



National Economic Indicators

April 23, 2018

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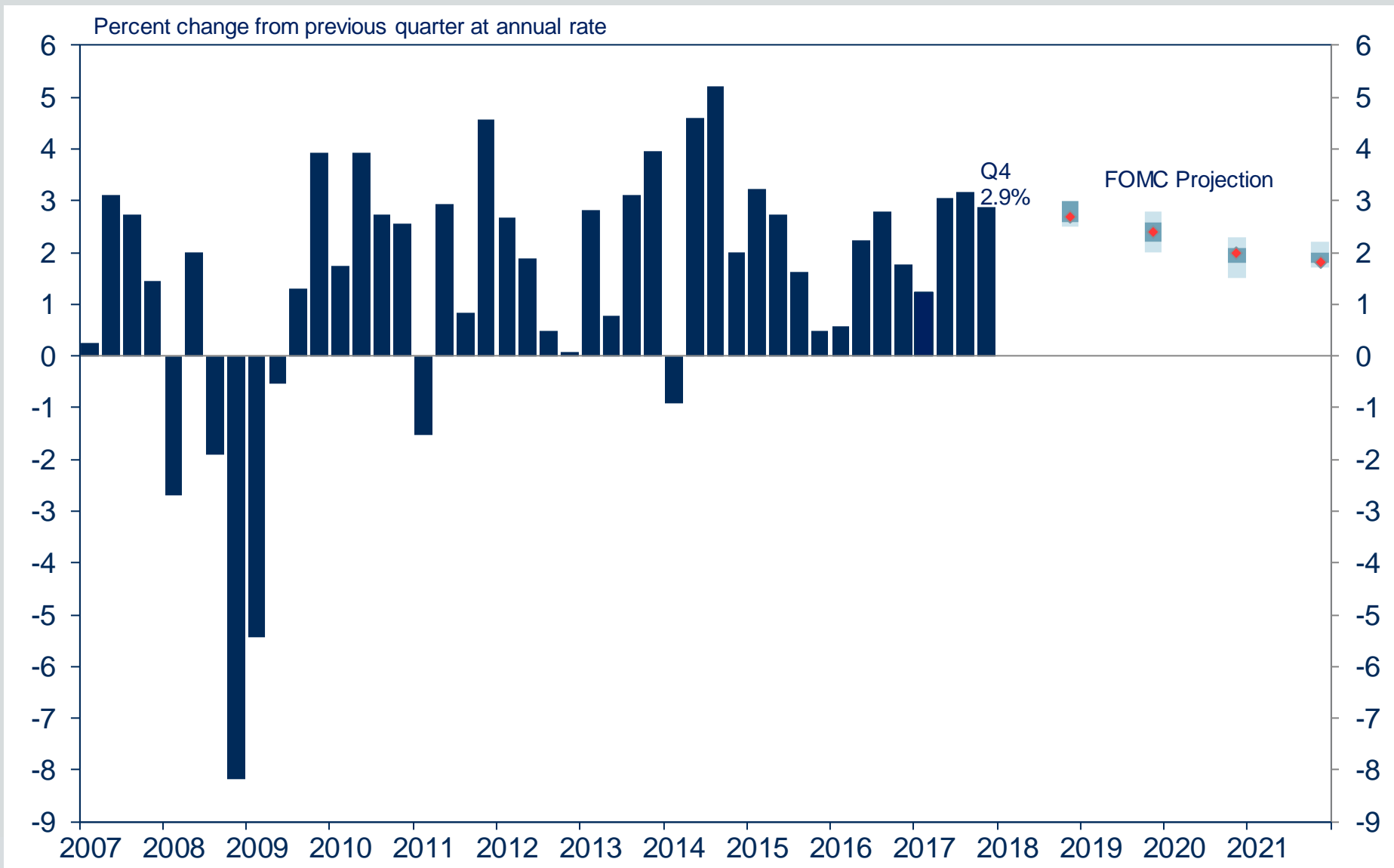
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Real Gross Domestic Product

	2016			2017	
	Q4	Q1	Q2	Q3	Q4
CHANGE FROM PREVIOUS QUARTER AT COMPOUND ANNUAL RATE [Percent]:					
Gross Domestic Product	1.8	1.2	3.1	3.2	2.9
Personal Consumption Expenditures	2.9	1.9	3.3	2.2	4.0
Nonresidential Fixed Investment	0.2	7.2	6.7	4.7	6.8
Structures	-2.2	14.8	7.0	-7.0	6.3
Equipment	1.8	4.4	8.8	10.8	11.6
Intellectual Property	-0.4	5.7	3.7	5.2	0.8
Residential Fixed Investment	7.1	11.1	-7.3	-4.7	12.8
Exports of Goods & Services	-3.8	7.3	3.5	2.1	7.0
Imports of Goods & Services	8.1	4.3	1.5	-0.7	14.1
Government Consumption Expenditures & Gross Investment	0.2	-0.6	-0.2	0.7	3.0
Final Sales to Domestic Purchasers	2.3	2.4	2.7	1.9	4.5
LEVEL IN QUARTER AT SEASONALLY ADJUSTED ANNUAL RATE [Billions of Chained (2005) Dollars]:					
Change in Private Inventories	63.1	1.2	5.5	38.5	15.6
Net Exports of Goods & Services	-631.1	-622.2	-613.6	-597.5	-653.9

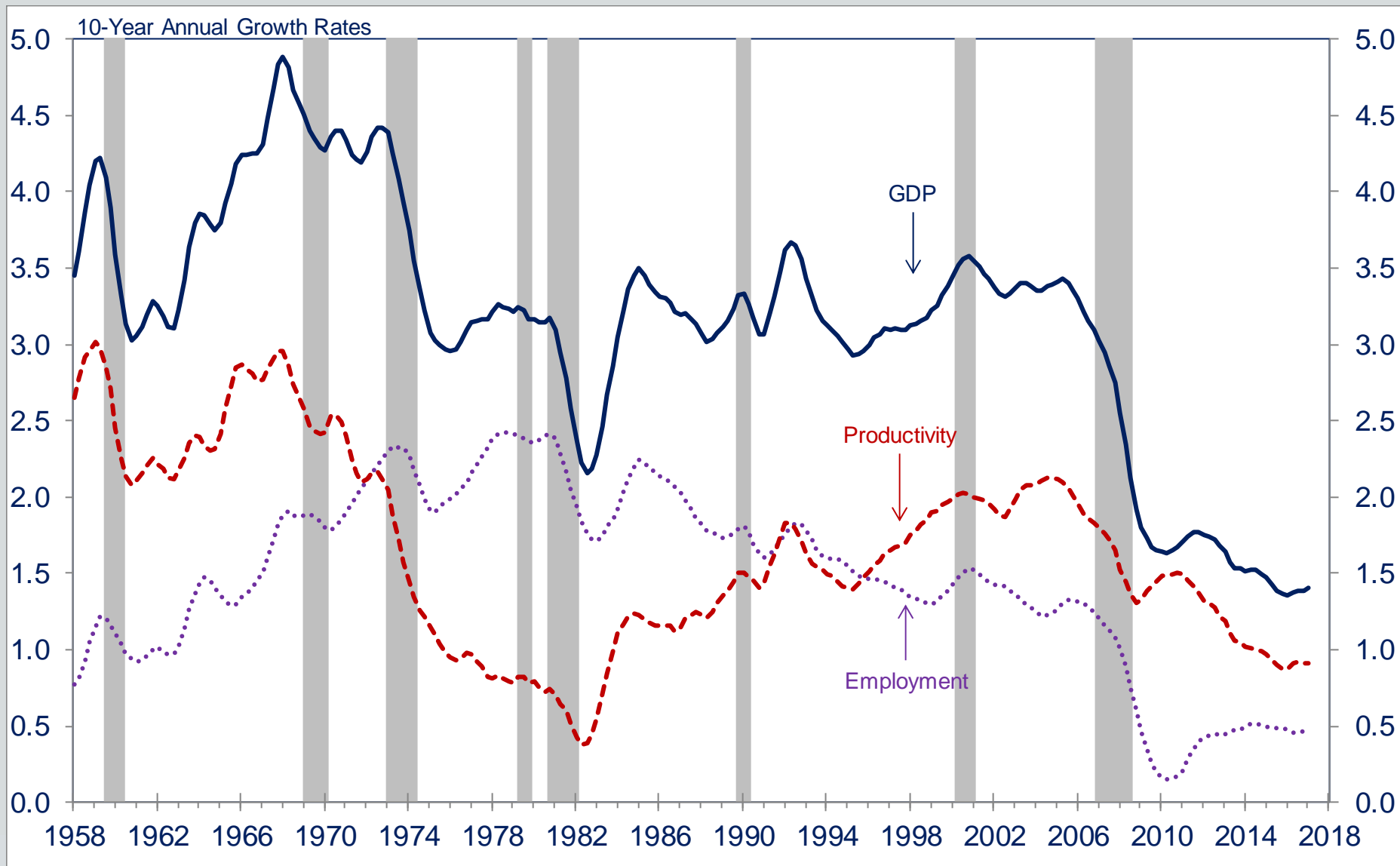
Real Gross Domestic Product



Note: Projection is the median, central tendency, and range from the March 2018 Summary of Economic Projections. Red dots indicate median projections. Projections of change in real gross domestic product (GDP) are from the fourth quarter of the previous year to the fourth quarter of the year indicated.

