

Muhlenkamp & Company

Webcast February 22, 2018

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Muhlenkamp & Company, Inc.
Intelligent Investment Management

Welcome

- All participants are in a listen-only mode.
- We will conduct a question-and-response session after the presentation.
- This webcast is being recorded.

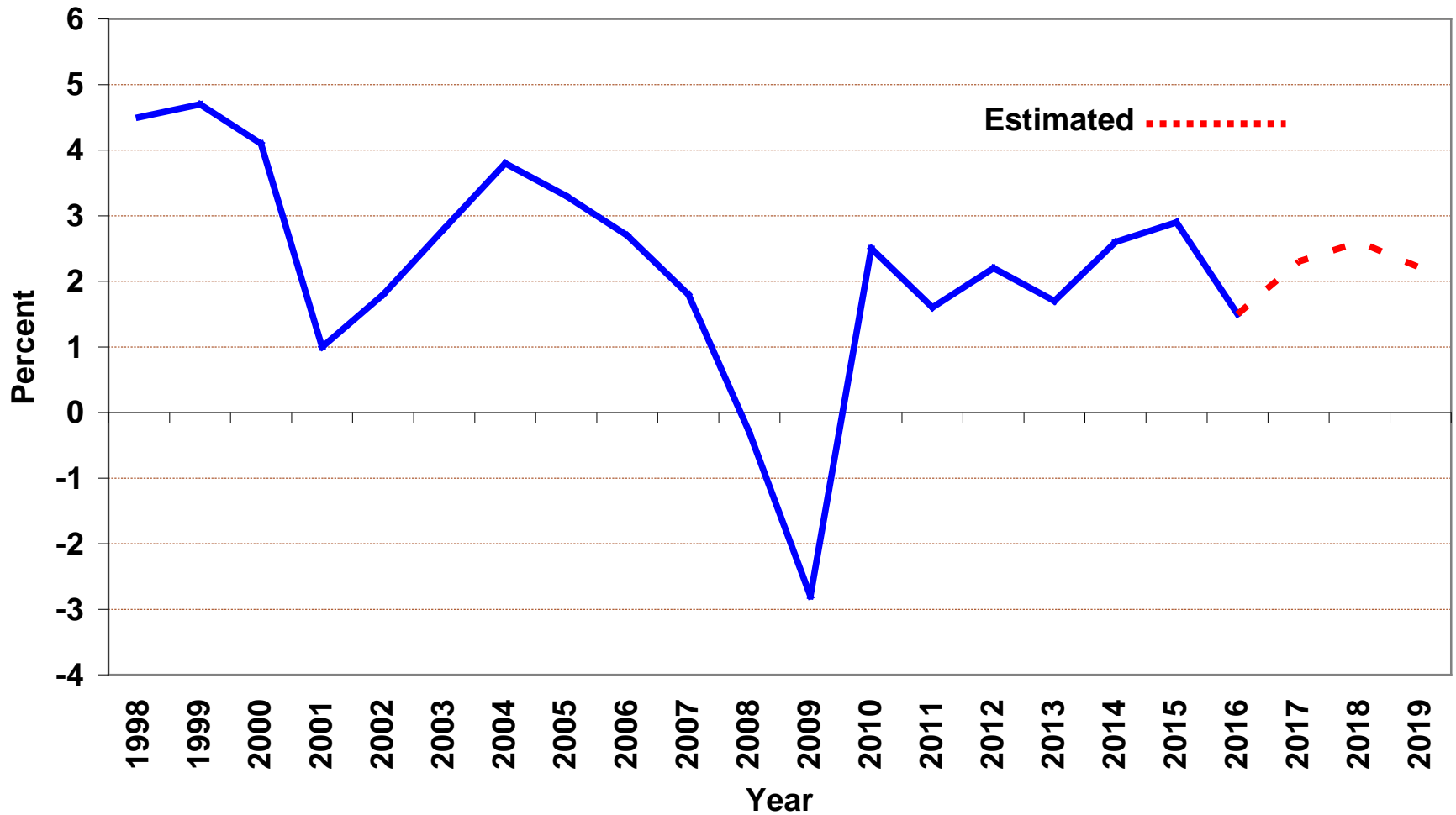


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Our Checklist:	What we observe as the Current State:	Future Outlook:
1. Consumer Spending	Good	Good
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8. Regulation	Slow improvement	Slow improvement
9. Europe & Japan	Less worrisome than 6 months ago	BOJ printing continues ECB printing slows, ends 4Q18?
10. China	Potentially disruptive	Potentially disruptive



