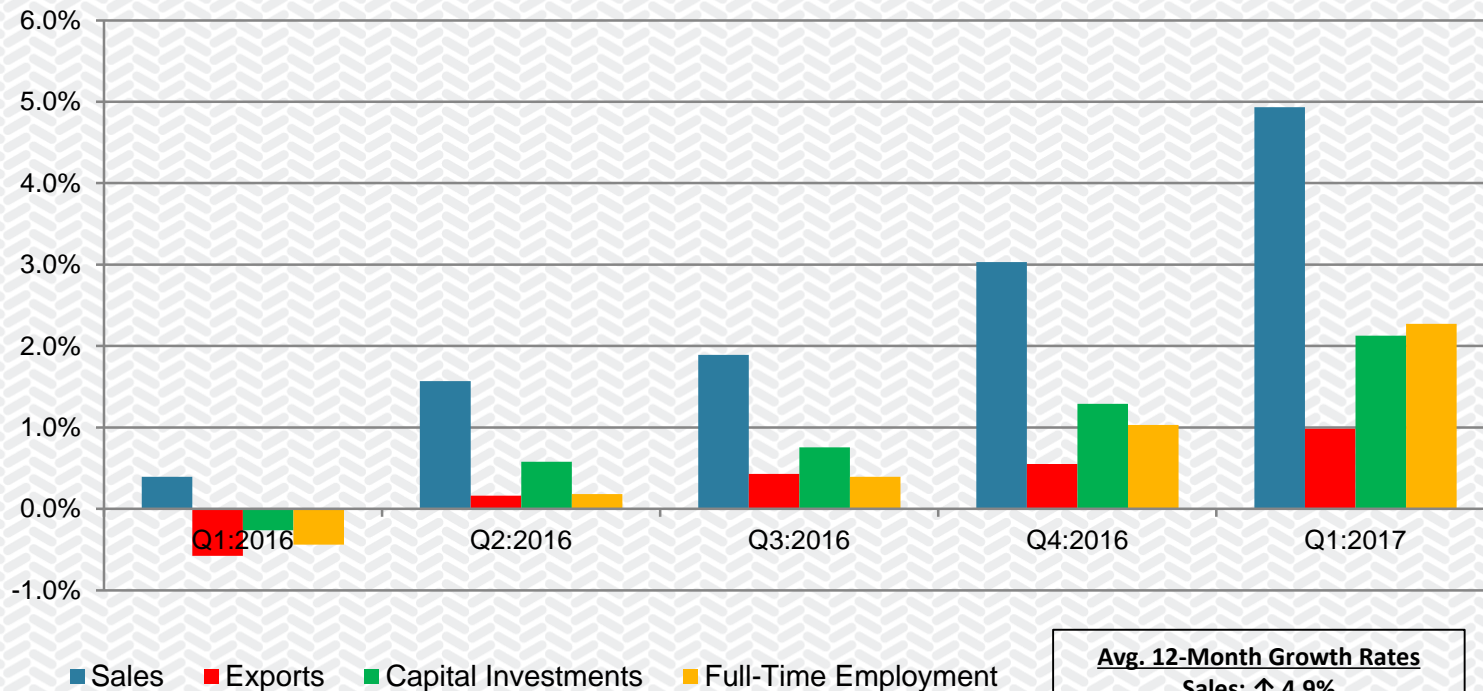


Source: NAM Manufacturers' Outlook Survey

Note: Percentage of respondents who characterized the current business outlook as somewhat or very positive.

Expected Manufacturing Growth Over Next 12 Months

(First Quarter 2016 – First Quarter 2017)



Source: NAM Manufacturers' Outlook Survey
Note: Expected growth rates are annual averages.

Avg. 12-Month Growth Rates

Sales: ↑ 4.9%

Exports: ↑ 1.0%

Capital Investments: ↑ 2.1%

Full-Time Employment: ↑ 2.3%

Primary Current Business Challenges

(First Quarter 2017)



Source: NAM Manufacturers' Outlook Survey

Note: Respondents were able to check all that apply. Therefore, responses exceed 100 percent.