Source: Bureau of Economic Analysis via Haver Analytics & Federal Reserve Board

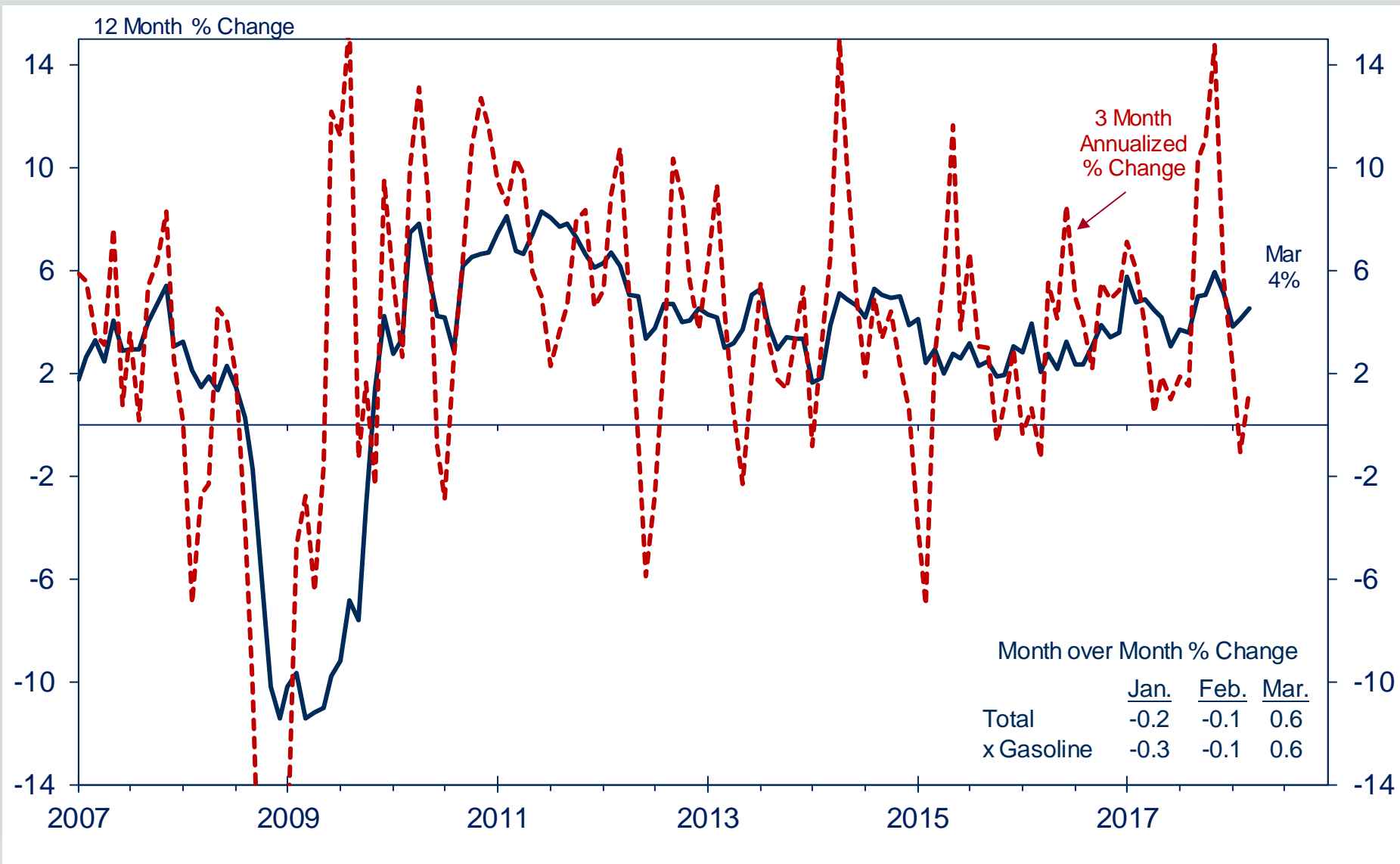
Decomposition of Real GDP



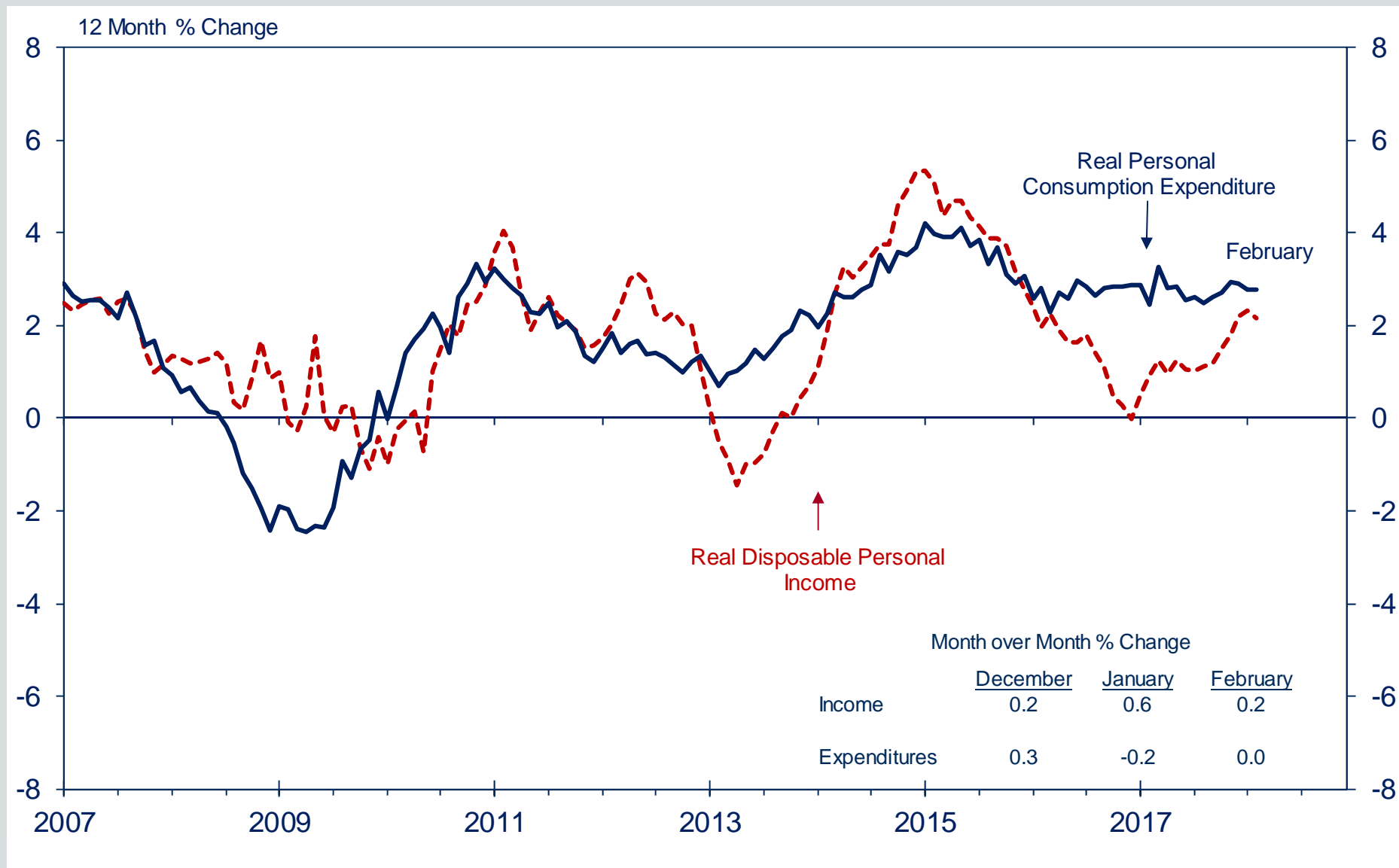
Note: Productivity is calculated as real GDP per employee, from the Household Survey.

Source: Bureau of Economic Analysis and Bureau of Labor Statistics via Haver Analytics 6

Retail Sales



Consumer Spending and Income

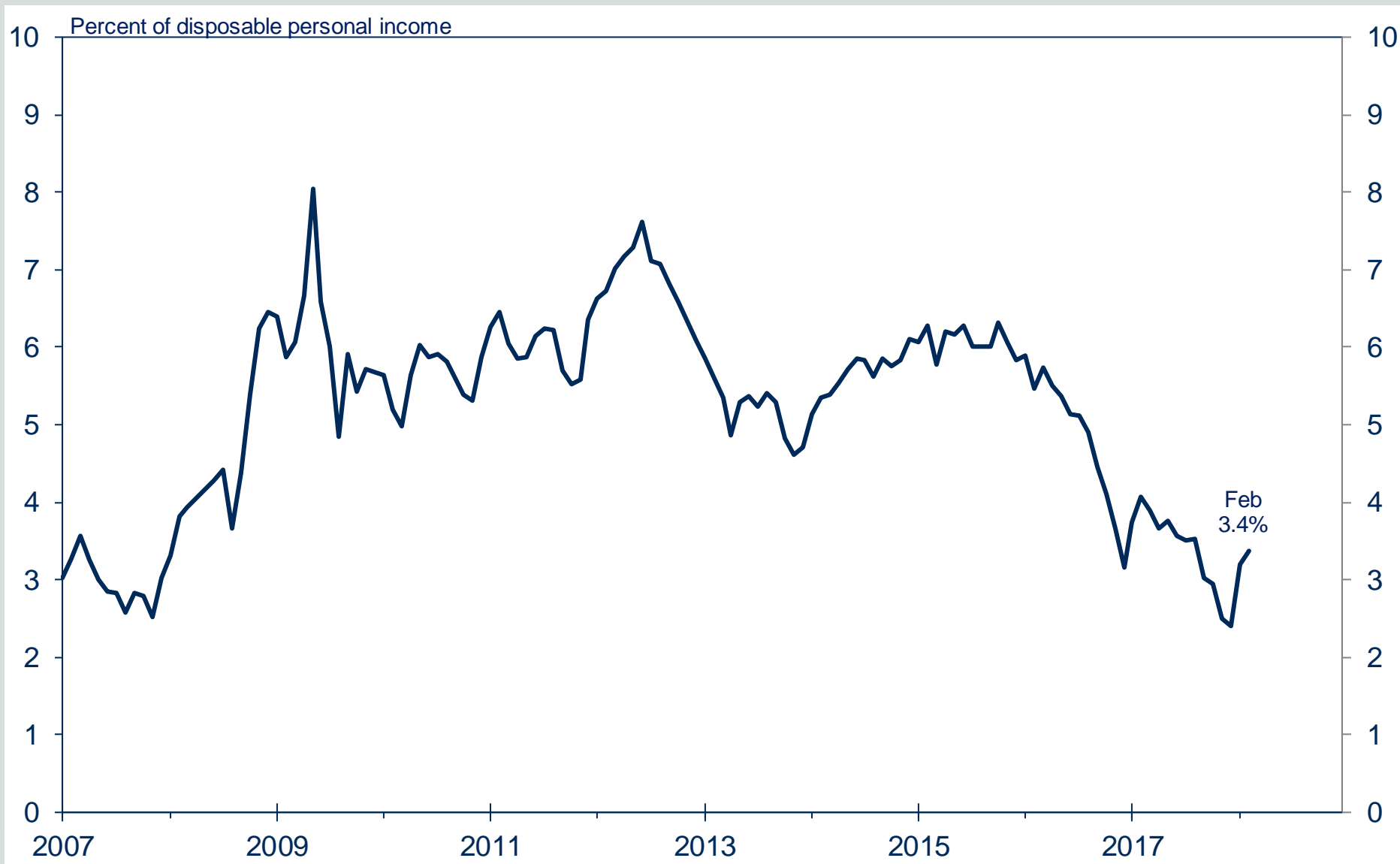


Note: Income has been adjusted to account for temporary fiscal actions in 2008 and 2012-2013.