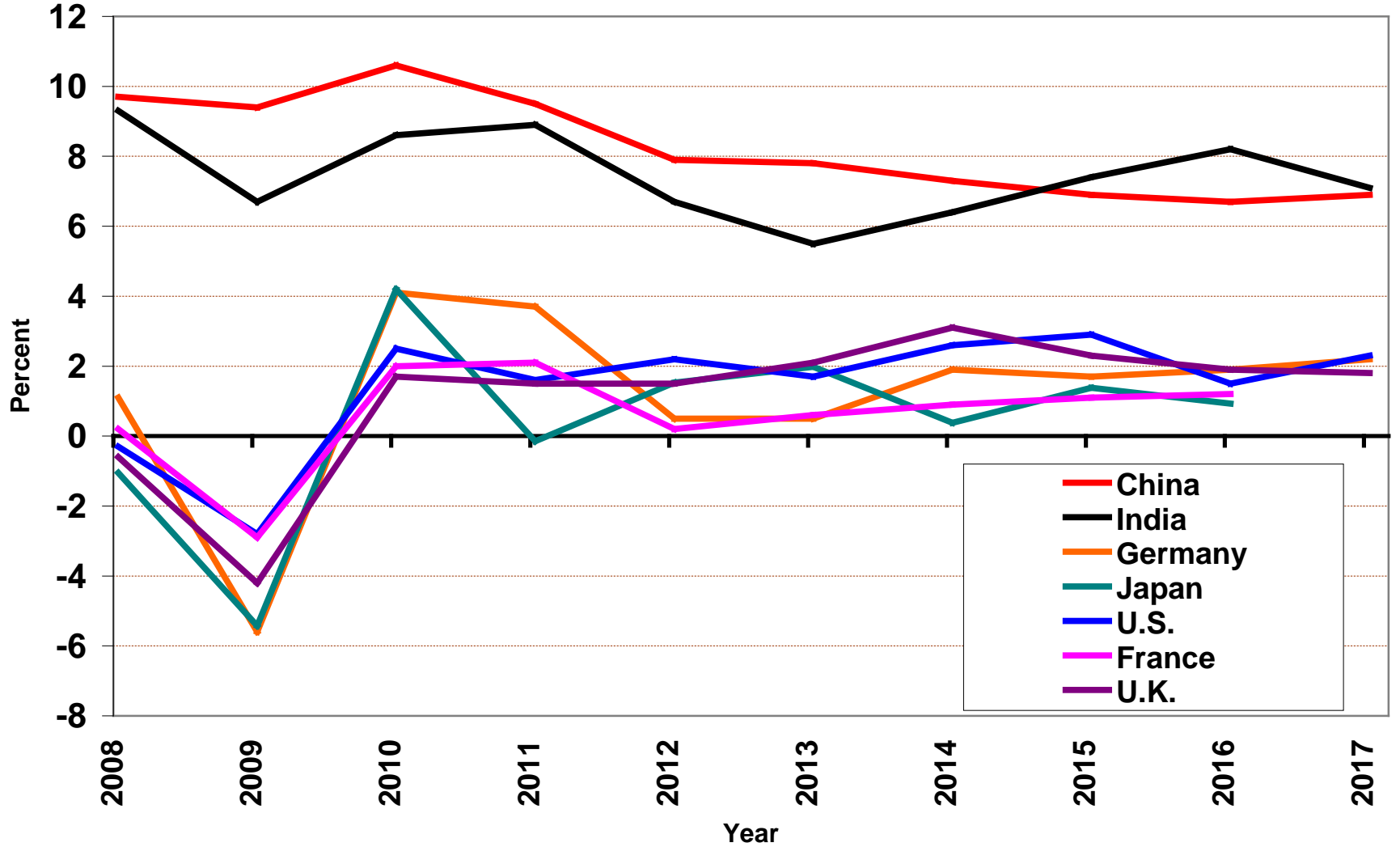
U.S. Real GDP (Annual YoY %) 1998-2019



Source: Bloomberg; Estimated data OECD



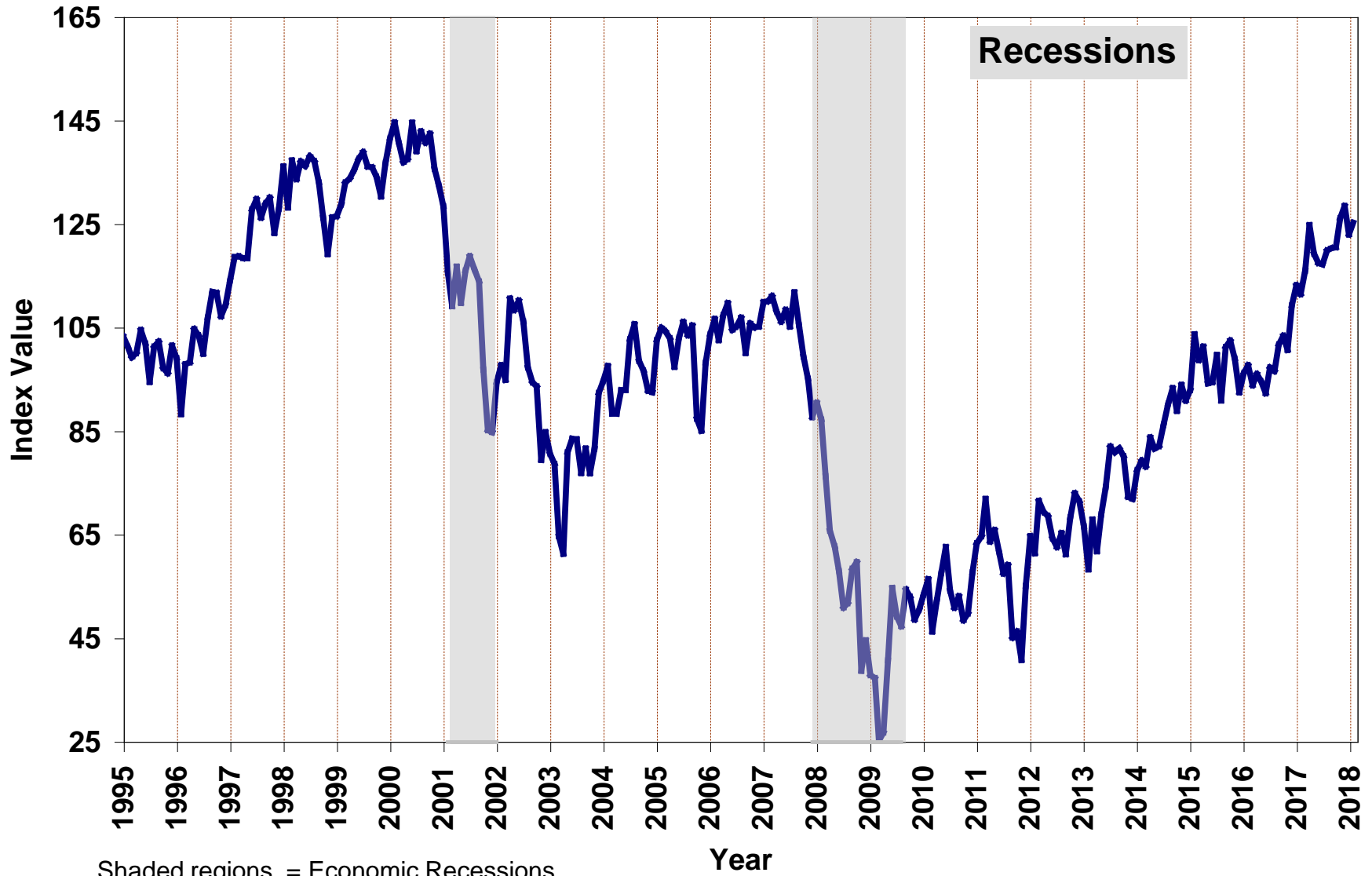
Real GDP (Year/Year %) 2008-2017



Source: Bloomberg



U.S. Consumer Confidence 1995-Jan2018 (Monthly)



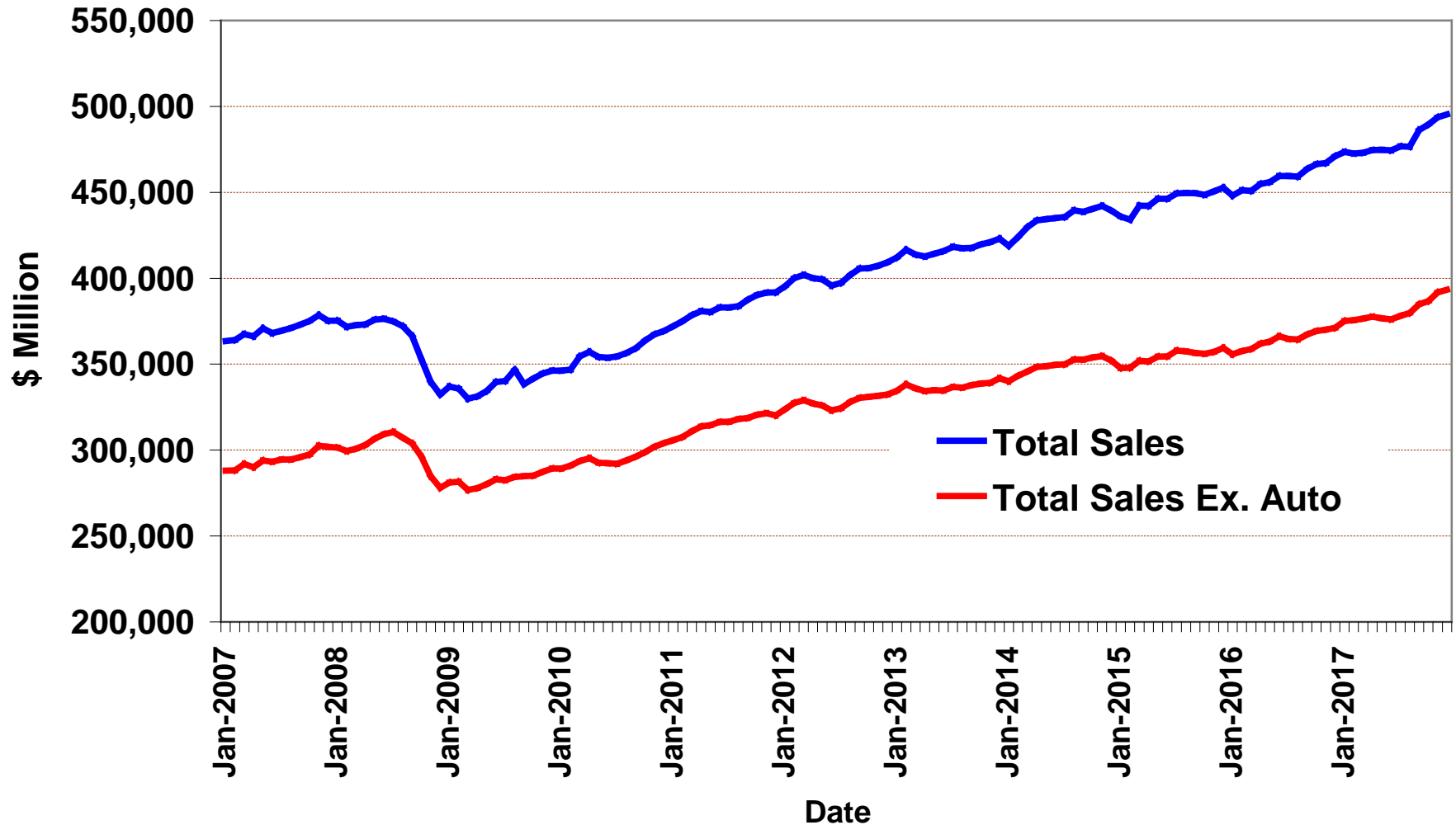
Shaded regions = Economic Recessions

Source: Conference Board; Data Normalized 1985=100



Monthly Retail Sales

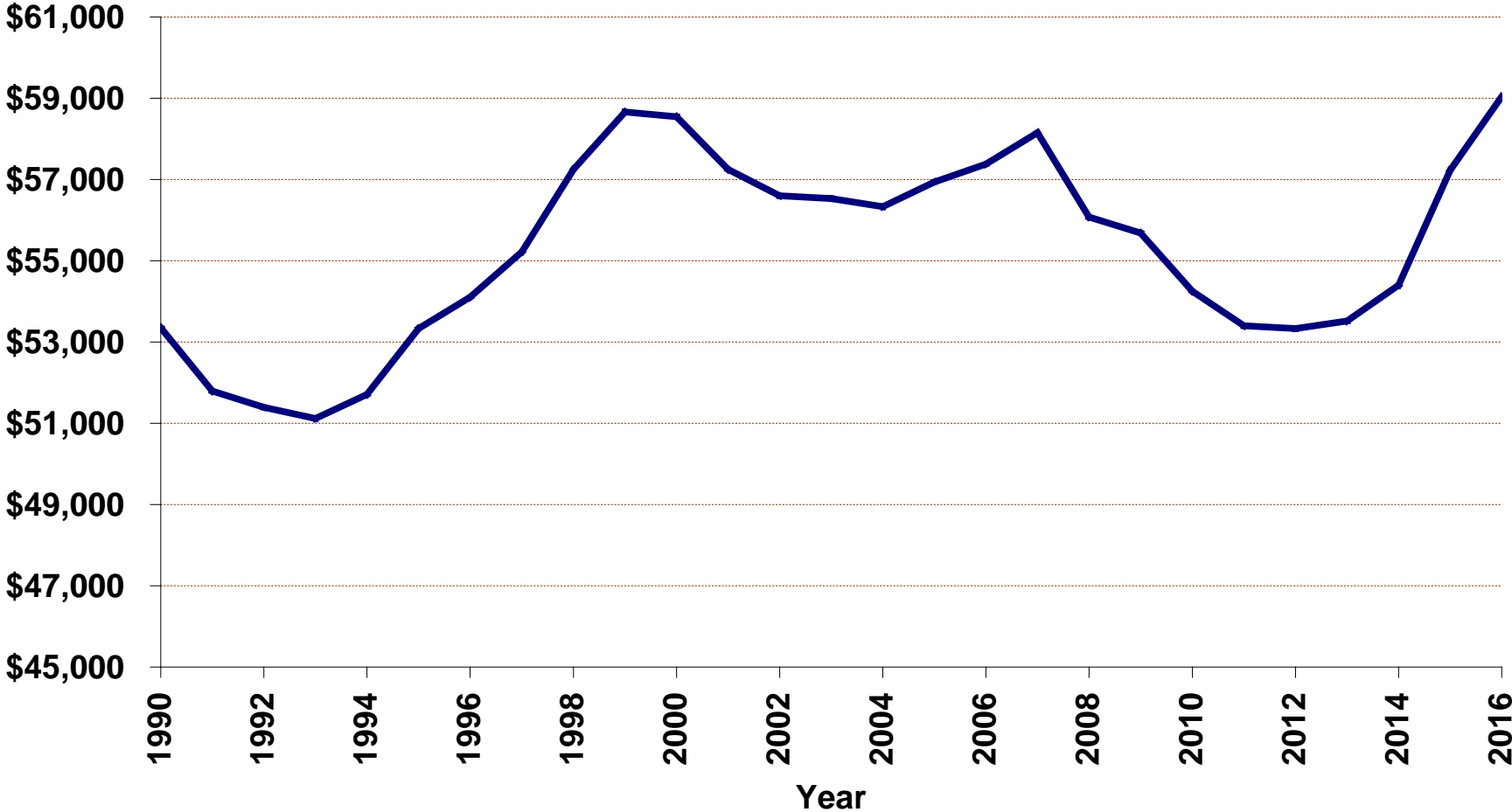
Retail Trade and Food Services: U.S. Total — Seasonally Adjusted Sales
2007-Dec2017