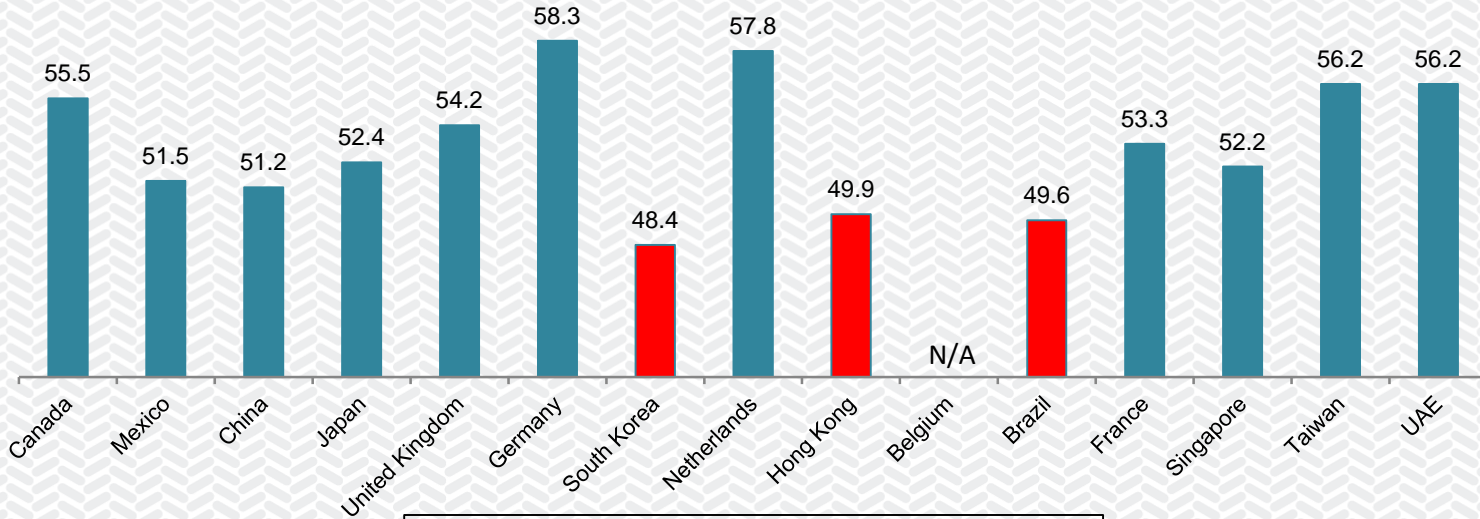
INTERNATIONAL ECONOMIC UPDATE, INCLUDING EXPORTS

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Markit Purchasing Managers' Indices for the Top 15 Export Markets for U.S. Manufactured Goods

(March 2017)



Emerging Markets Manufacturing PMI: 51.6
Eurozone Manufacturing PMI: 56.2
Global Manufacturing PMI: 53.0
U.S. Manufacturing PMI (Markit): 53.3


Trade-Weighted U.S. Dollar Index Against Major Currencies, 2014–2017

(Currency Units per U.S. Dollar, 1973=100)



Source: Federal Reserve Board

MANUFACTURING EMPLOYMENT

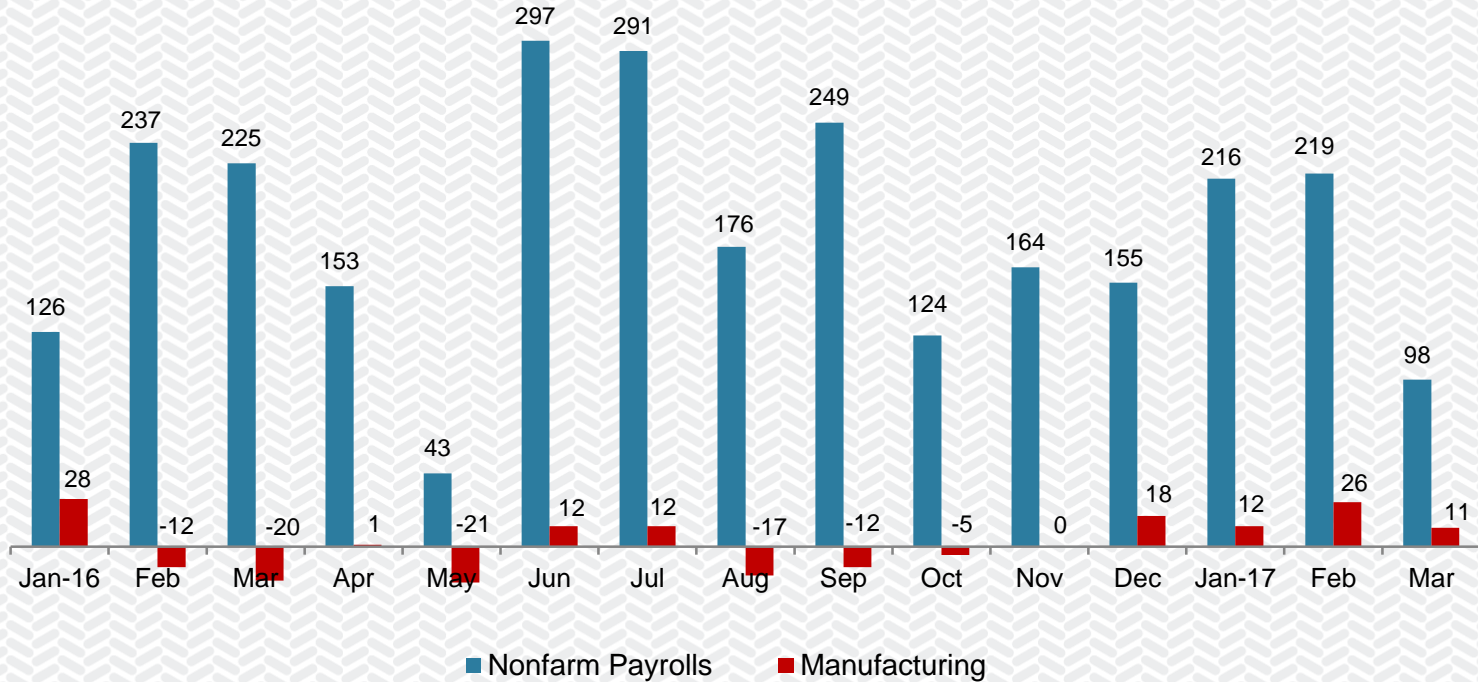
A smiling male worker wearing a white hard hat and a blue long-sleeved shirt with a Subaru logo is working on a car chassis in a factory. He is wearing safety glasses and gloves, and is holding a tool. The background is a blurred factory floor with other workers and equipment.