Sales of Automobiles & Light Trucks

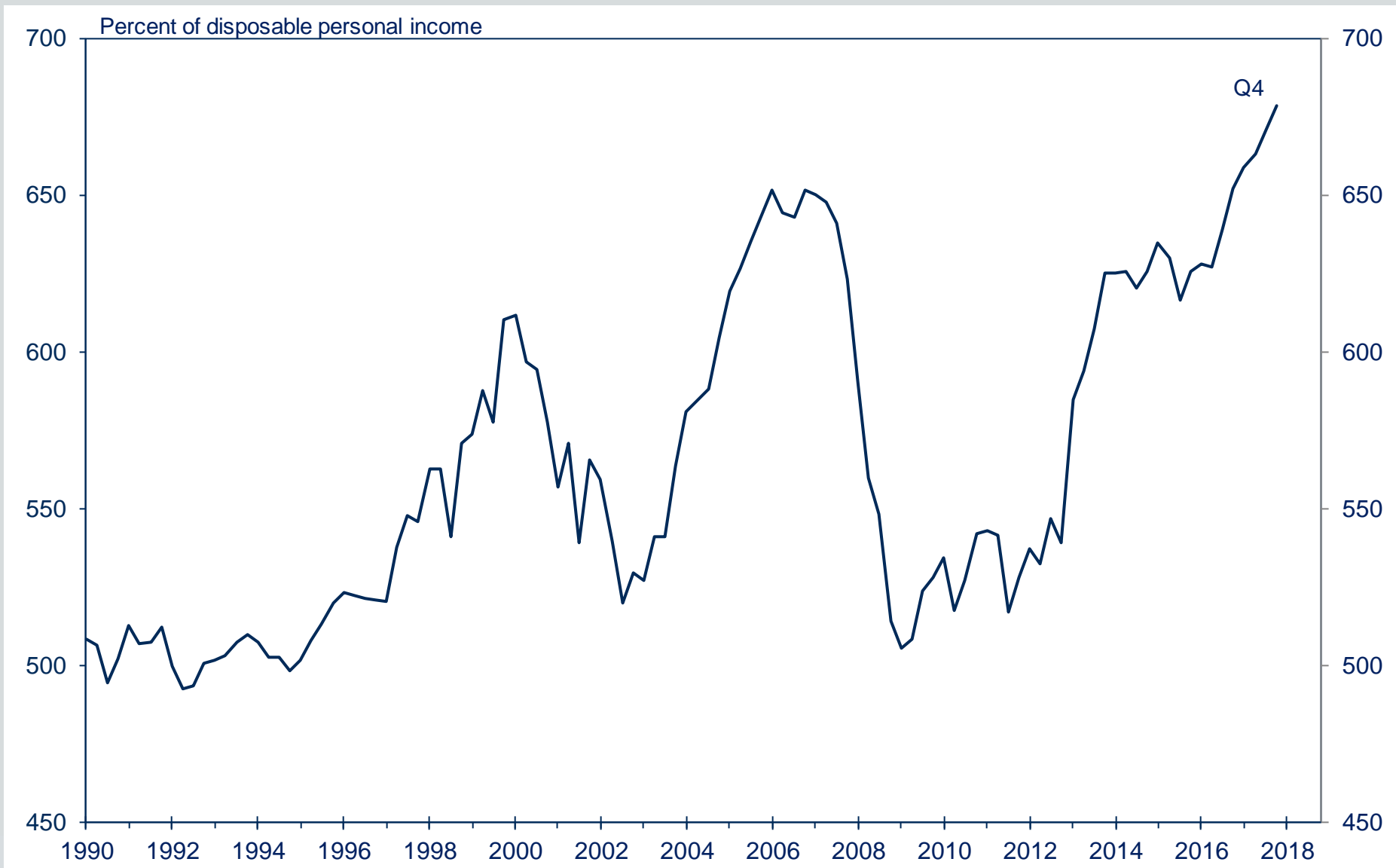


Personal Saving Rate

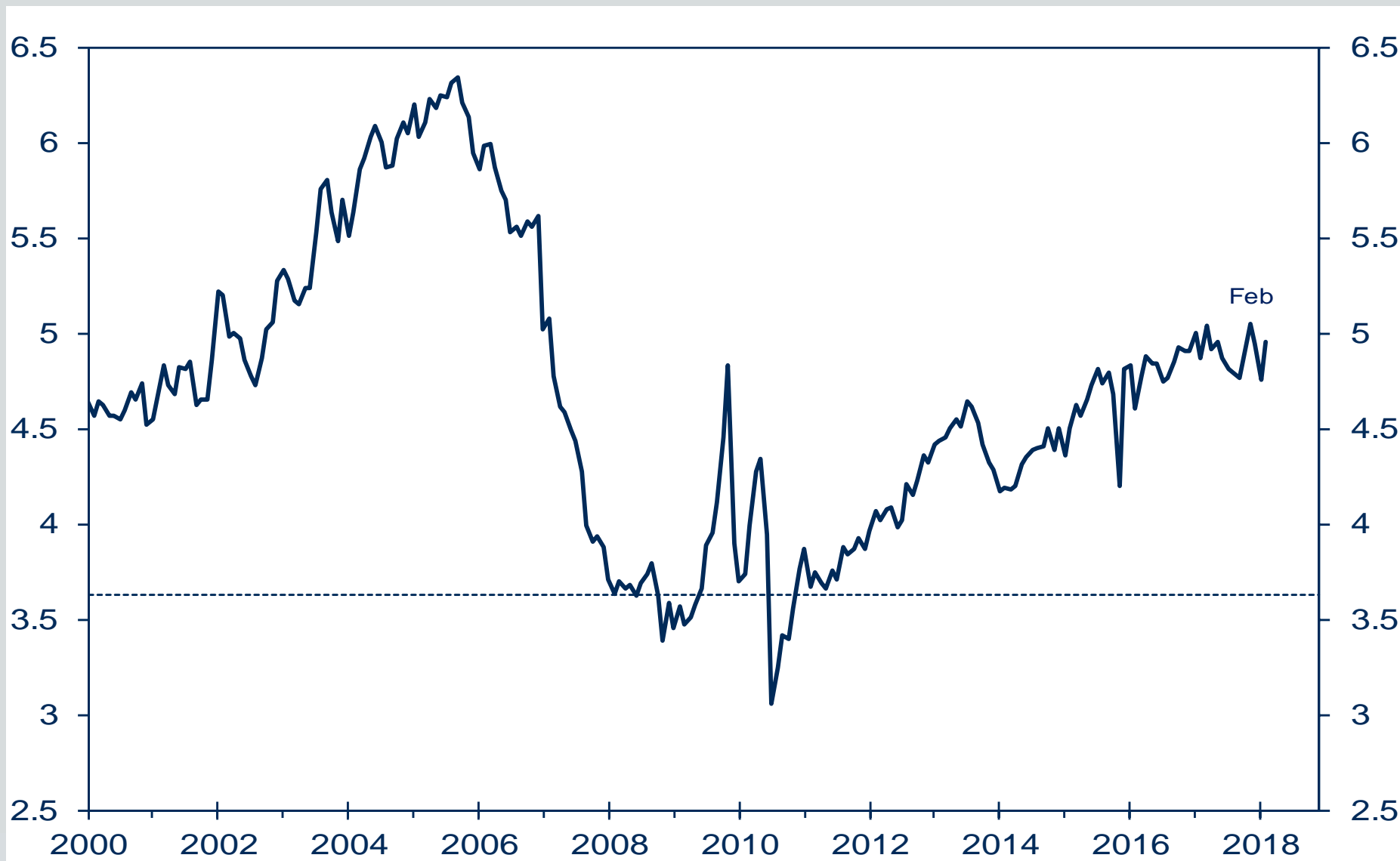


Note: Income has been adjusted to account for temporary events

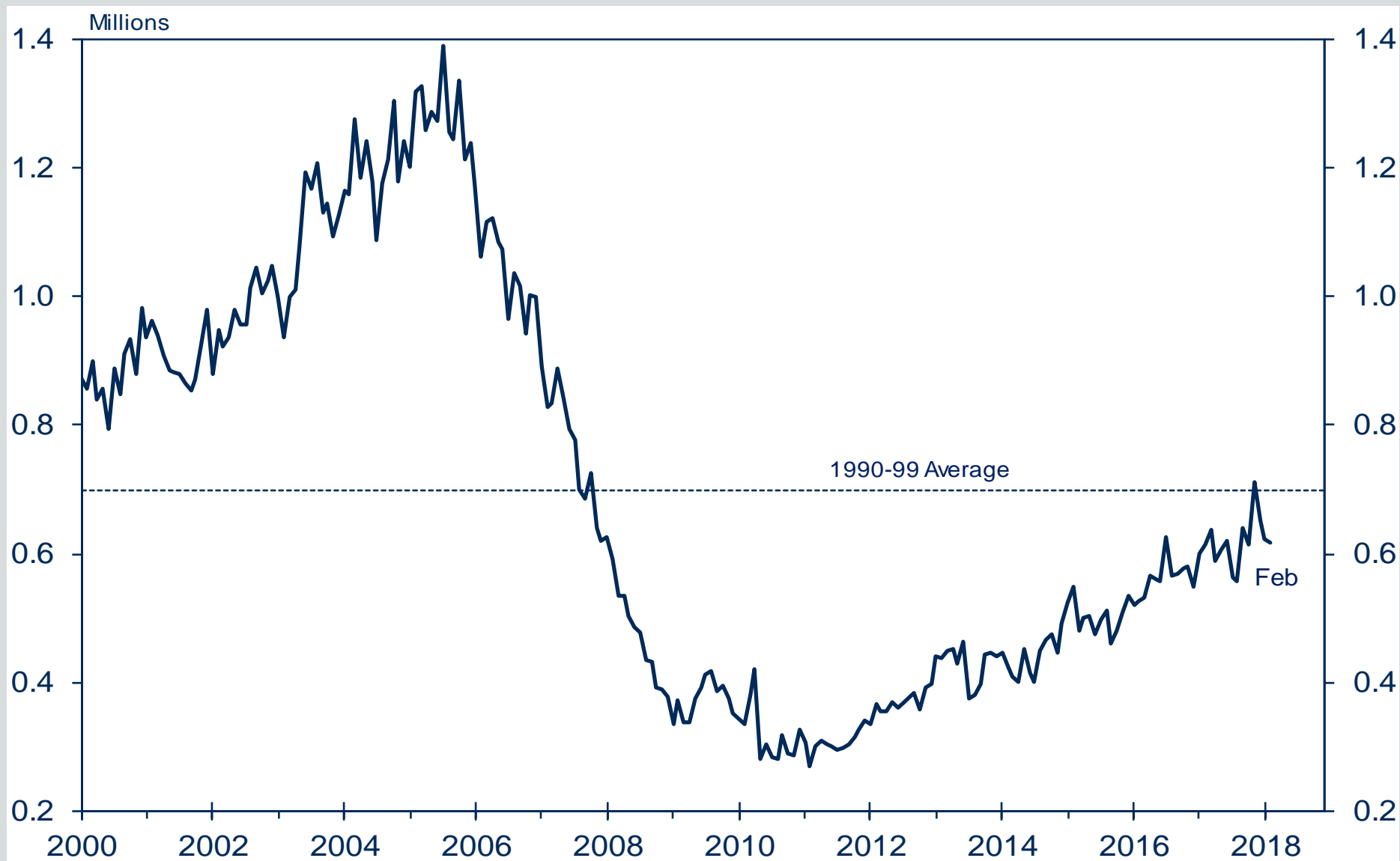
Household Net Worth



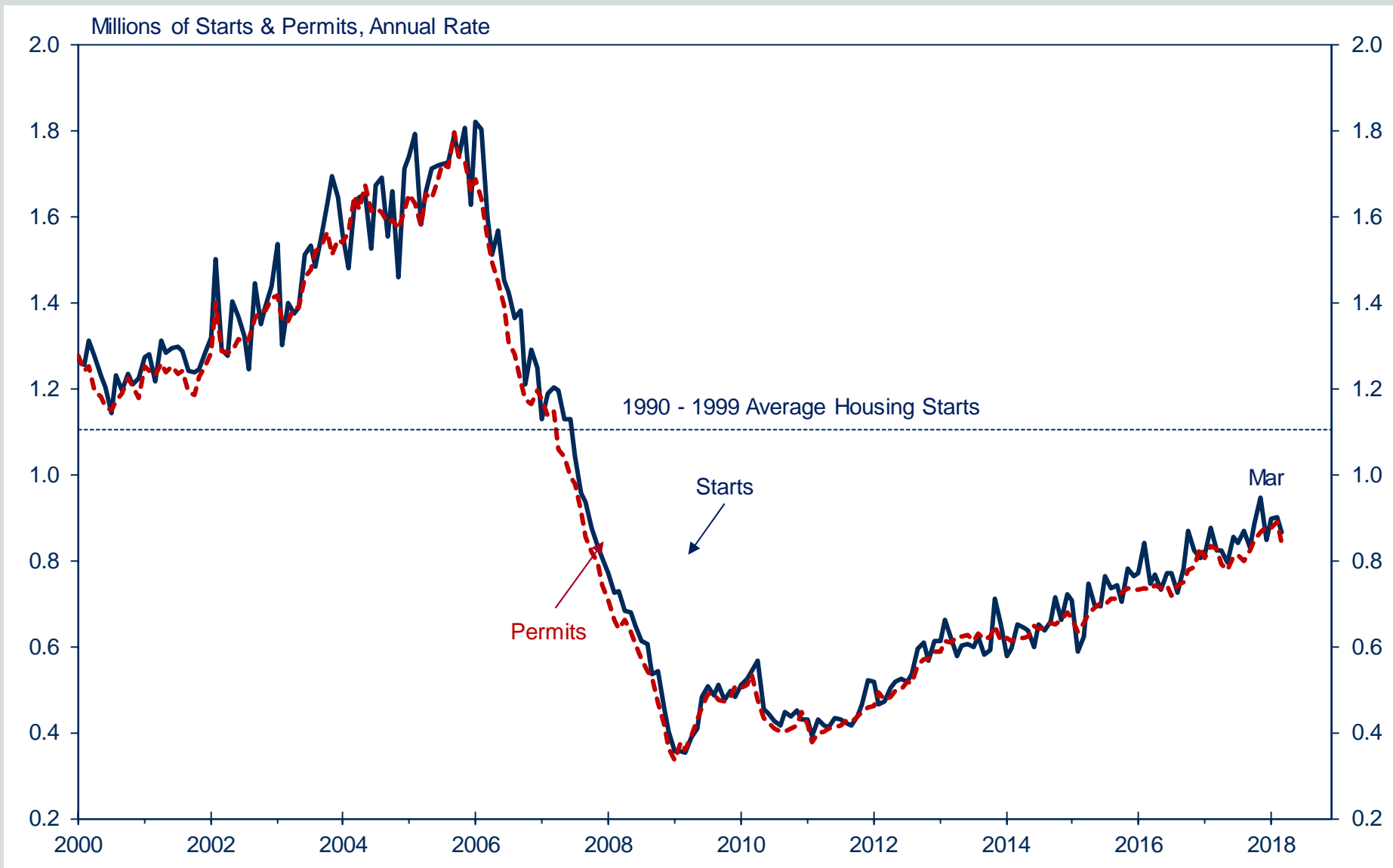