Source: Bloomberg



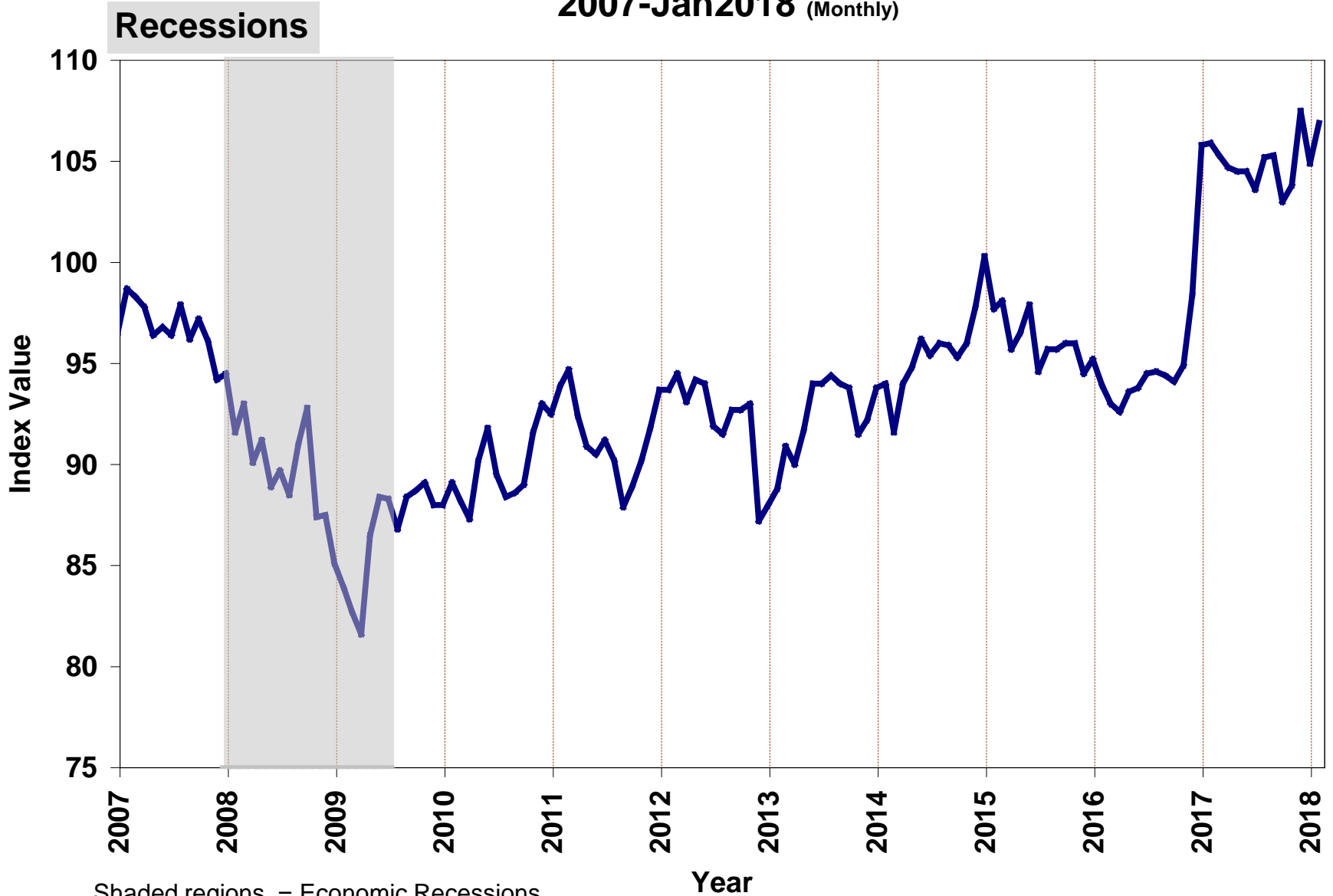
U.S. Household Median Income Real Chained 2015 Dollars 1990-2016 (Yearly)



Source: Bloomberg

NFIB Small Business Optimism Index

2007-Jan2018 (Monthly)

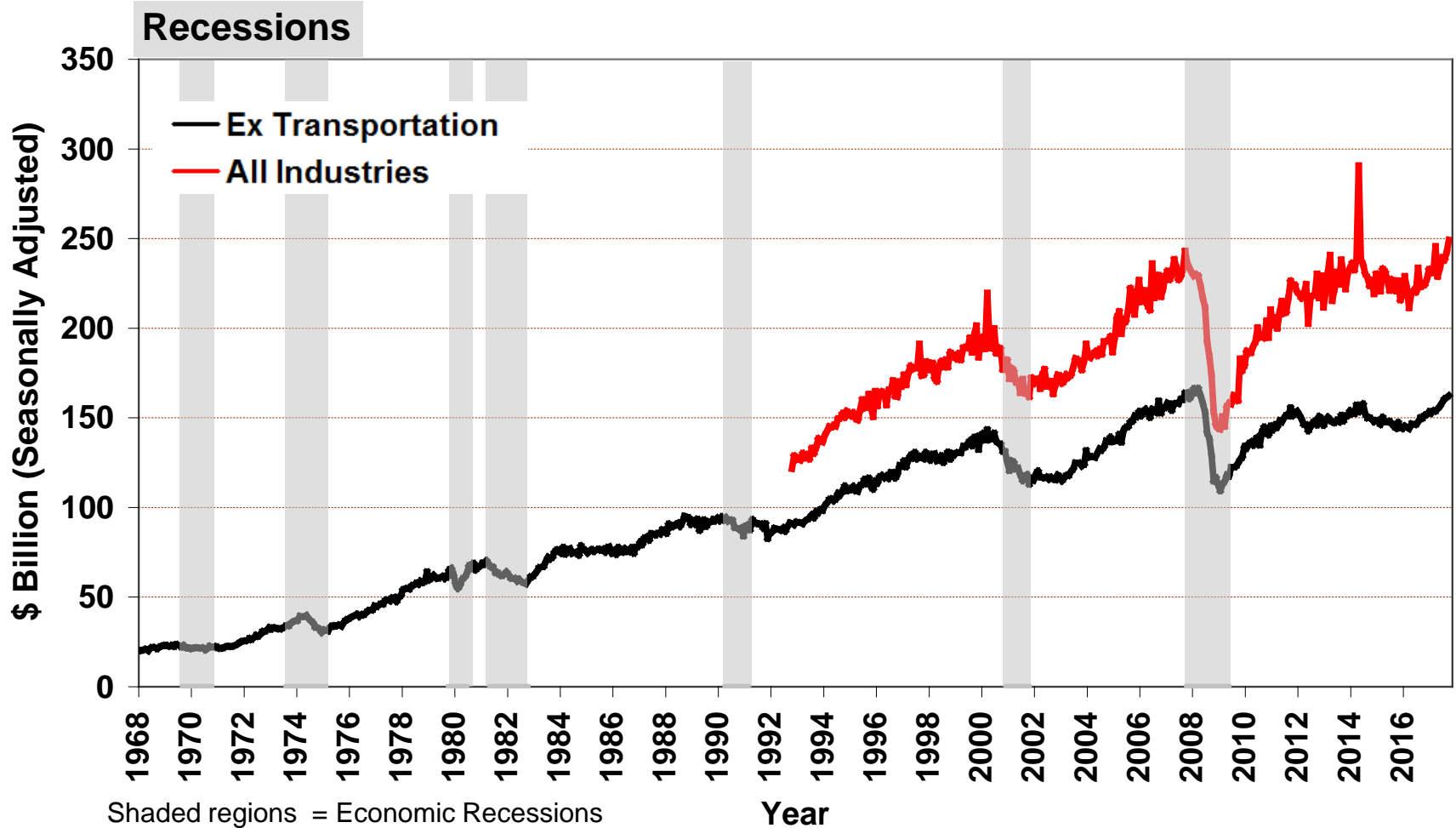


Shaded regions = Economic Recessions

Source: National Federation of Independent Business NFIB; Data Normalized 1986=100



New Orders for Durable Goods \$ Billion - Seasonally Adjusted 1968-Dec2017 (Monthly)