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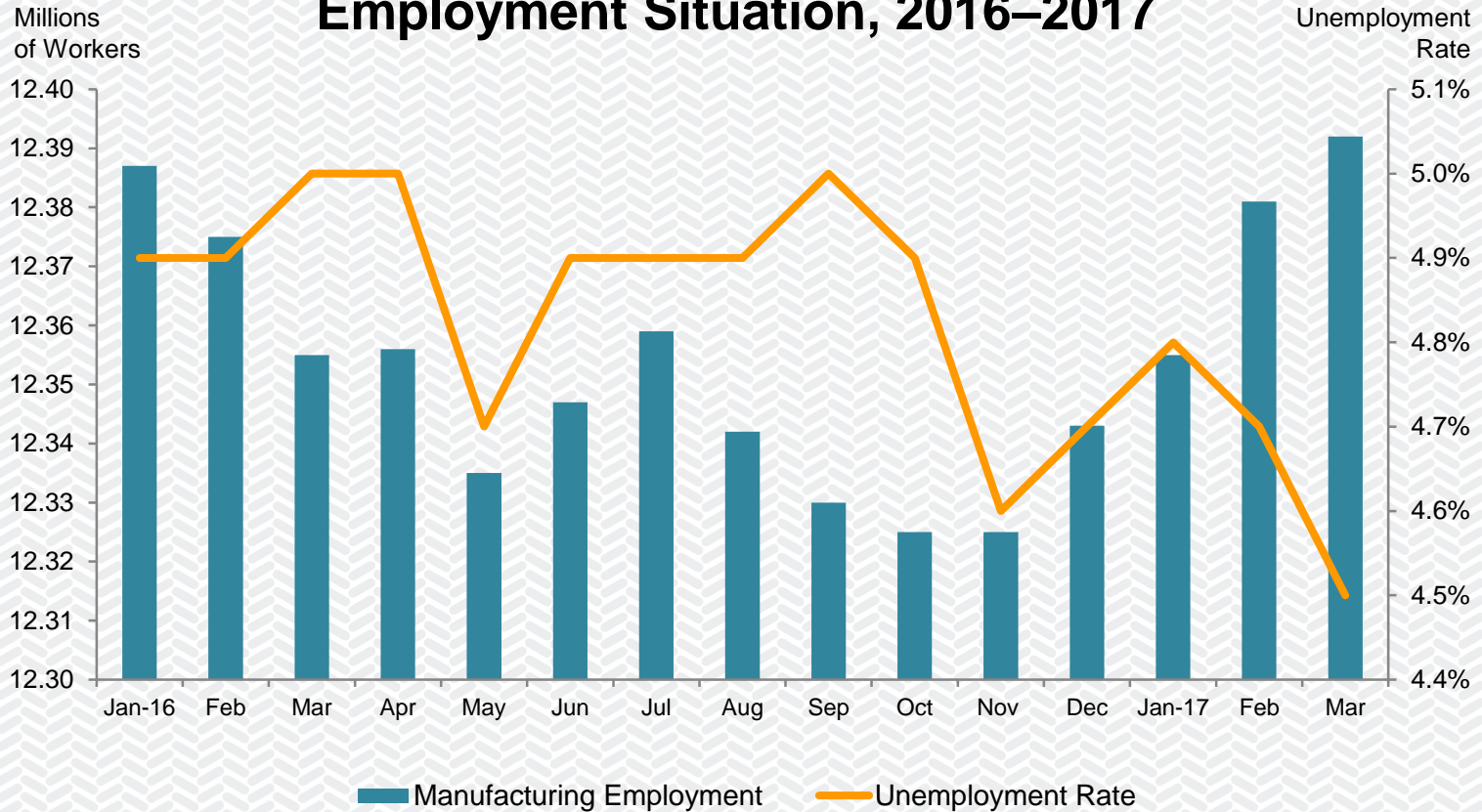


Monthly Changes in Employment

(January 2016 – March 2017, in Thousands of Employees)