Existing Single-Family Home Sales



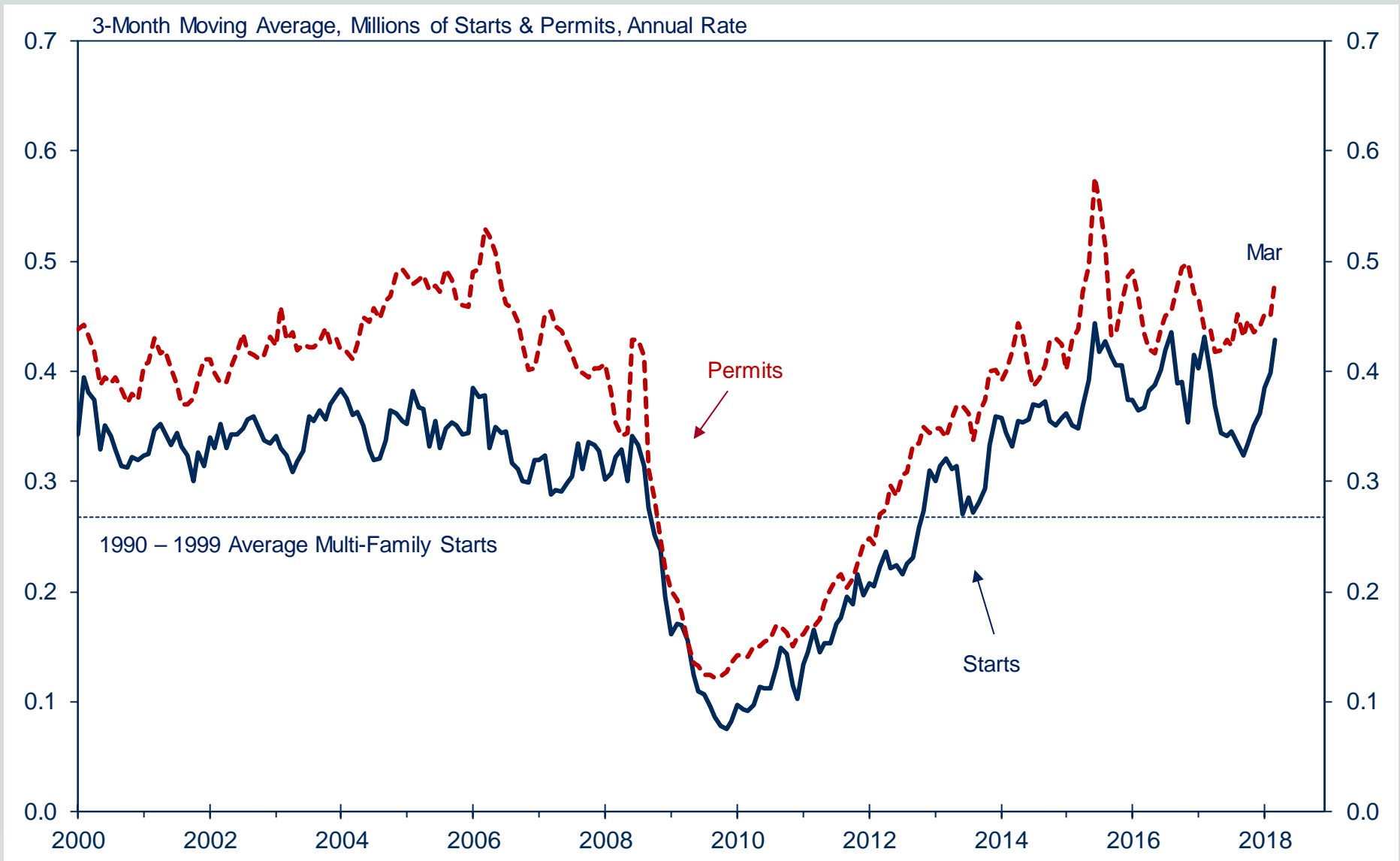
New Single-Family Home Sales



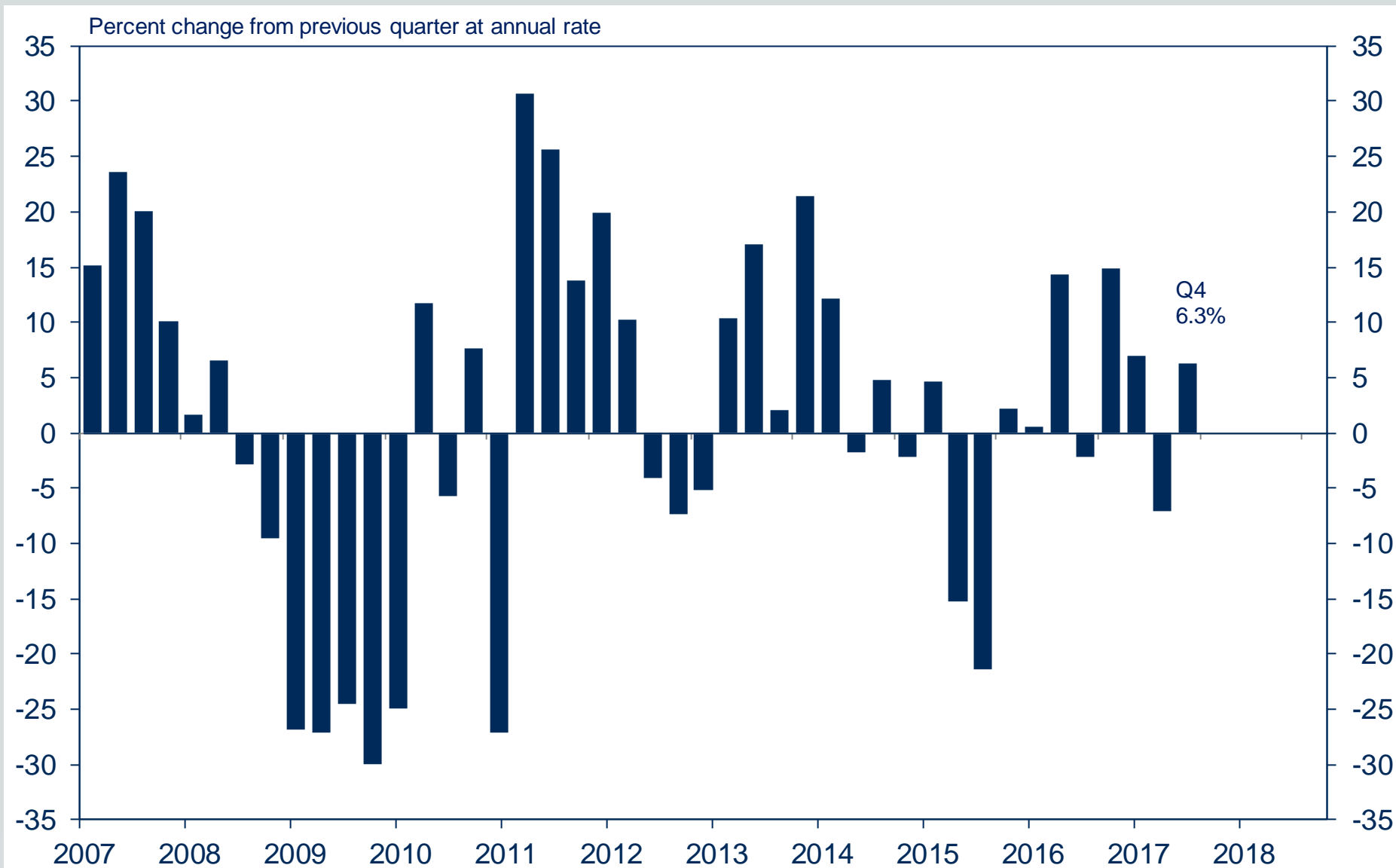
Private Single-Family Housing Starts & Permits



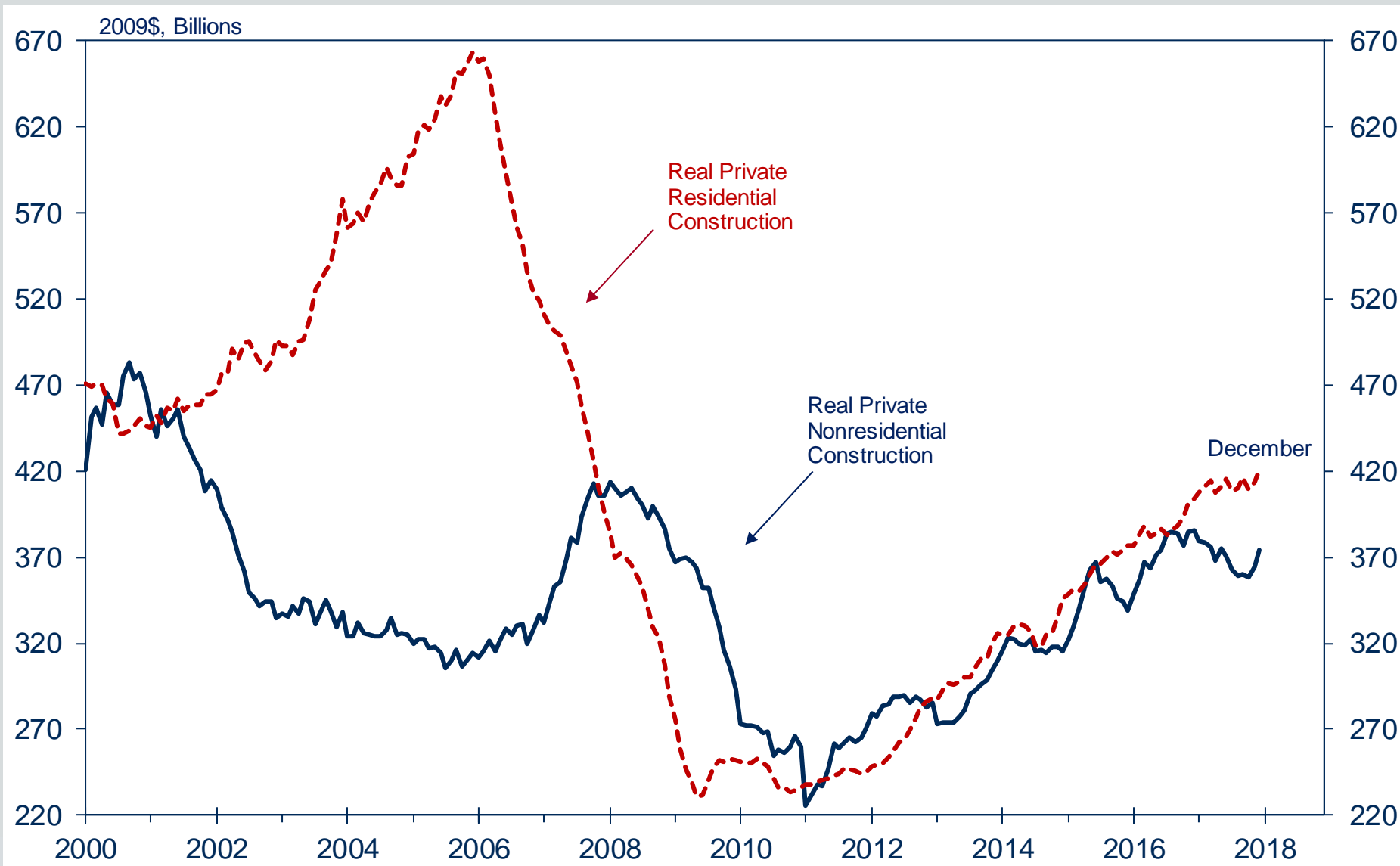
Private Multi-Family Housing Starts & Permits