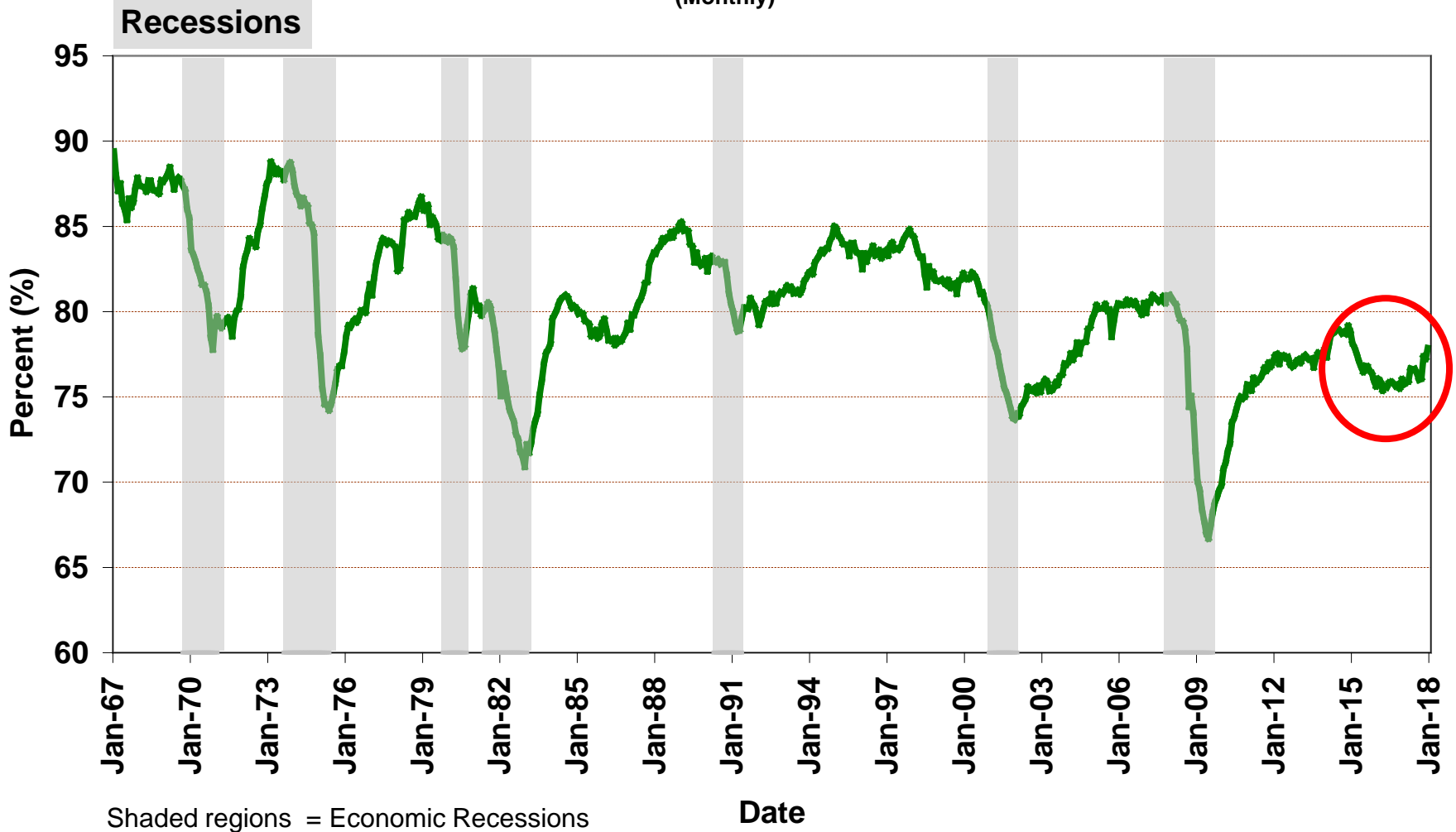
Shaded regions = Economic Recessions

Source: U.S. Census Bureau

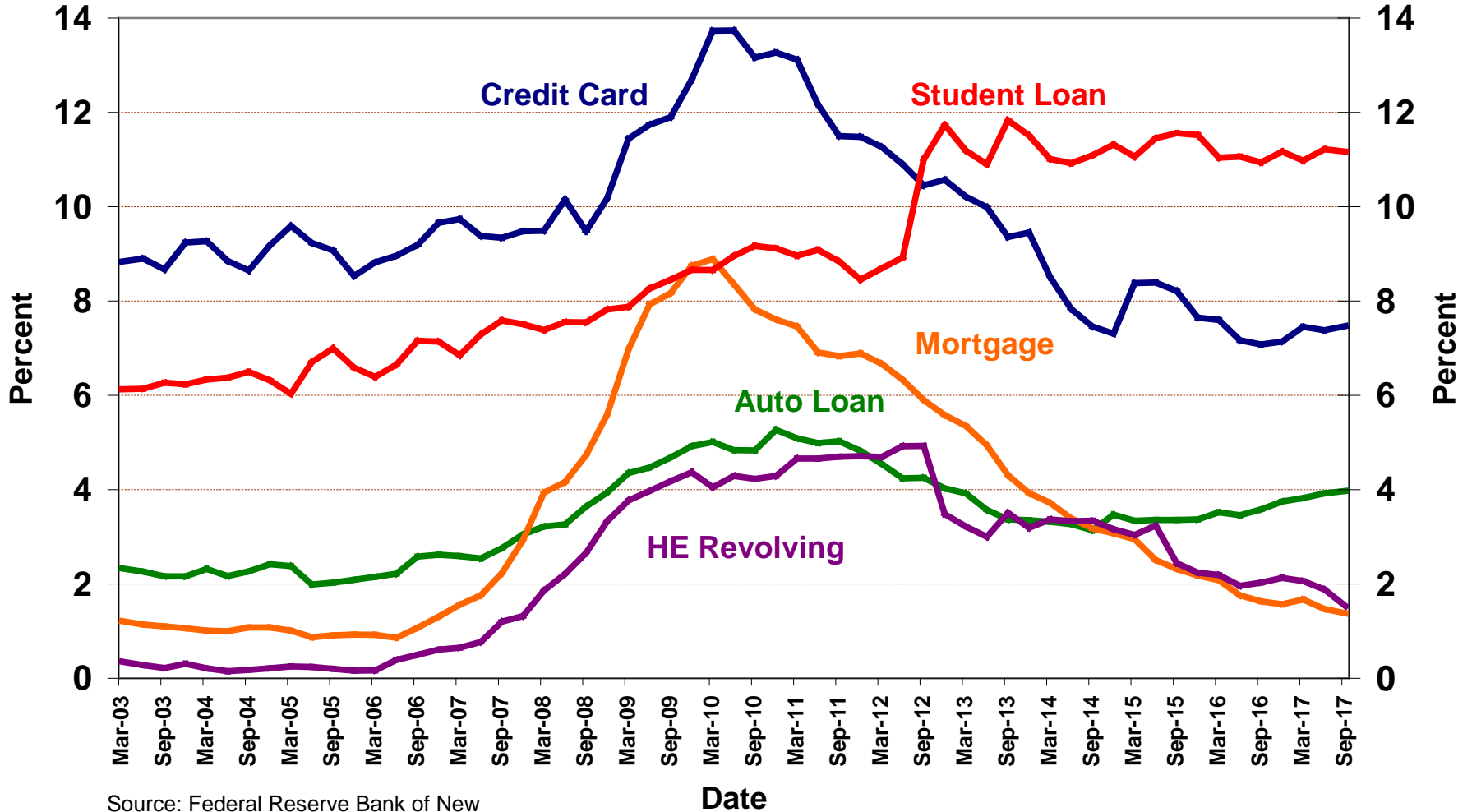


Capacity Utilization: Total Industry 1967-Dec2017

(Monthly)



Percent of Balance 90+ Days Delinquent by Loan Type 2003-Sep2017 (Quarterly)