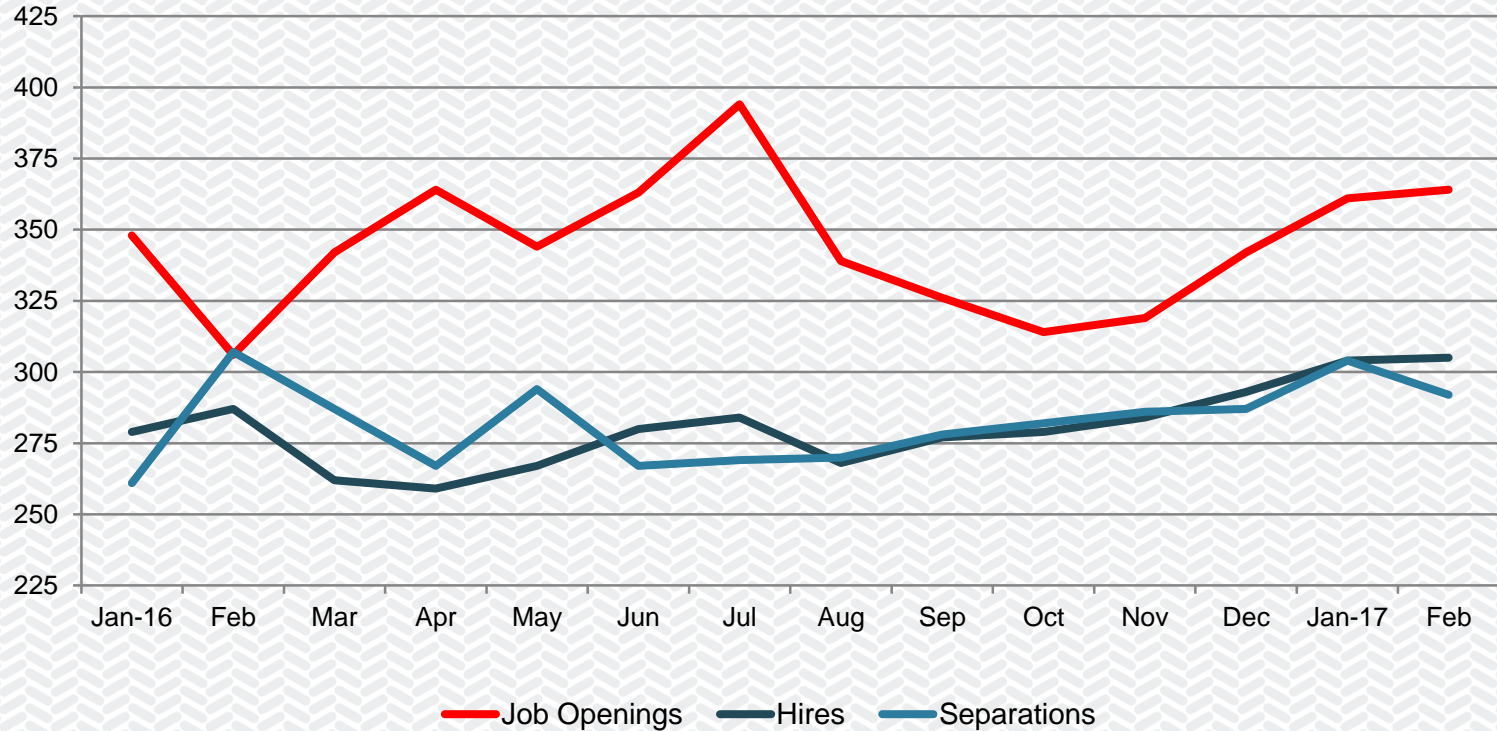


Employment Situation, 2016–2017



Manufacturing Job Openings, Hires and Separations

(January 2016 – February 2017, in thousands of workers)