Real Investment in Nonresidential Structures



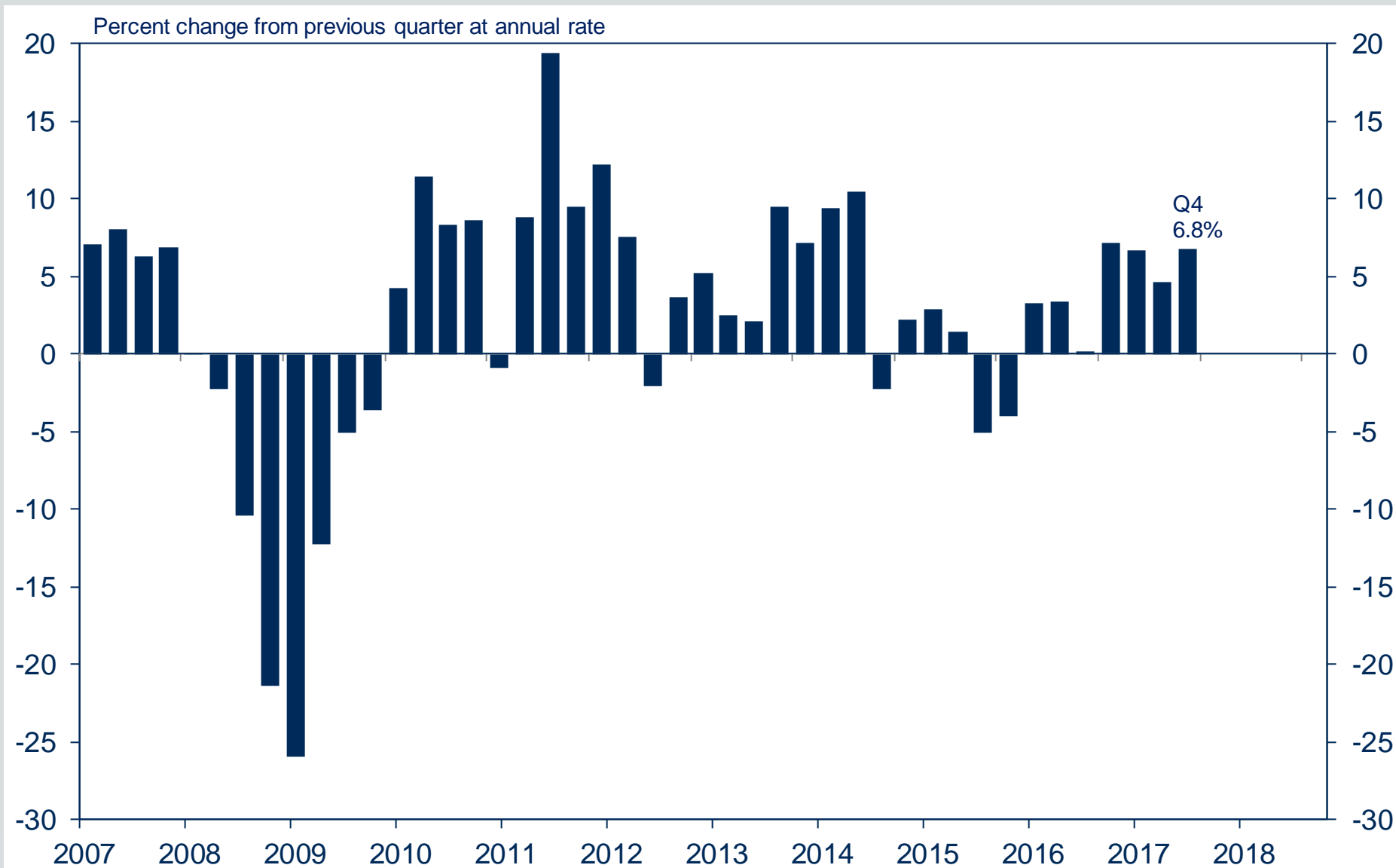
Real Private Construction Put In Place



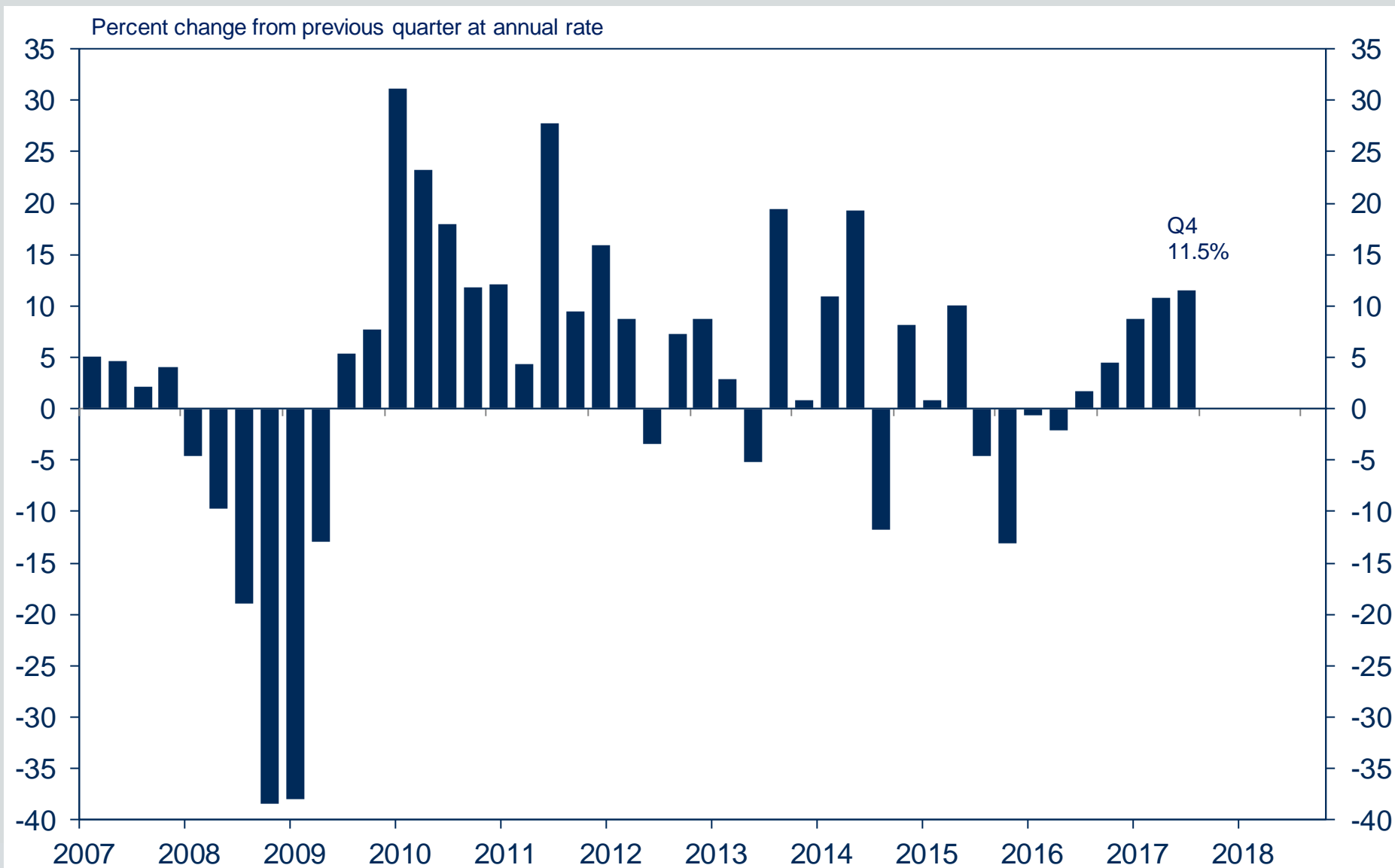
Notes: Private nonresidential construction deflated using the price index for private fixed investment in nonresidential structures and private residential construction deflated using the private residential investment chain price index.