Source: Federal Reserve Bank of New

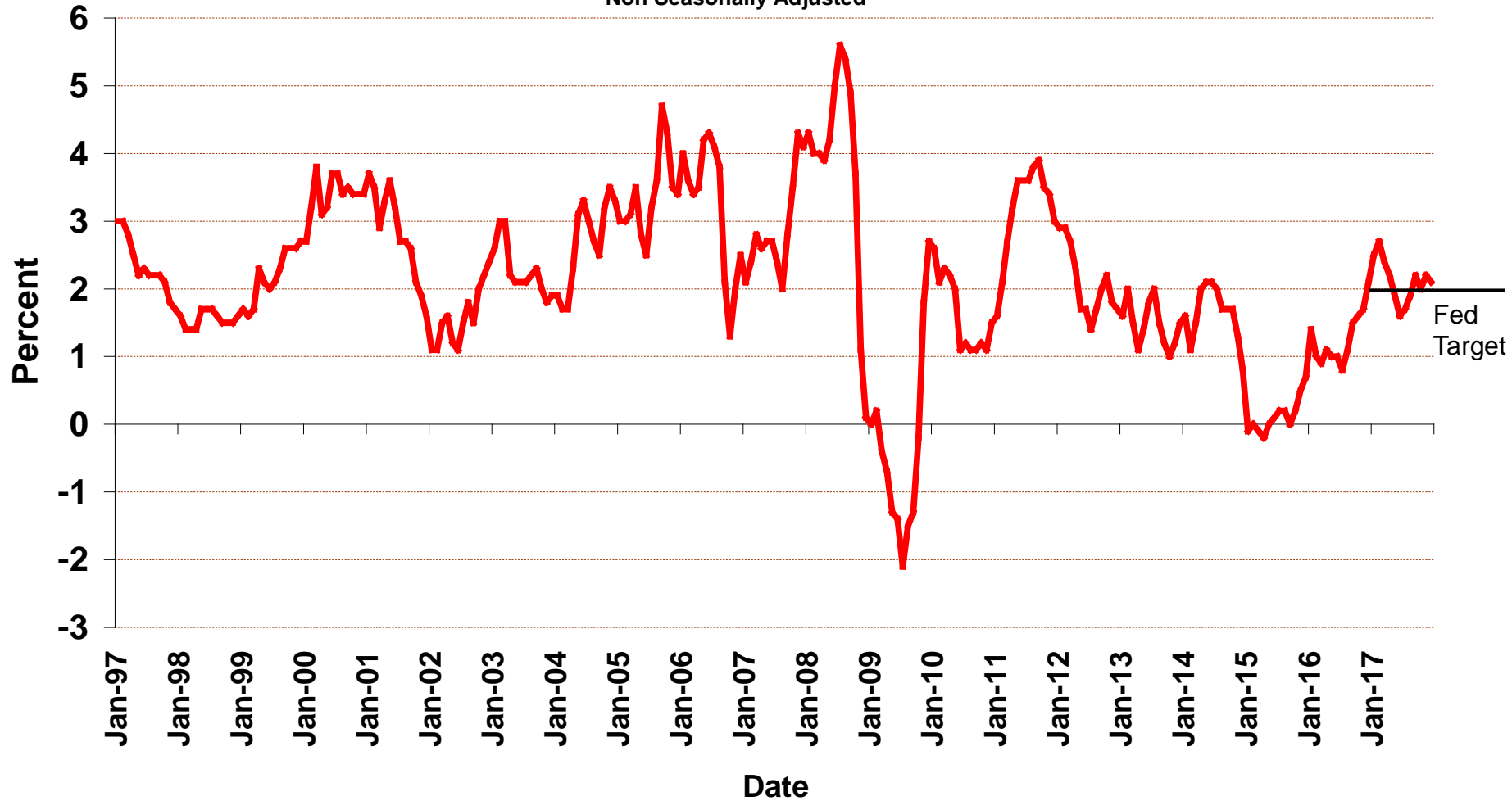


U.S. CPI Urban Consumers

YoY %

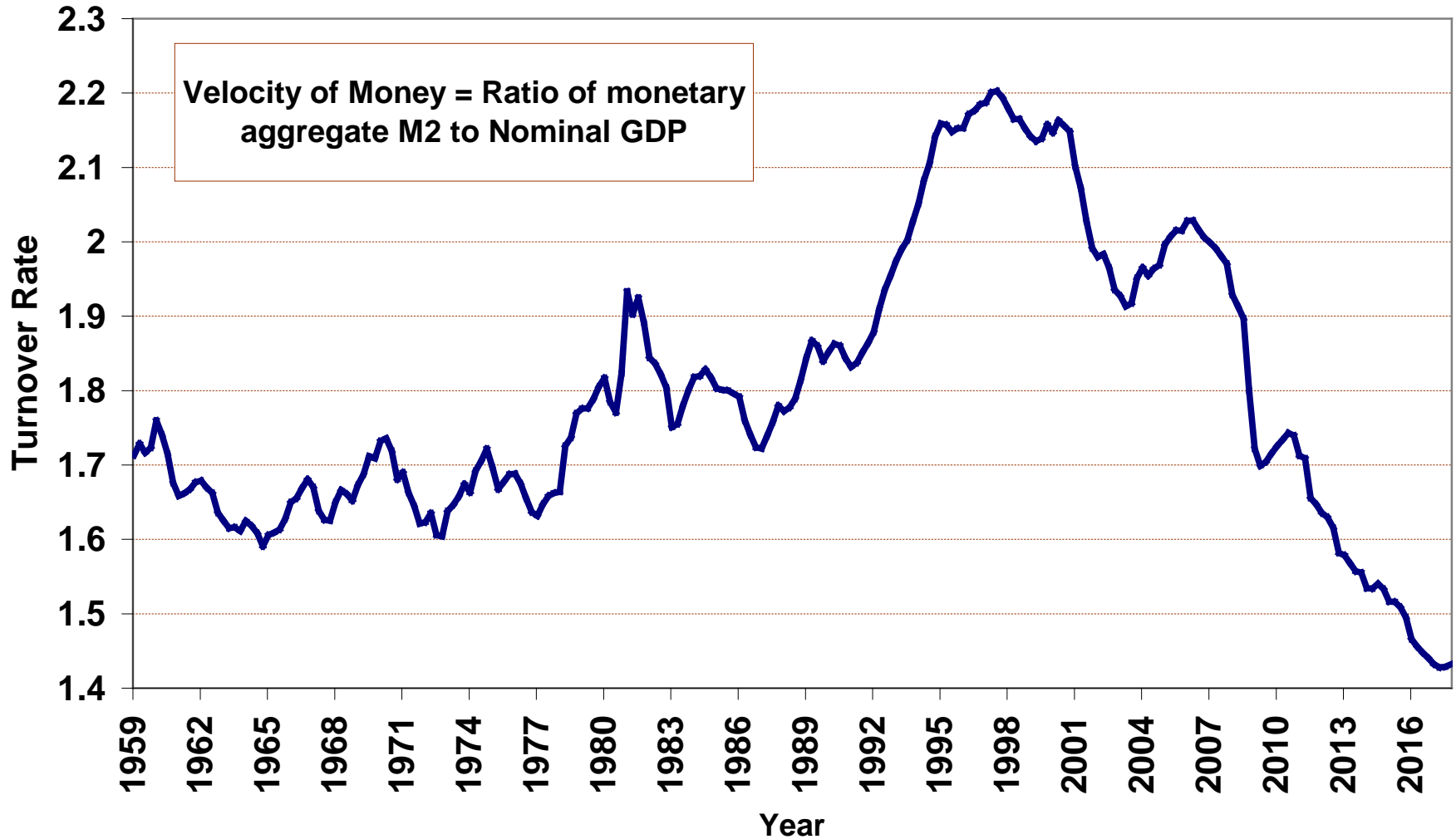
1997-Dec2017

Non Seasonally Adjusted



Velocity of Money - M2 Money Supply

1959-Dec2017 (Quarterly)