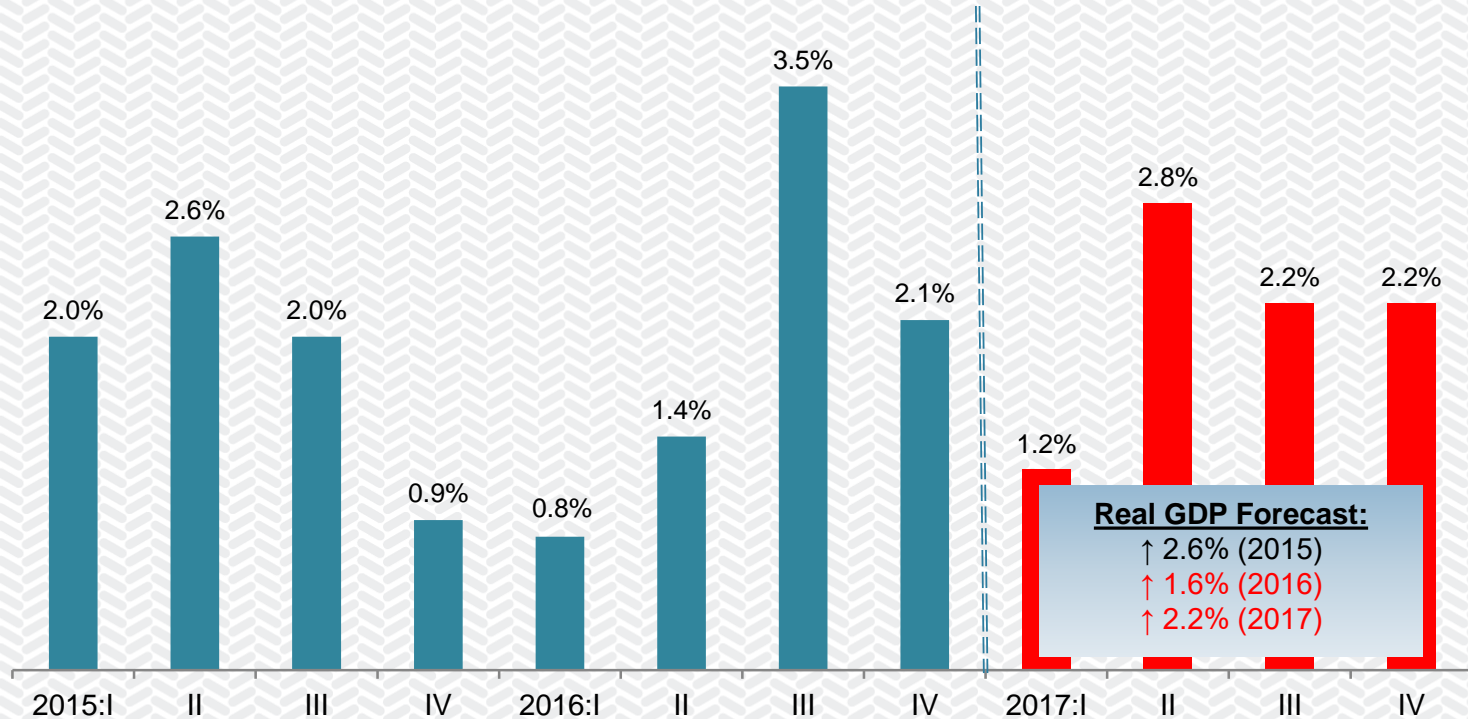
ECONOMIC OUTLOOK

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Real Gross Domestic Product

(Chained 2009 Dollars)



Source: Bureau of Economic Analysis, NAM calculations using Moody's Analytics simulation model