Source: Census Bureau via Haver Analytics 17

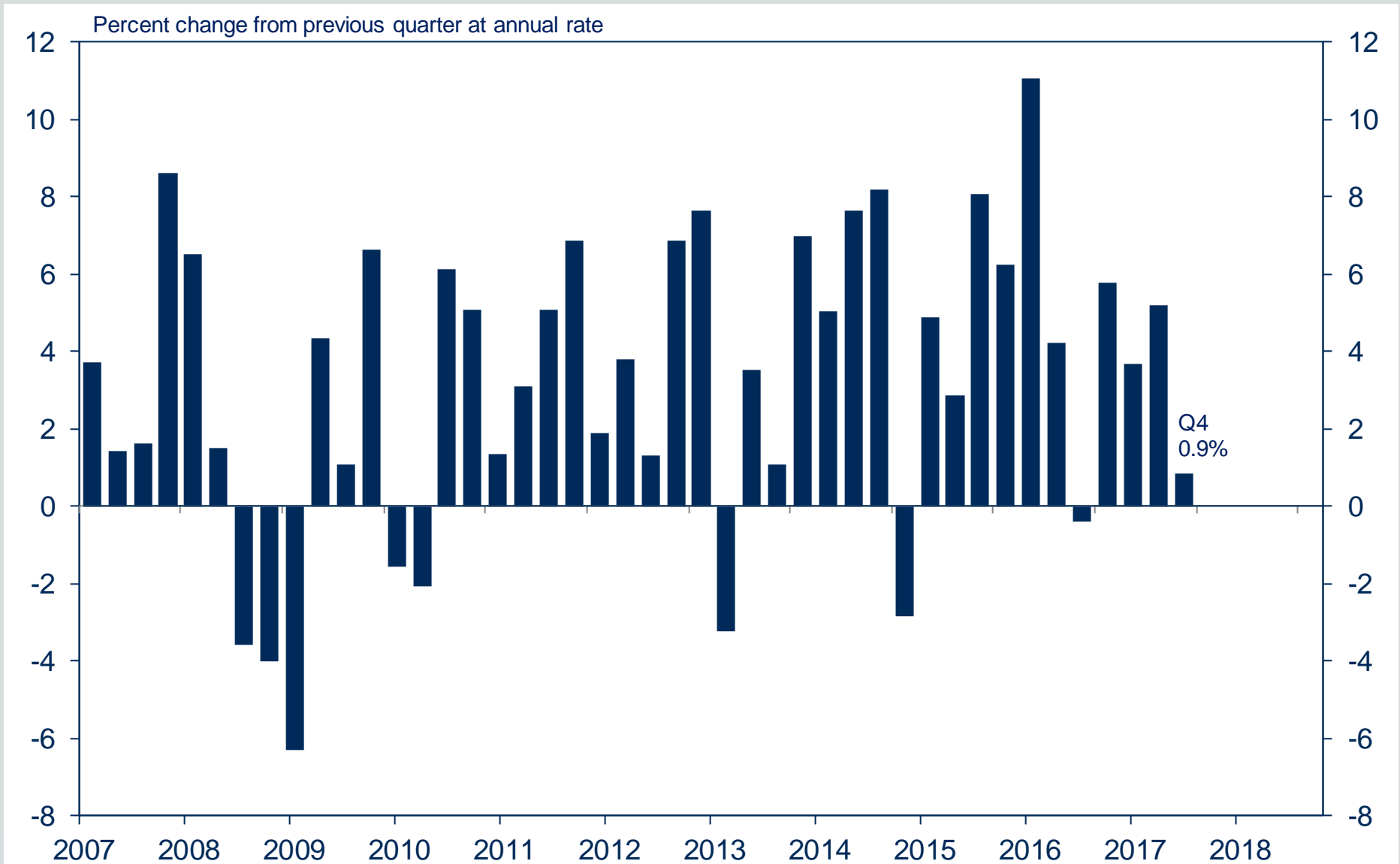
Real Nonresidential Fixed Investment



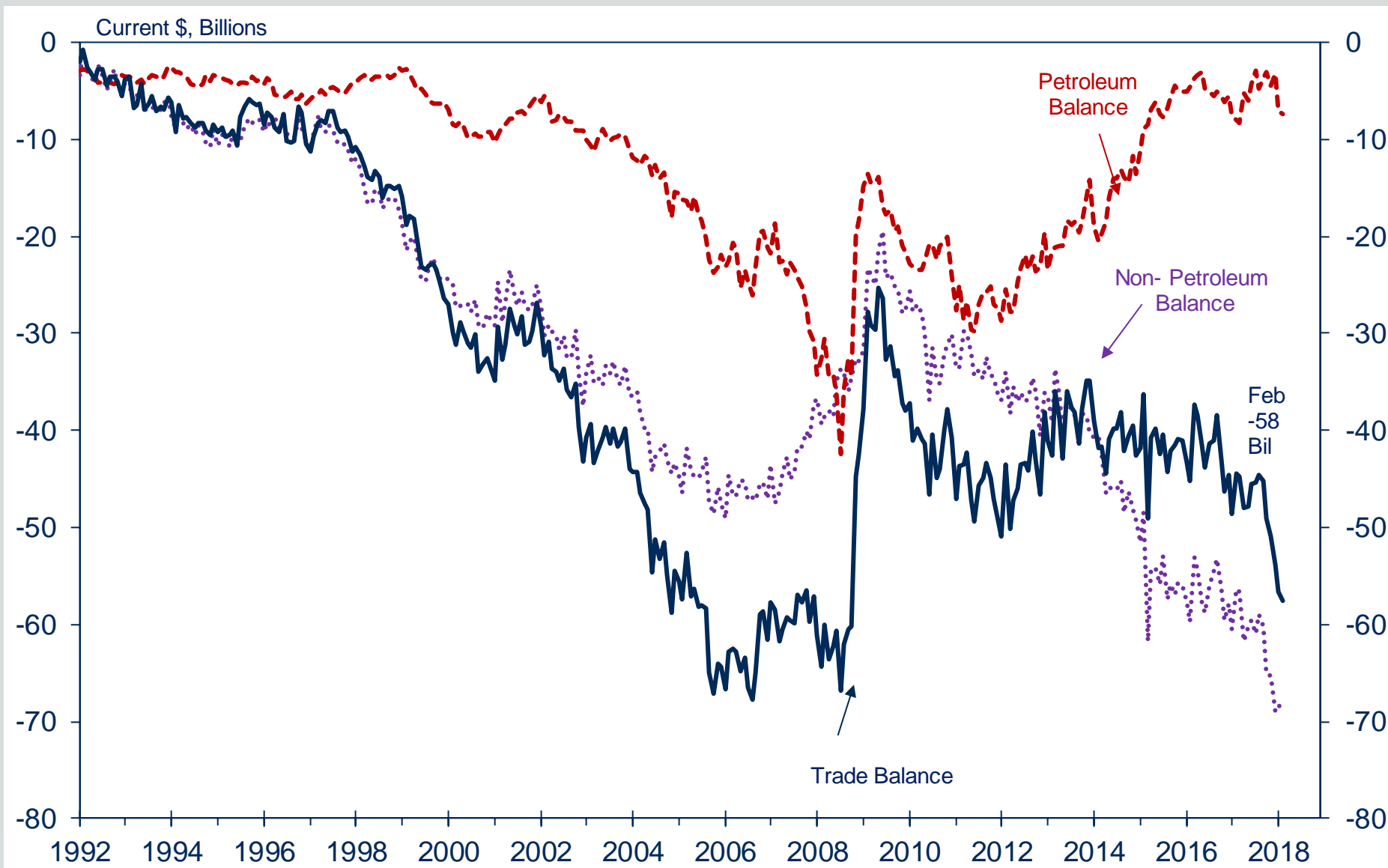
Real Investment in Equipment



Real Investment in Intellectual Property



Balance of International Trade



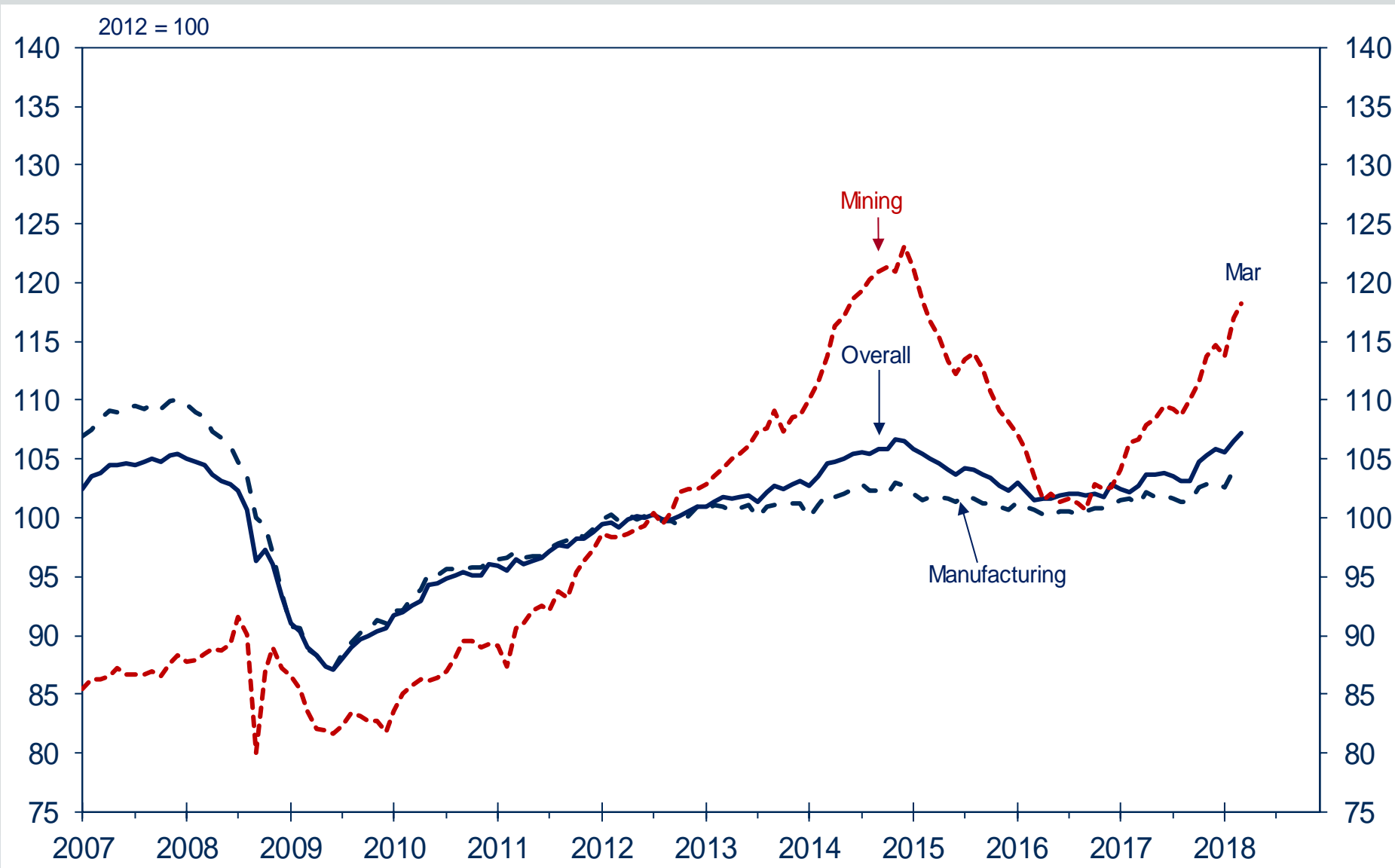
Note: Customs Value of Trade Balance

Exchange Value of the USD

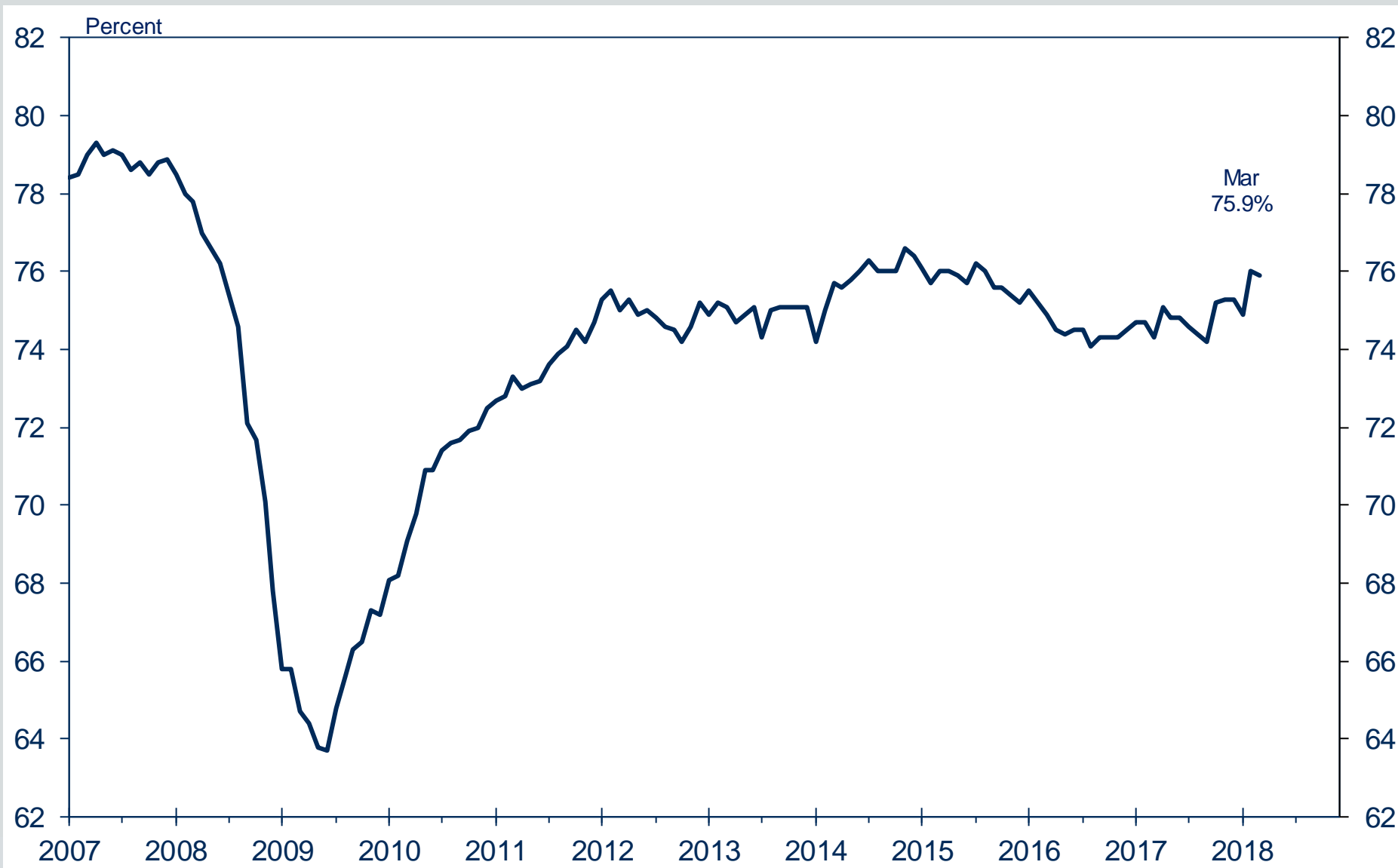


Notes: Measured as the real broad trade-weighted exchange value of the United States Dollar.