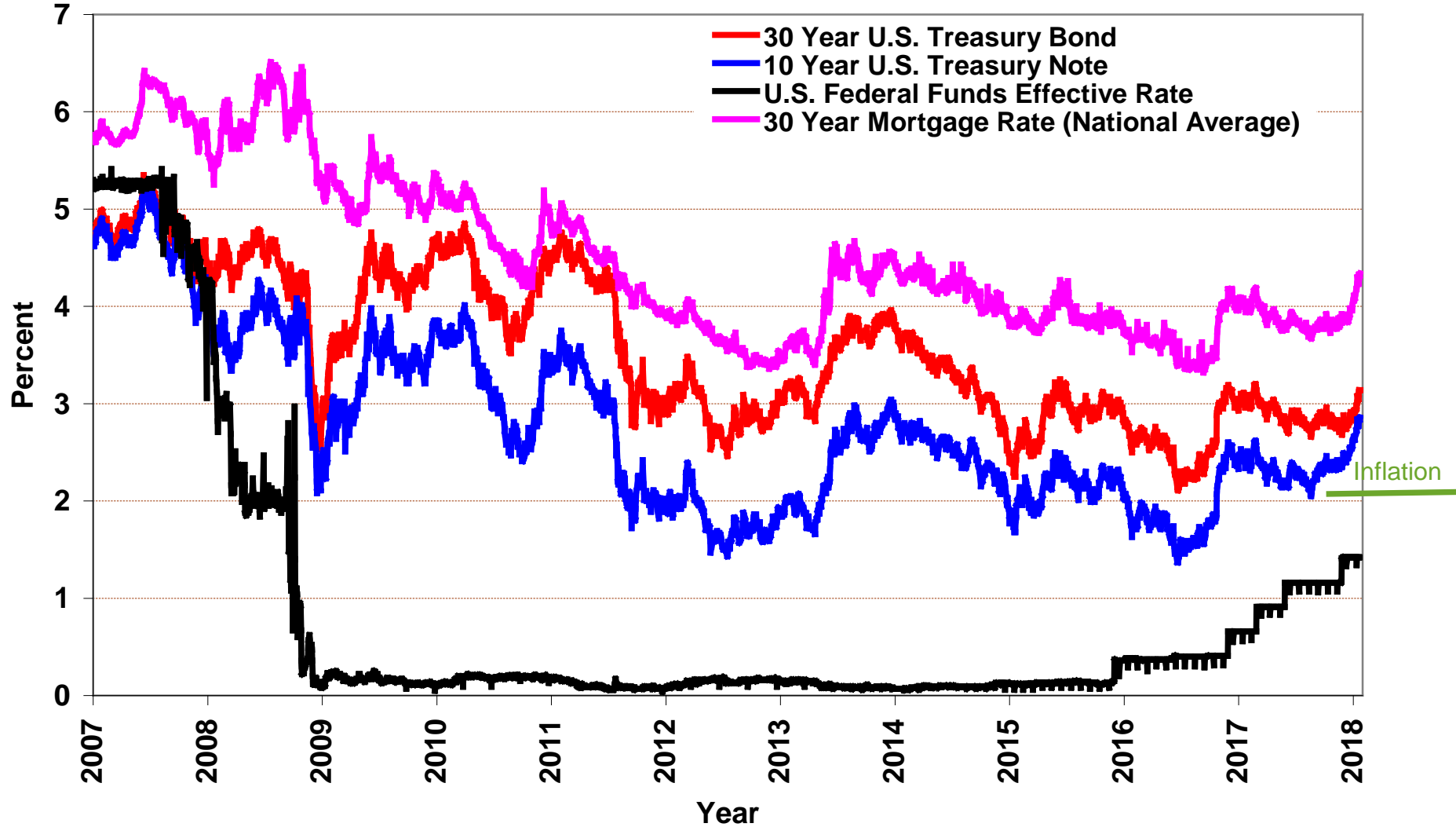


Source: Bloomberg



Interest Rates

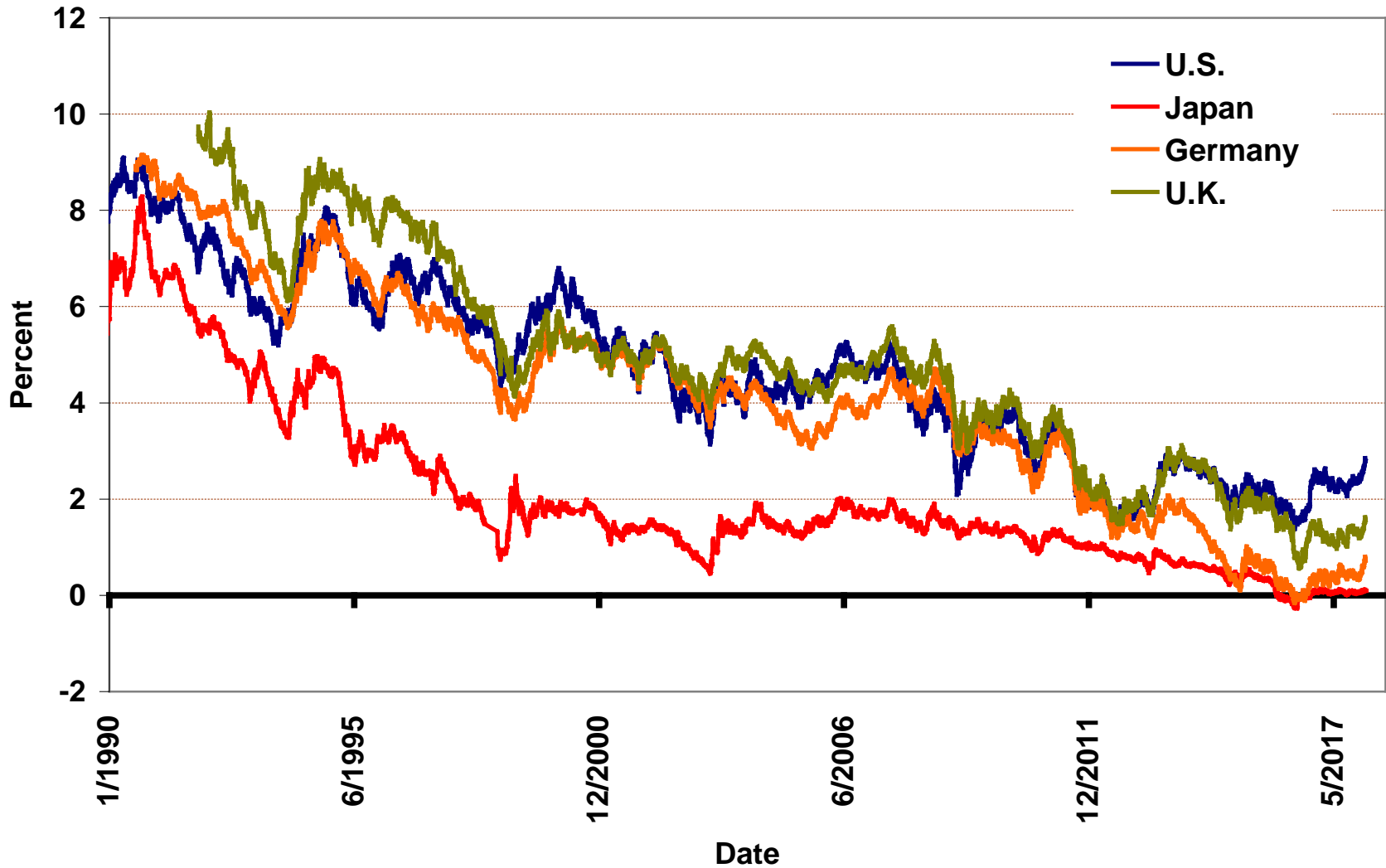
2007-Feb 12, 2018



Source: Bloomberg



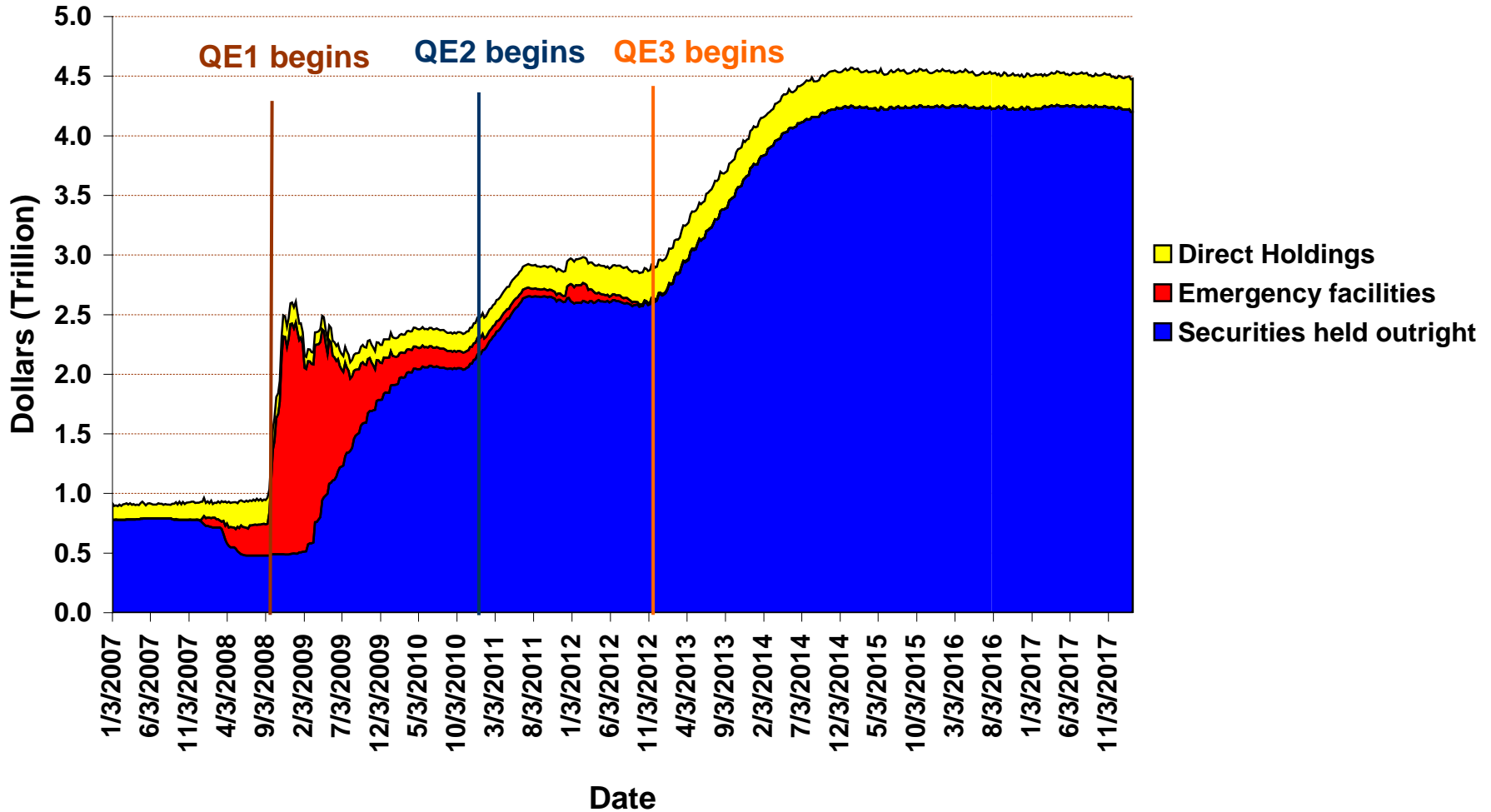
10 Year Sovereign Interest Rate 1990-Feb2018



Source: Bloomberg



Assets on the Federal Reserve's Balance Sheet 2007-Feb2018



U.S. Dollar Index

2008-Feb2018 (Daily)



Source: Bloomberg



Changing the rules: which rules, how much change?

Political Promises

- Repeal Obamacare
- Roll back regulations
- Tax Cuts
 - Business
 - Personal
- Renegotiate trade deals
 - NAFTA
 - Trans-Pacific Partnership (TPP)
 - Relations with Germany and China

Progress so far

- Repealed penalty for no insurance as part of tax package
- Regulations being reduced mostly by cabinet members.
- Passed. Mostly reduced corporate taxes, smaller reductions to personal taxes.
- NAFTA re-negotiations continue. TPP dead. Tariffs on solar panels and washing machines

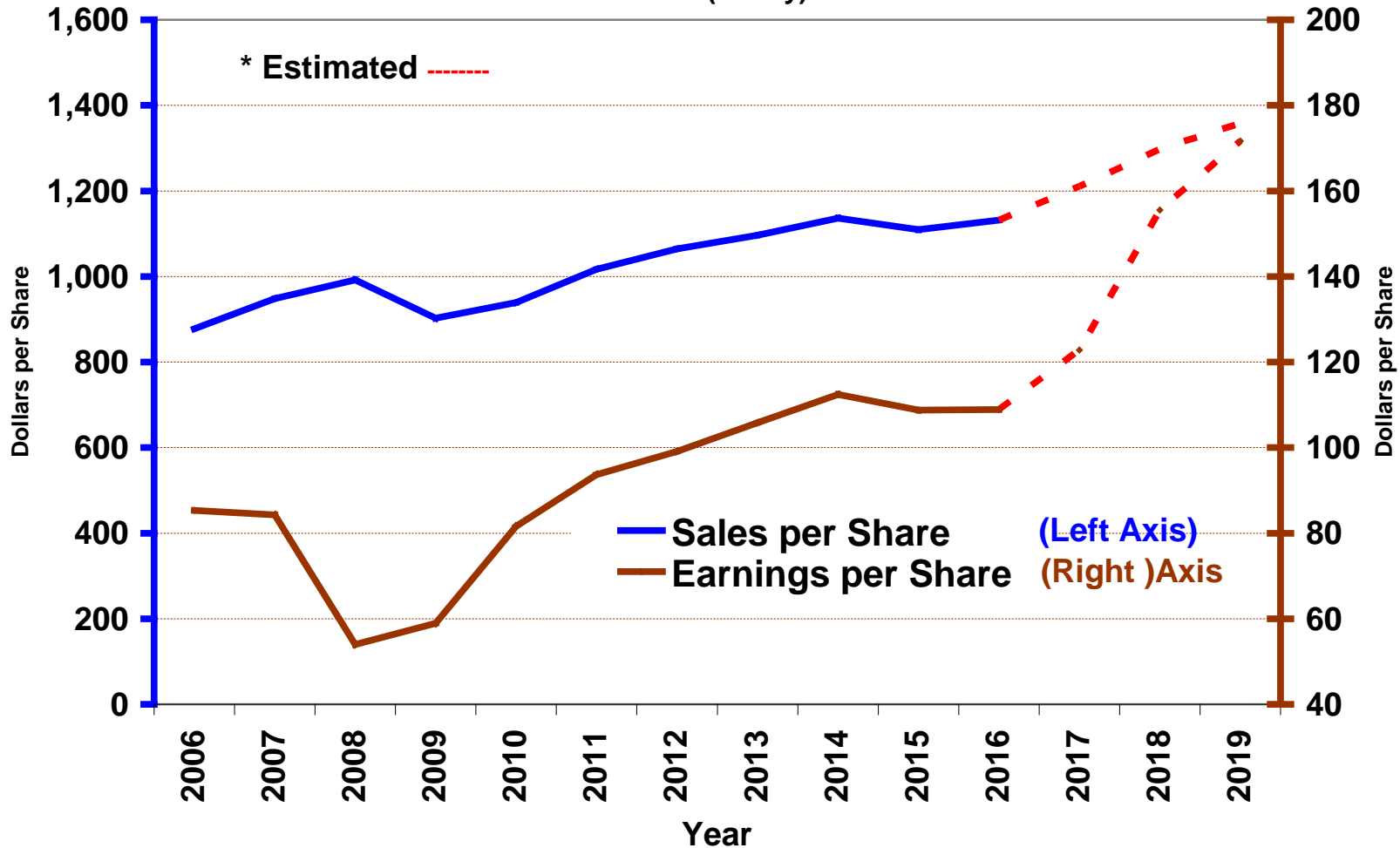


S&P 500 Index

Sales and Earnings per Share*

2006-2019

(Yearly)