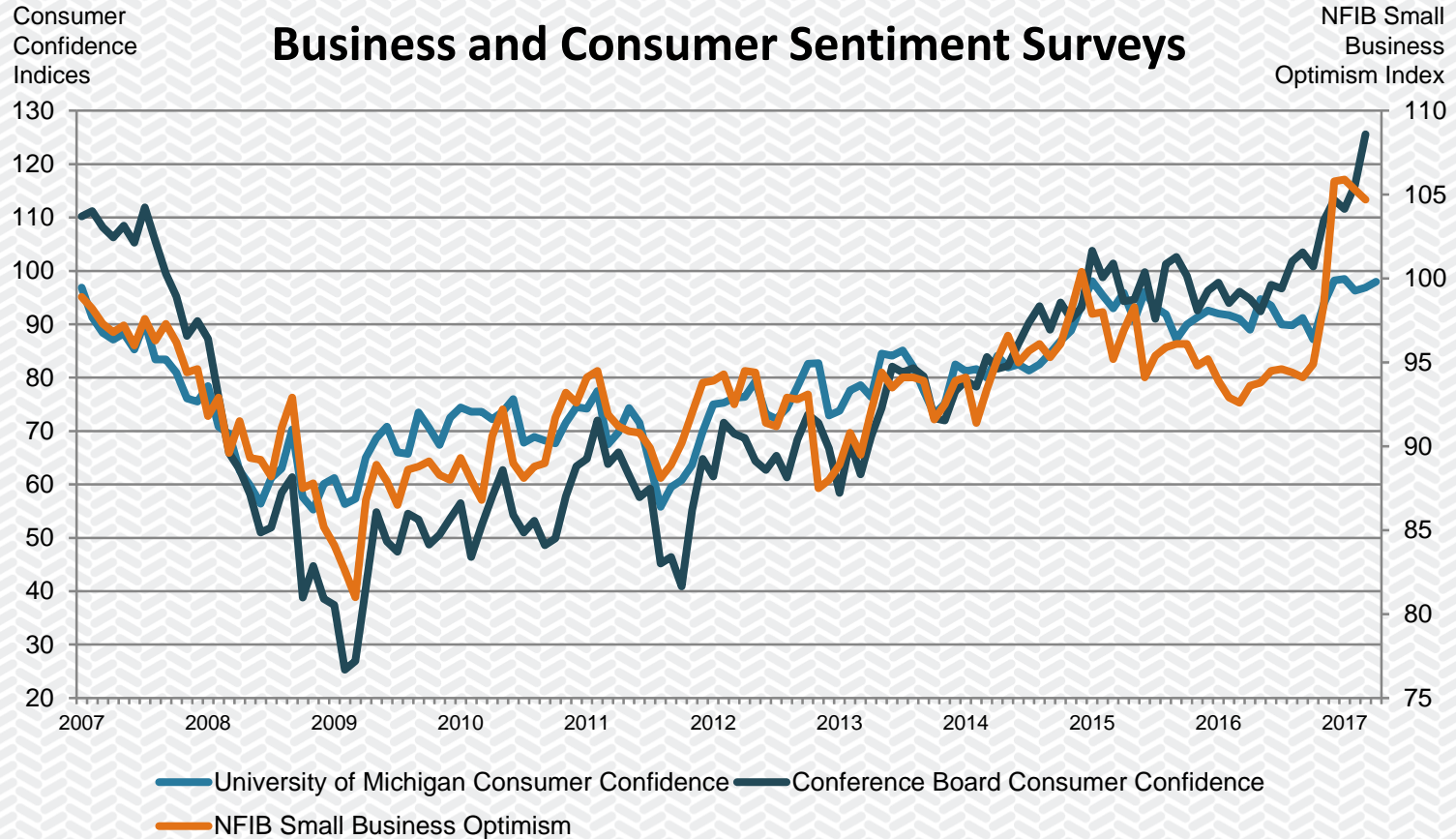


OTHER TOPICS: CONSUMER SPENDING, HOUSING AND PRICING PRESSURES

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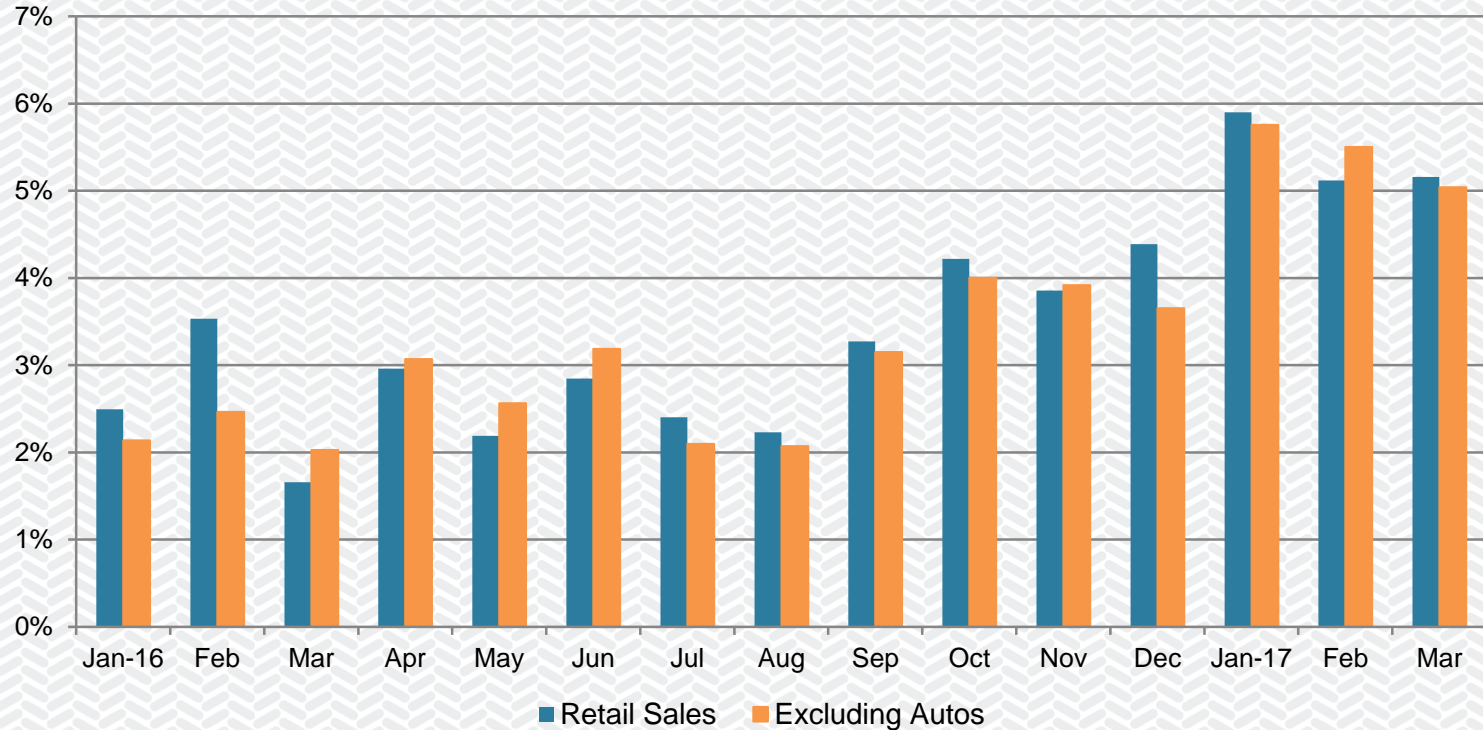
Business and Consumer Sentiment Surveys



Source: University of Michigan/Thomson Reuters, Conference Board, National Federation of Independent Business

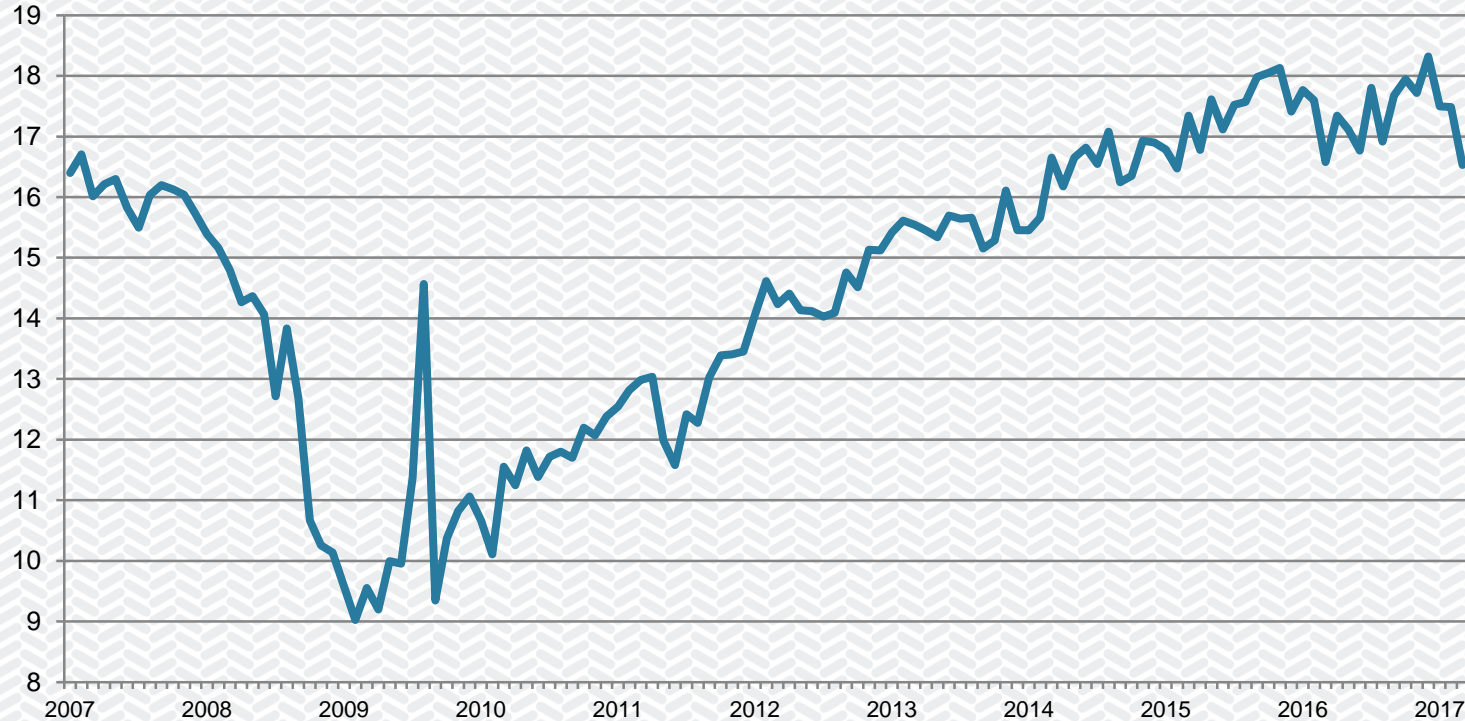
Year-Over-Year Growth in Retail Sales

(January 2016 – March 2017)



Auto and Light Truck Vehicle Sales, 2007–2017

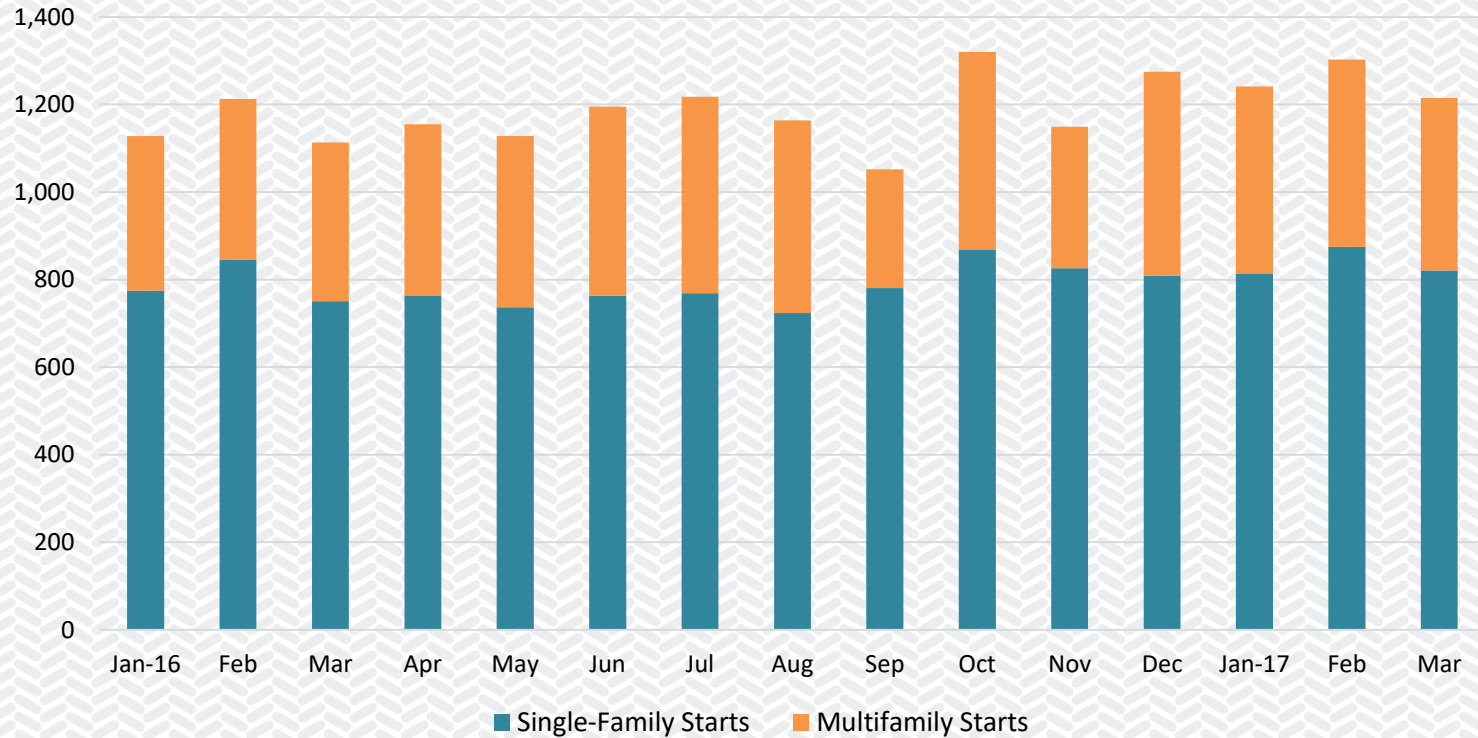
(in Millions of Units)