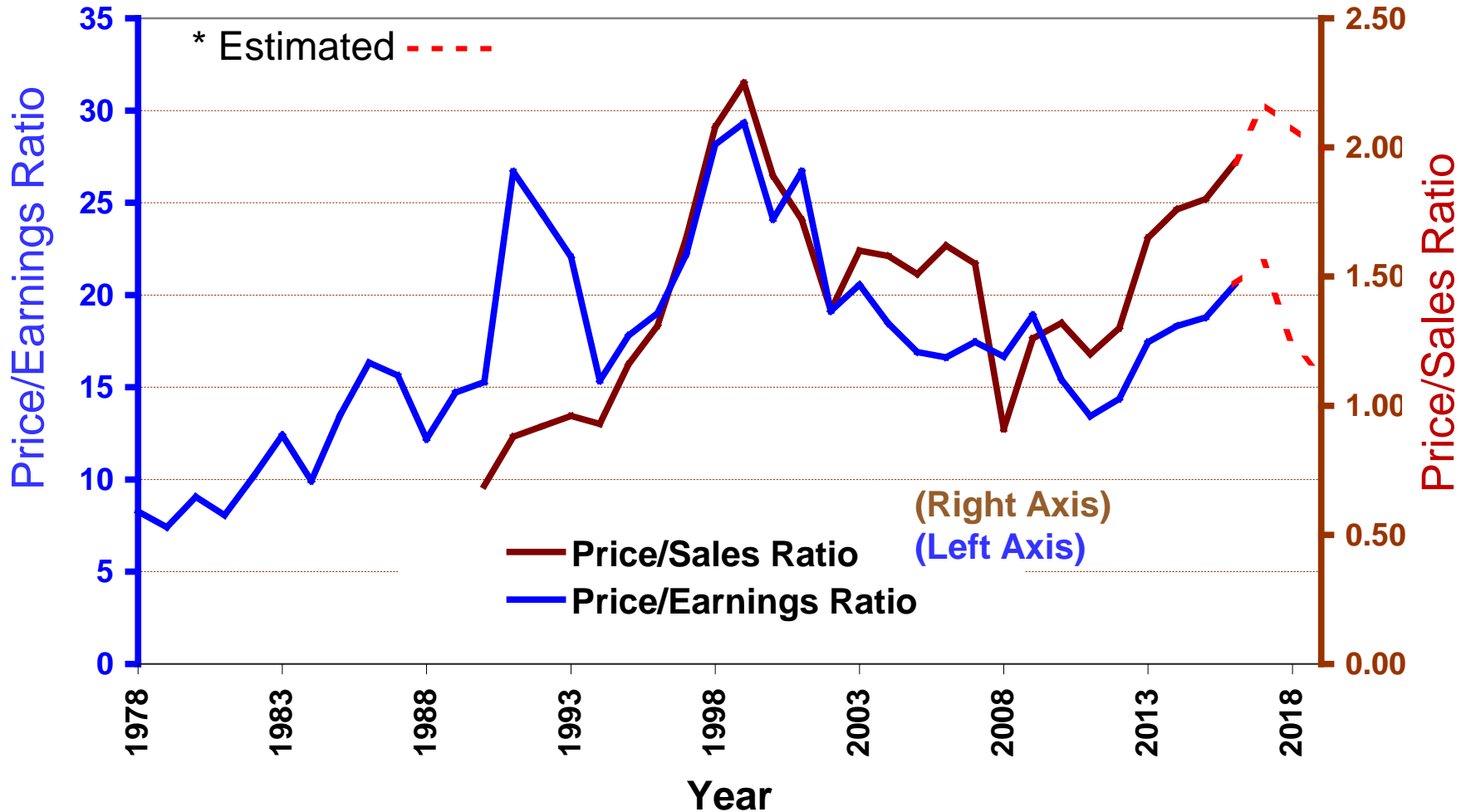


NOTE: The S&P 500 Index is a widely recognized, unmanaged index of common stock prices. You cannot invest directly in an index. Past performance of EPS growth is not an indicator of future earnings growth.

* Source: Bloomberg: 2017-2019 forward estimates



S&P 500 Index 1978-2019 (Yearly)

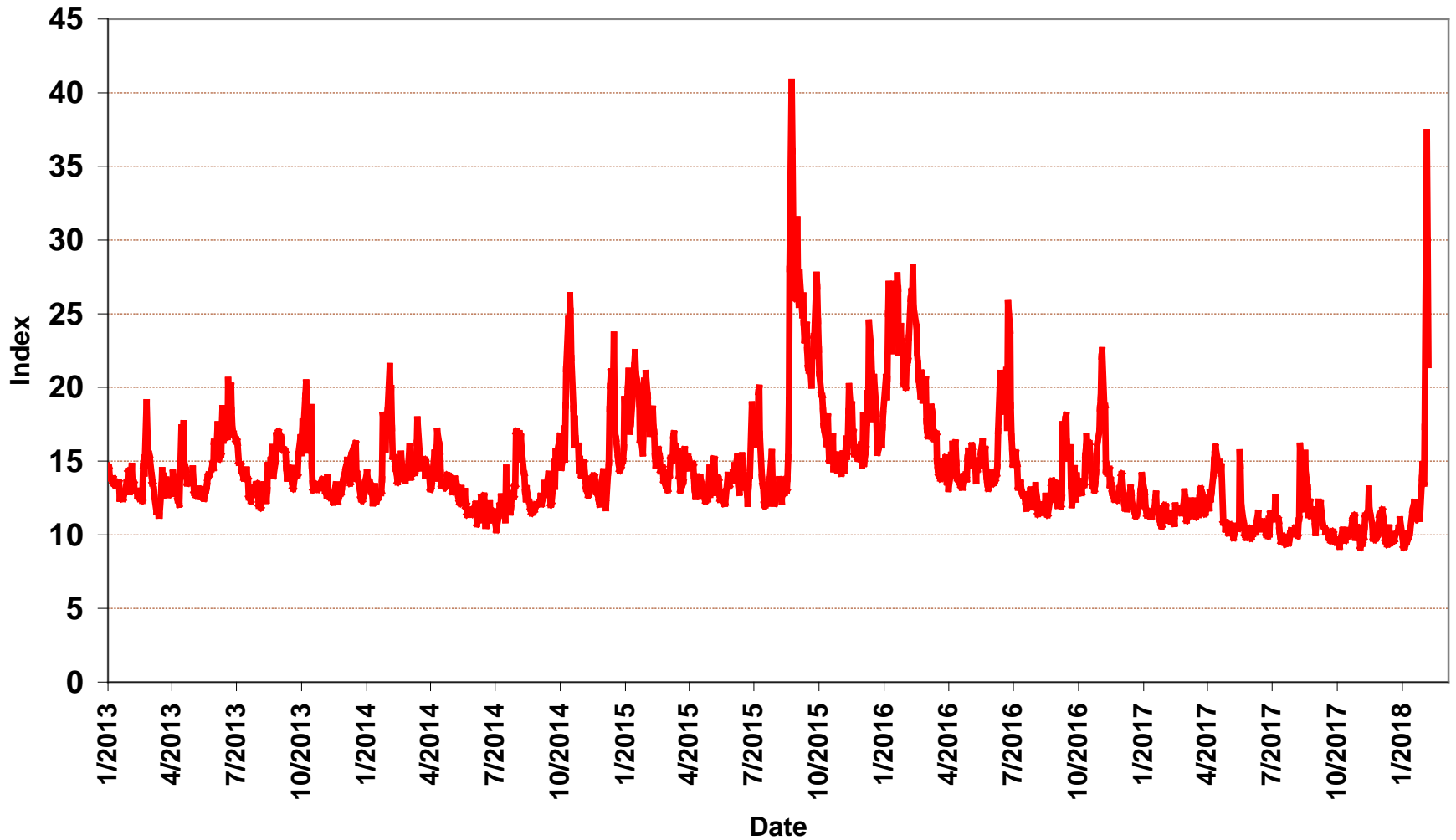


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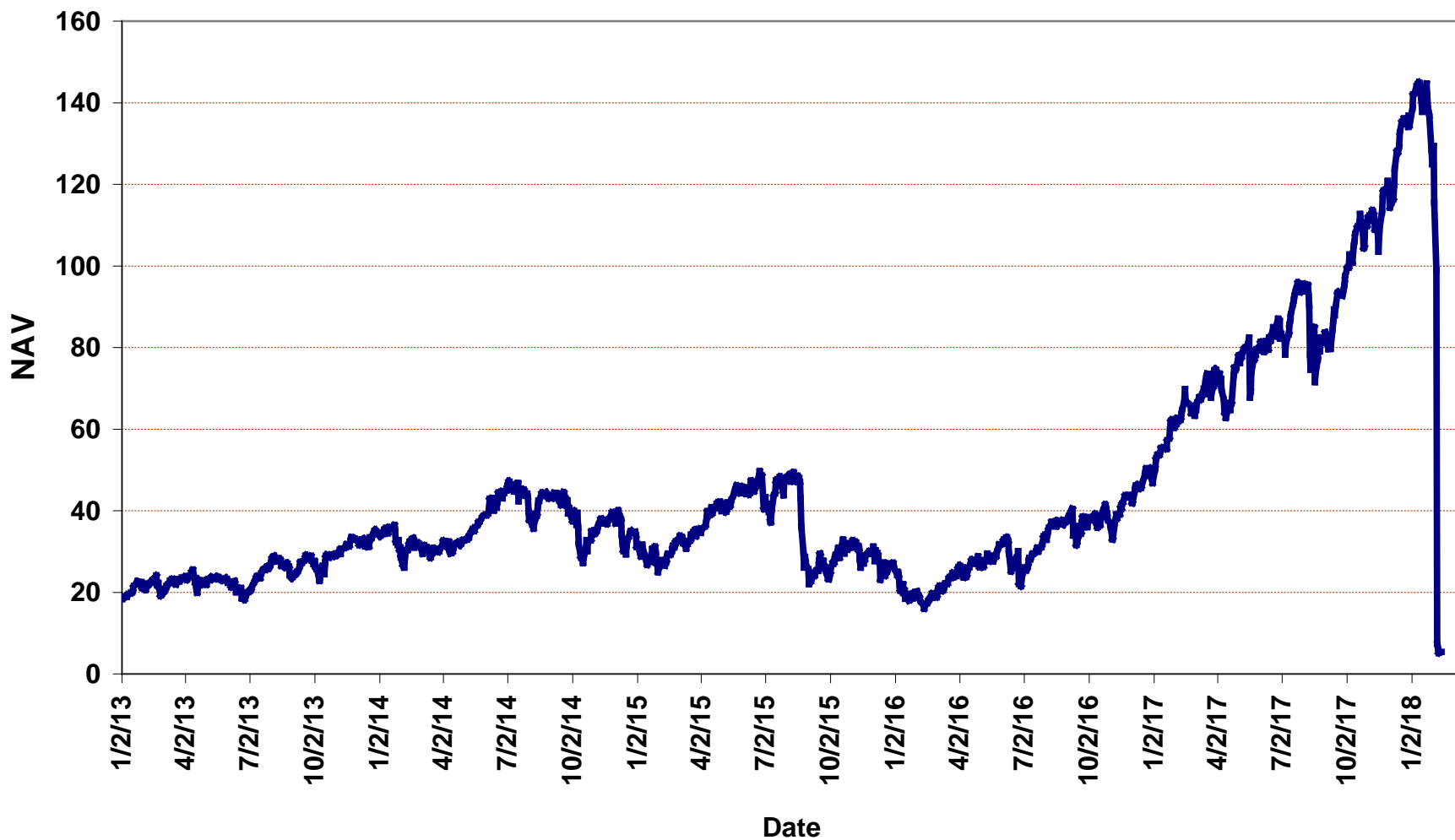
Chicago Board Options Exchange SPX Volatility Index (VIX) 2013-Feb2018