Source: Bureau of Economic Analysis

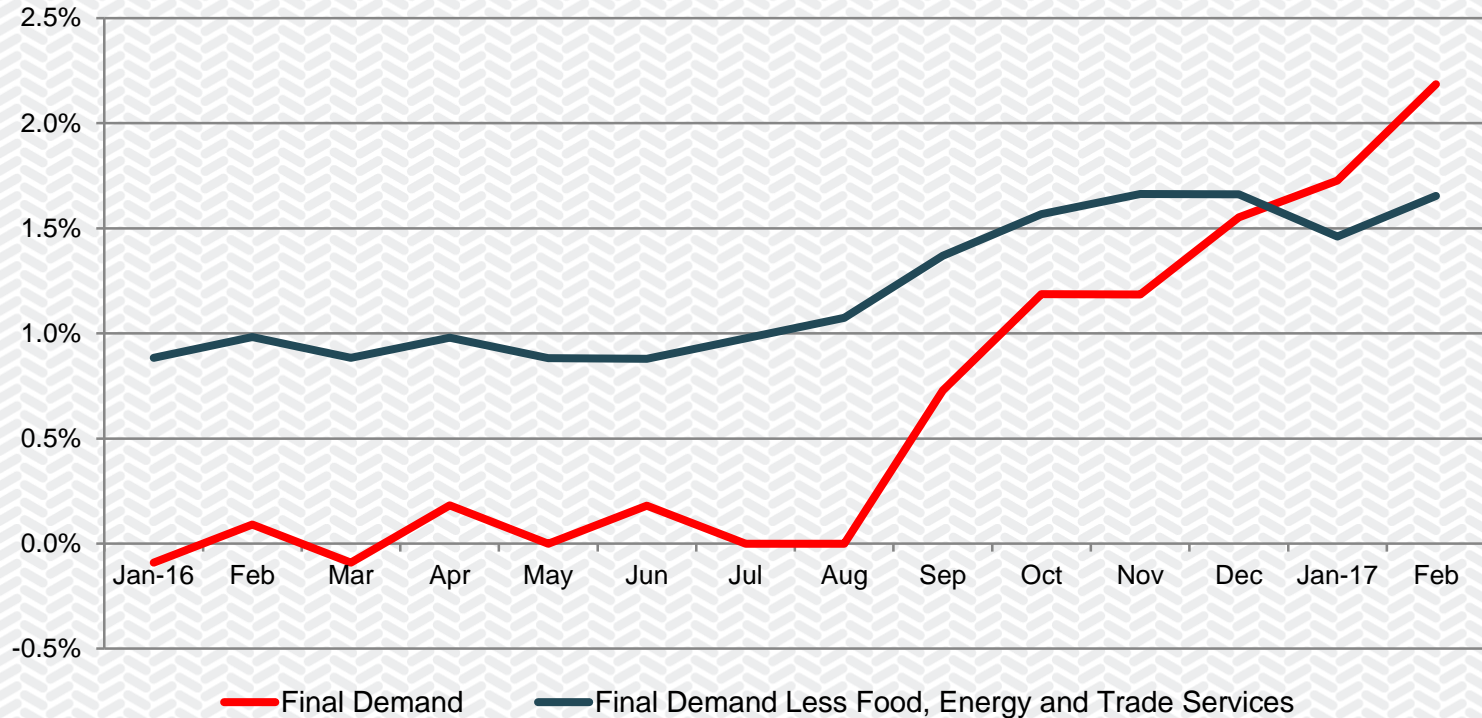
Housing Starts, January 2016 – March 2017

(Seasonally Adjusted, at the Annual Rate)



Year-Over-Year Percentage Changes in Producer Prices

(January 2016 – February 2017)



QUESTIONS?

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