Source: Bloomberg



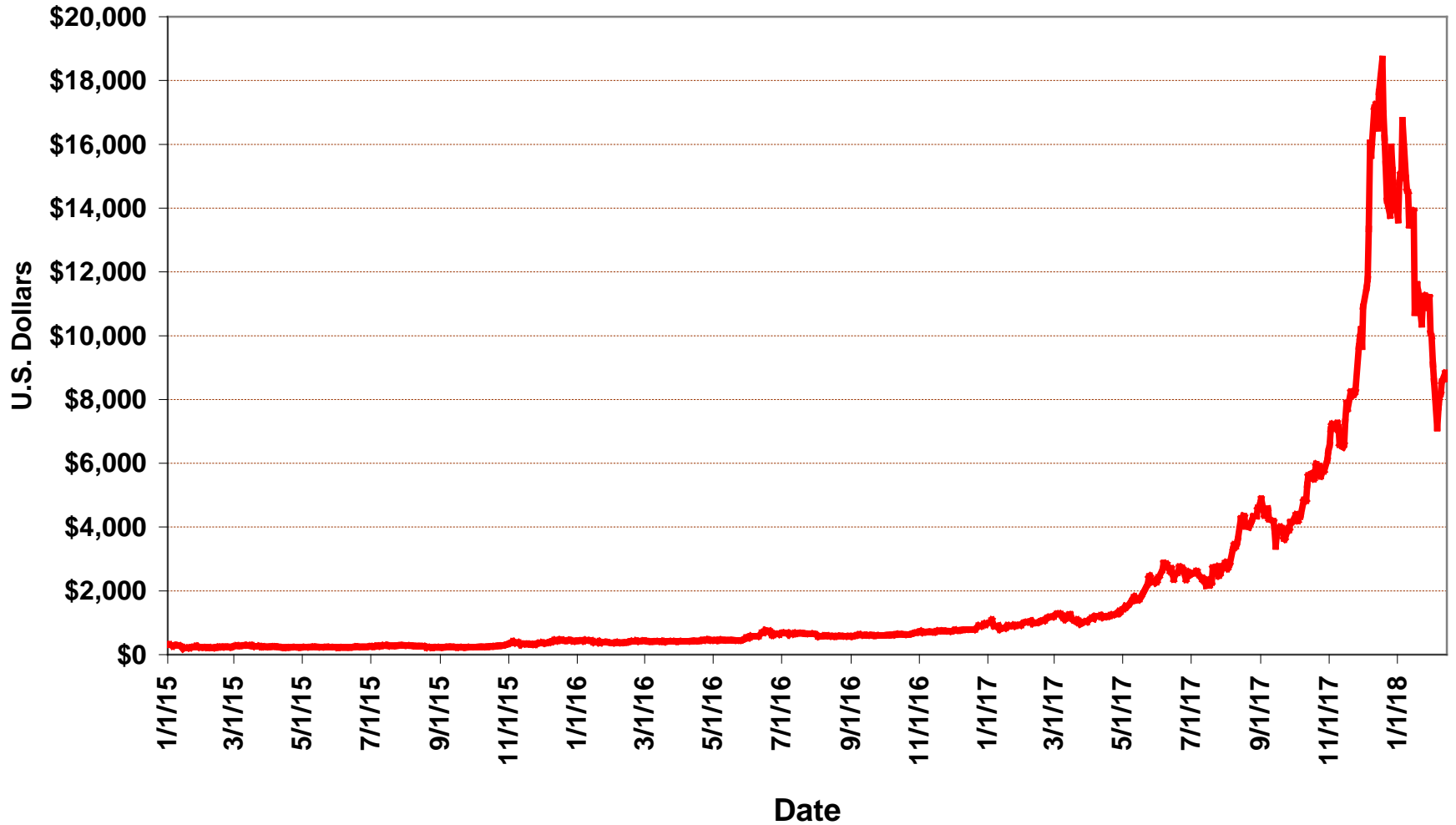
VelocityShares Daily Inverse VIX Short-Term ETN 2013-Feb2018



Source: Bloomberg



Bitcoin U.S. Dollar Cross Rate 2015-Feb2018

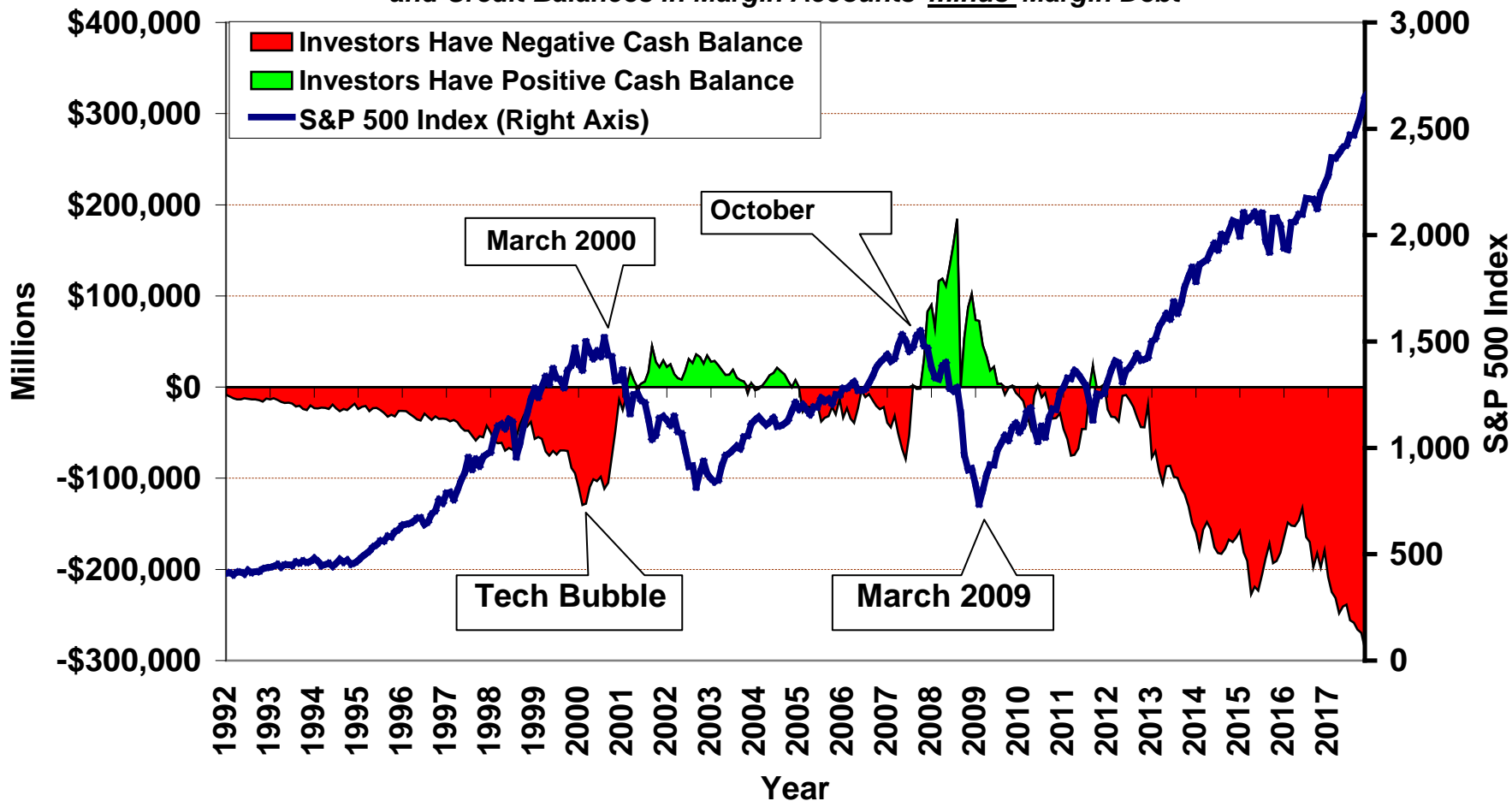


Source: Bloomberg



NYSE Investor Credit vs. S&P 500 Index 1992-11/30/2017

*Credit Balance calculated as the sum of Free Credit Cash Accounts
and Credit Balances in Margin Accounts minus Margin Debt*



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Questions and Responses

Click on the orange arrow in the upper right-hand corner of your screen to open the control panel where you may submit questions.

For some devices, look for the question mark at the top or bottom of your screen.

We will contact you if we did not have time to respond to your question during the event.



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The comments made during this webcast are opinions and are not intended to be investment advice or a forecast of future events.



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