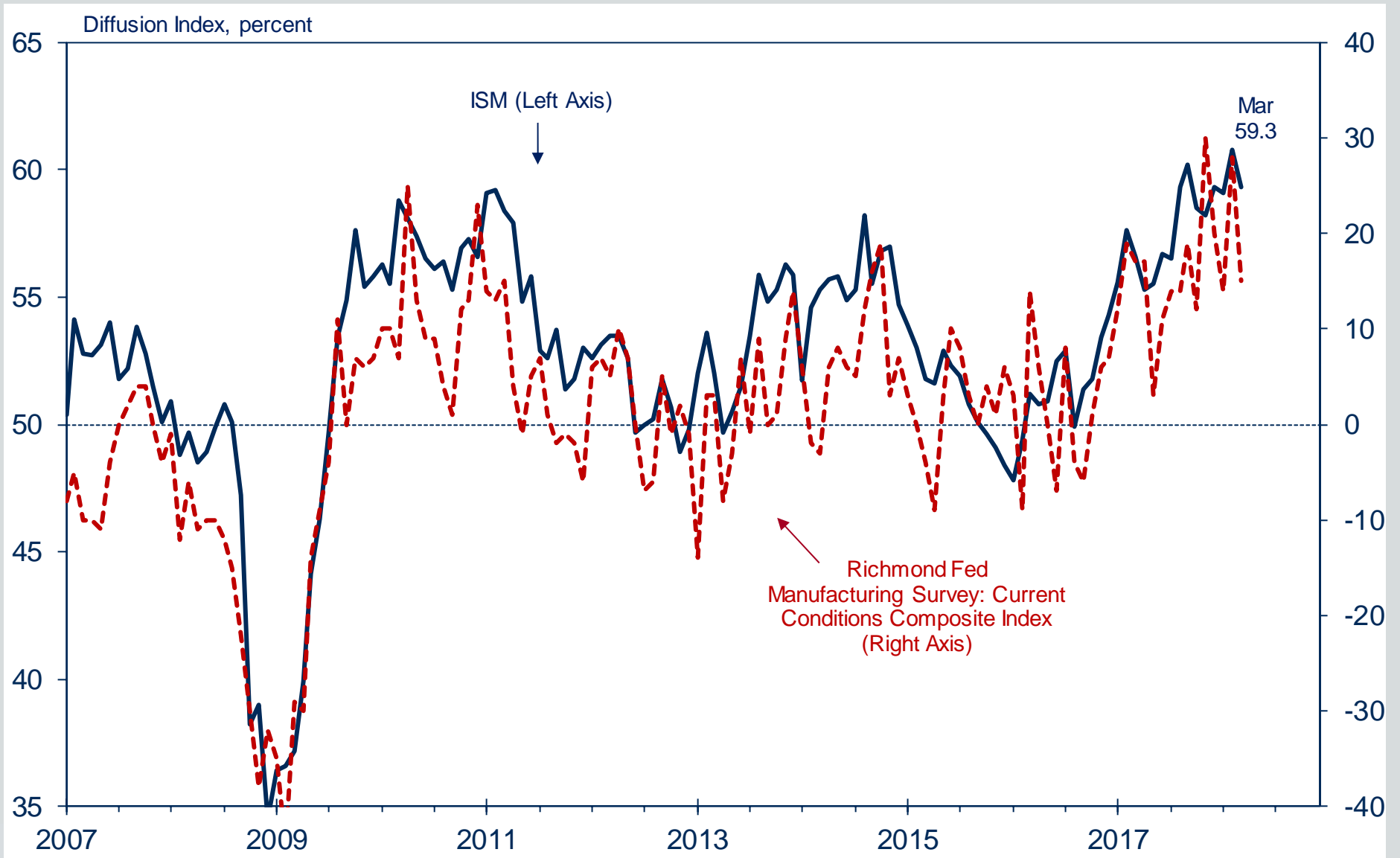
Industrial Production



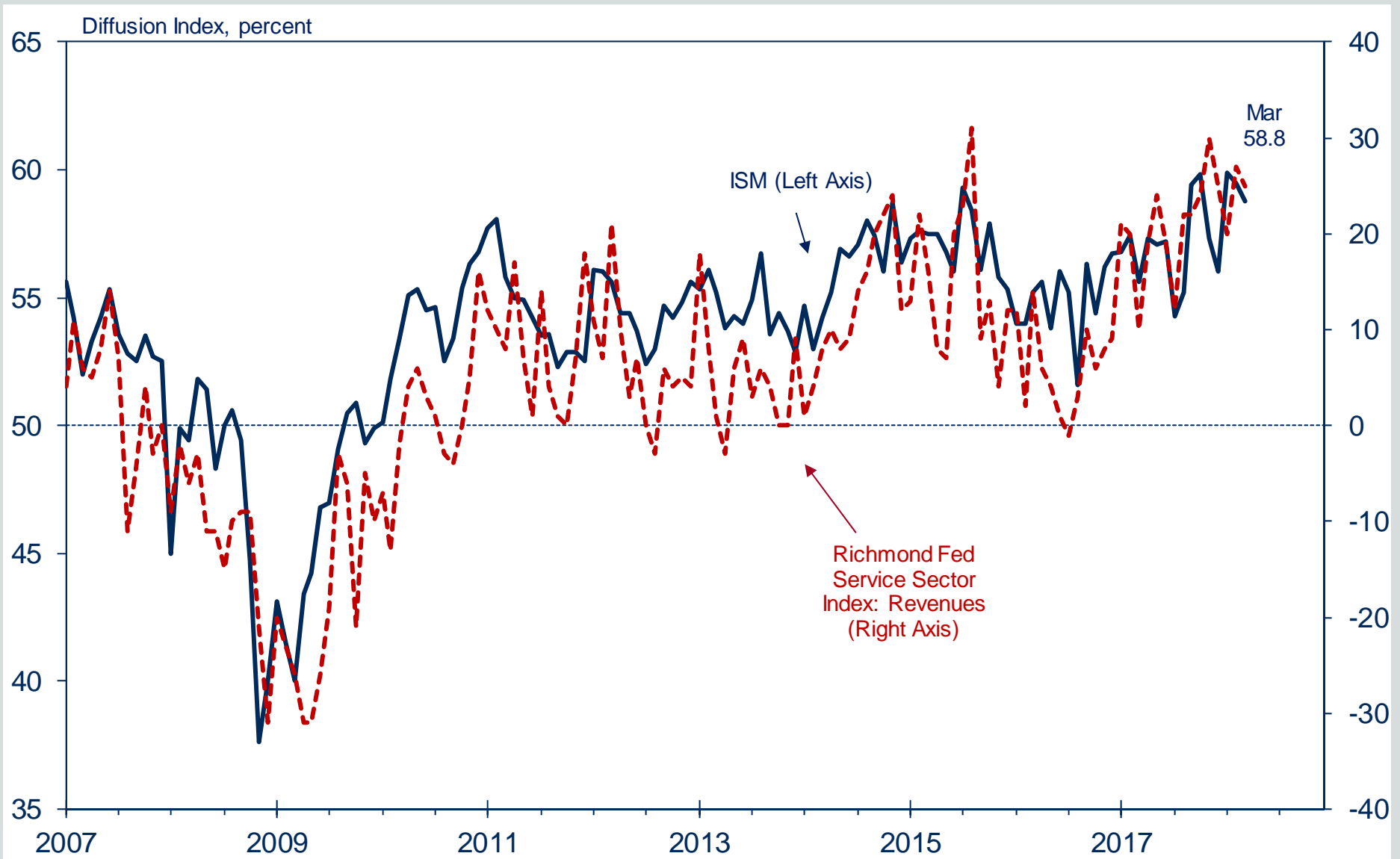
Capacity Utilization Rate: Manufacturing



Indexes of Manufacturing Activity



Indexes of Non-Manufacturing Activity



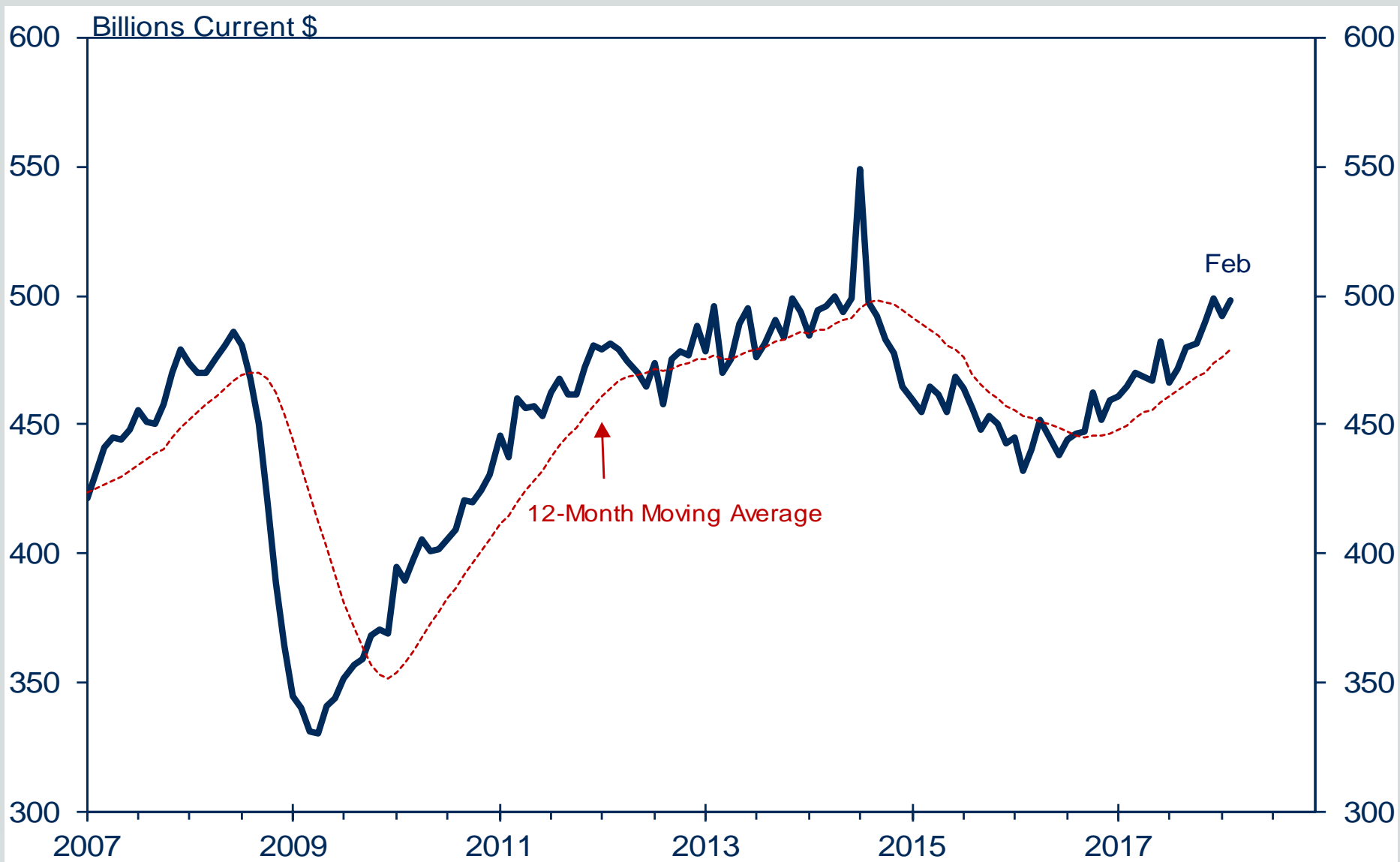
ISM: Business Survey Indexes

MANUFACTURING BUSINESS:

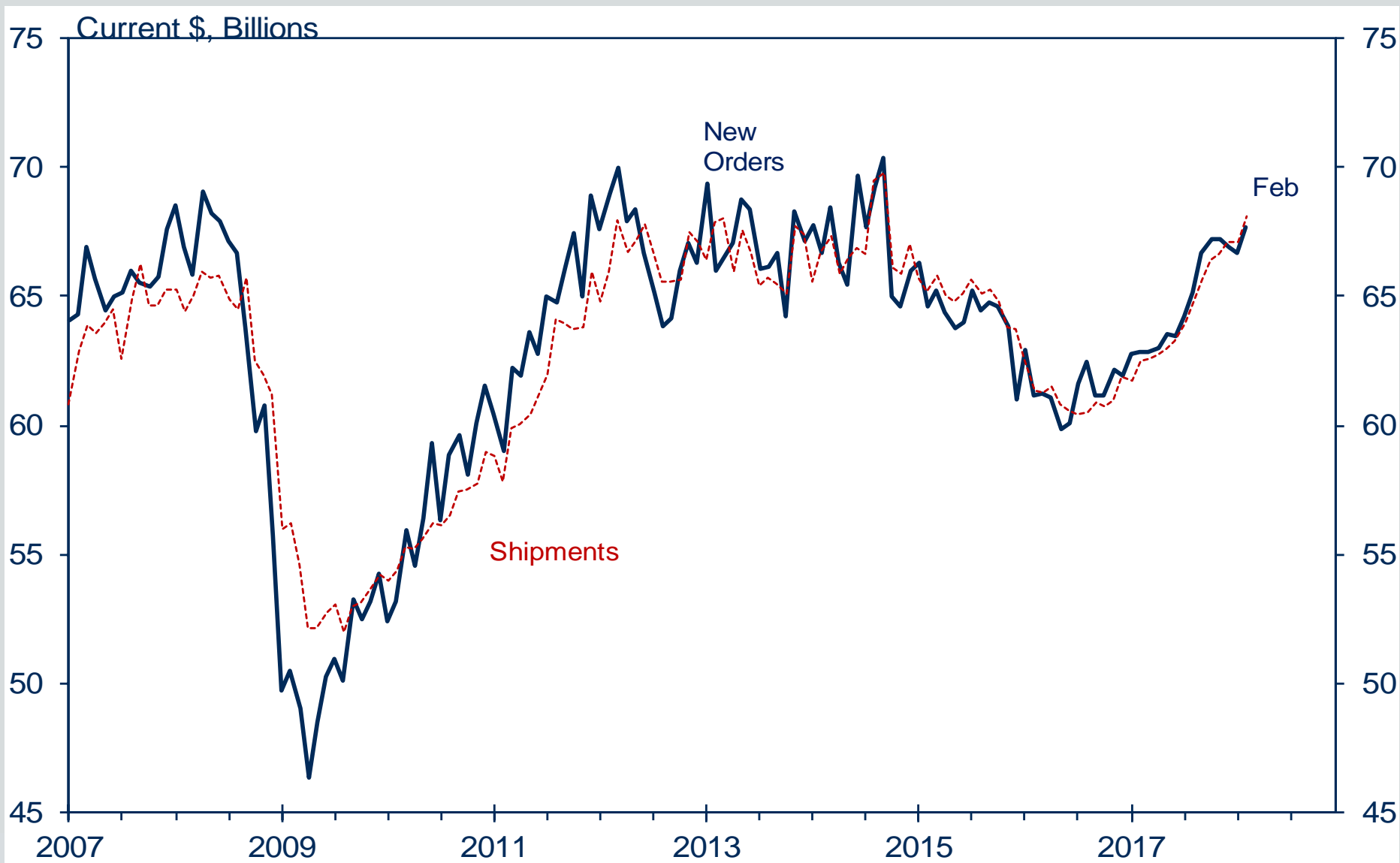
NON-MANUFACTURING BUSINESS:

	<u>Feb.</u>	<u>Mar.</u>		<u>Feb.</u>	<u>Mar.</u>
Purchasing Managers Index	60.8	59.3	Non-Manufacturing Index	59.5	58.8
Production	62.0	61.0	Business Activity	62.8	60.6
New Orders	64.2	61.9	New Orders	64.8	59.5
Employment	59.7	57.3	Employment	55.0	56.6
Supplier Deliveries	61.1	60.6	Supplier Deliveries	55.5	58.5
Inventories	56.7	55.5	Inventories	53.5	53.5
Prices	74.2	78.1	Prices	61.0	61.5
Backlog of Orders	59.8	59.8	Backlog of Orders	56.0	56.5
New Export Orders	62.8	58.7	New Export Orders	59.5	58.0
Imports	60.5	59.7	Imports	50.0	55.0

Manufacturers' New Orders

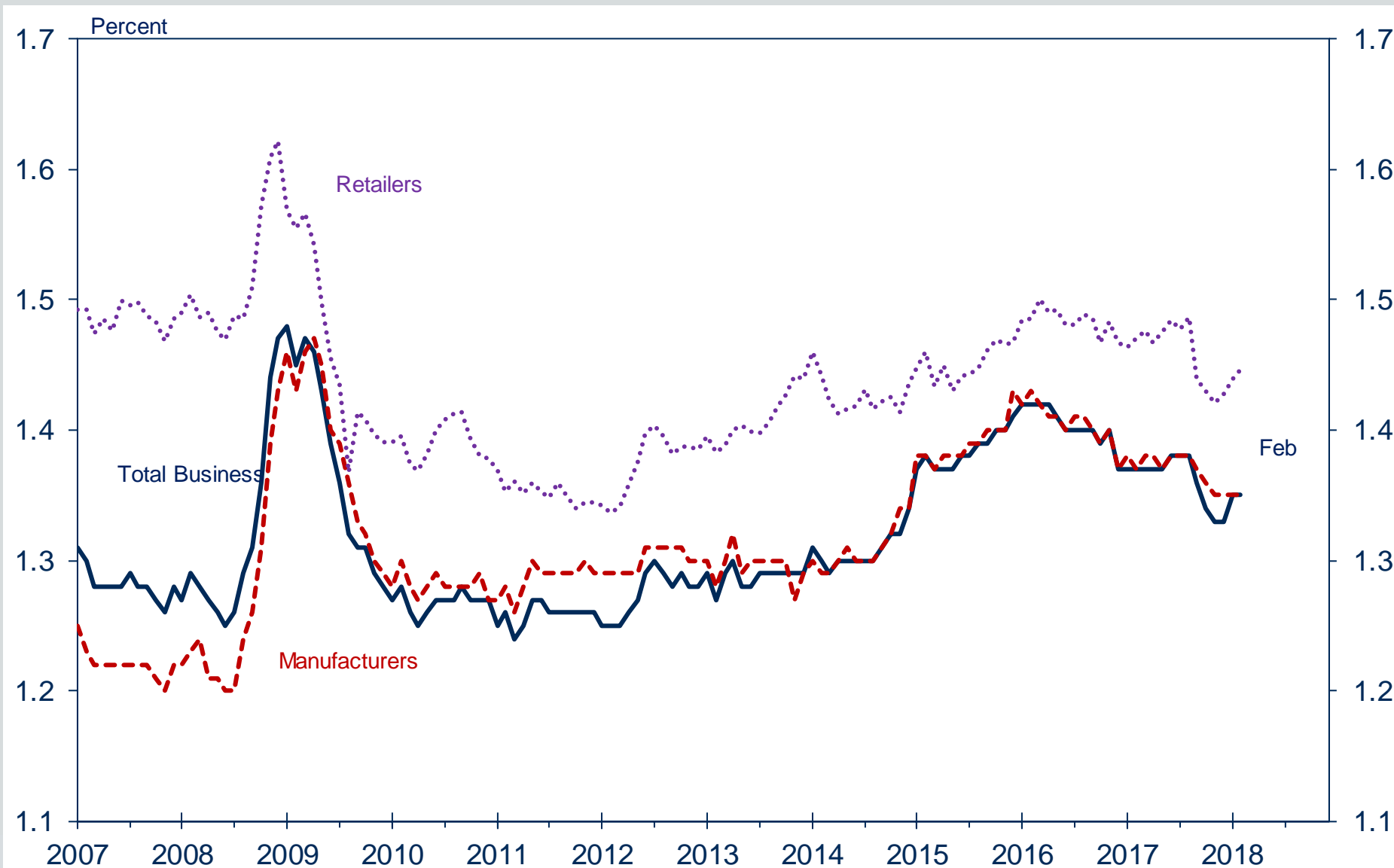


Core Capital Goods

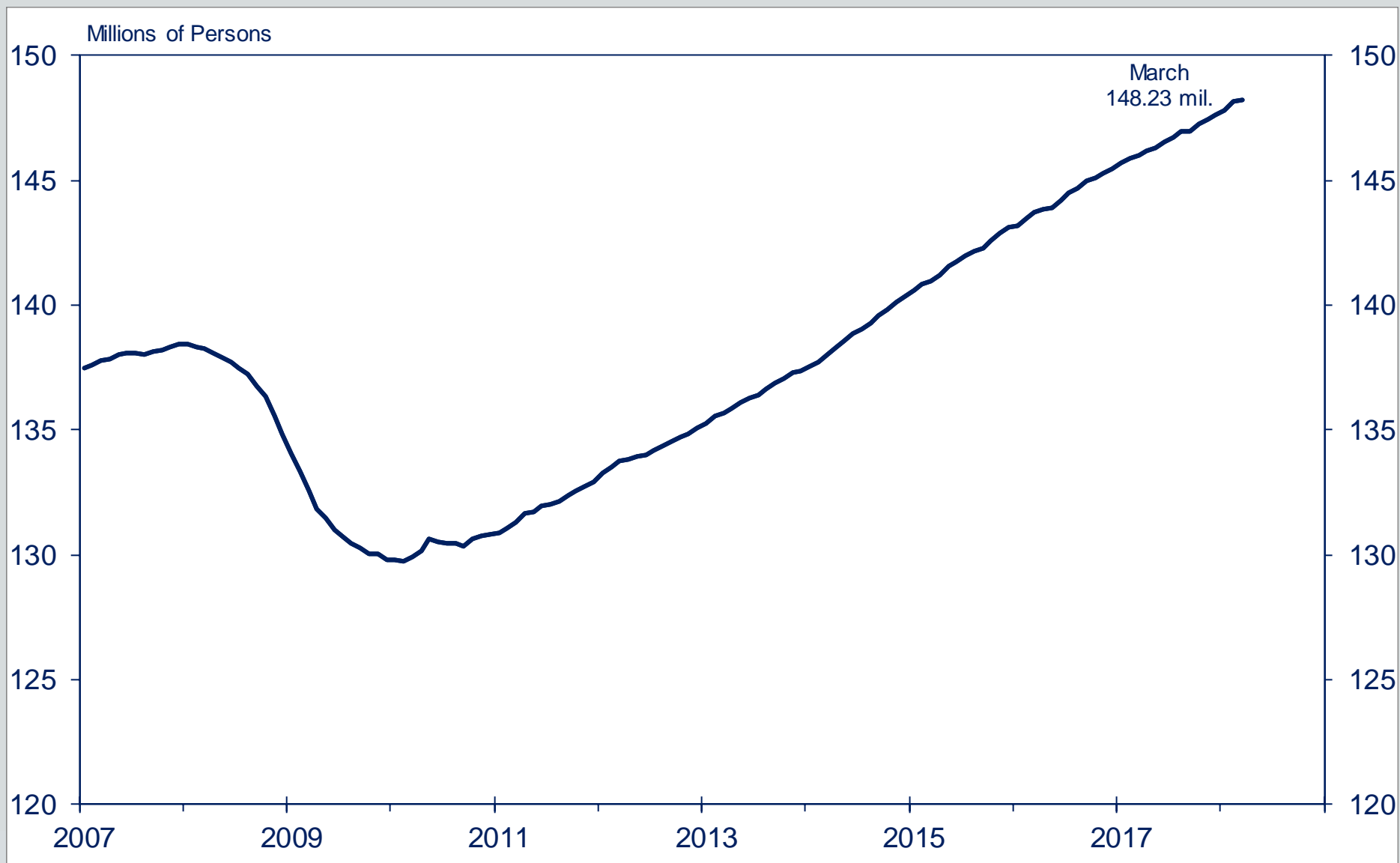


Notes: Core capital goods are nondefense capital goods excluding aircraft.

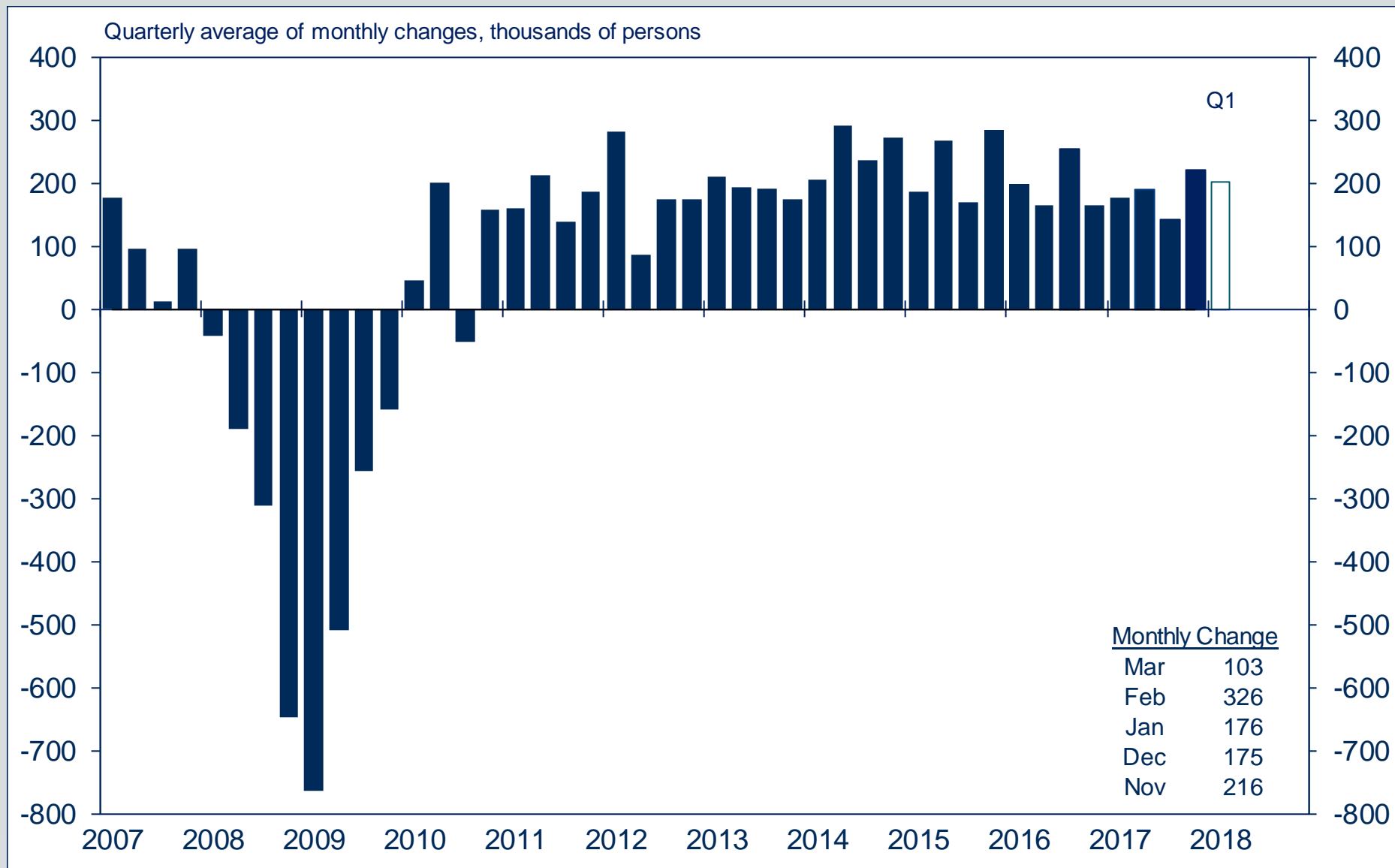
Business Inventory/Sales Ratio



Nonfarm Payroll Employment



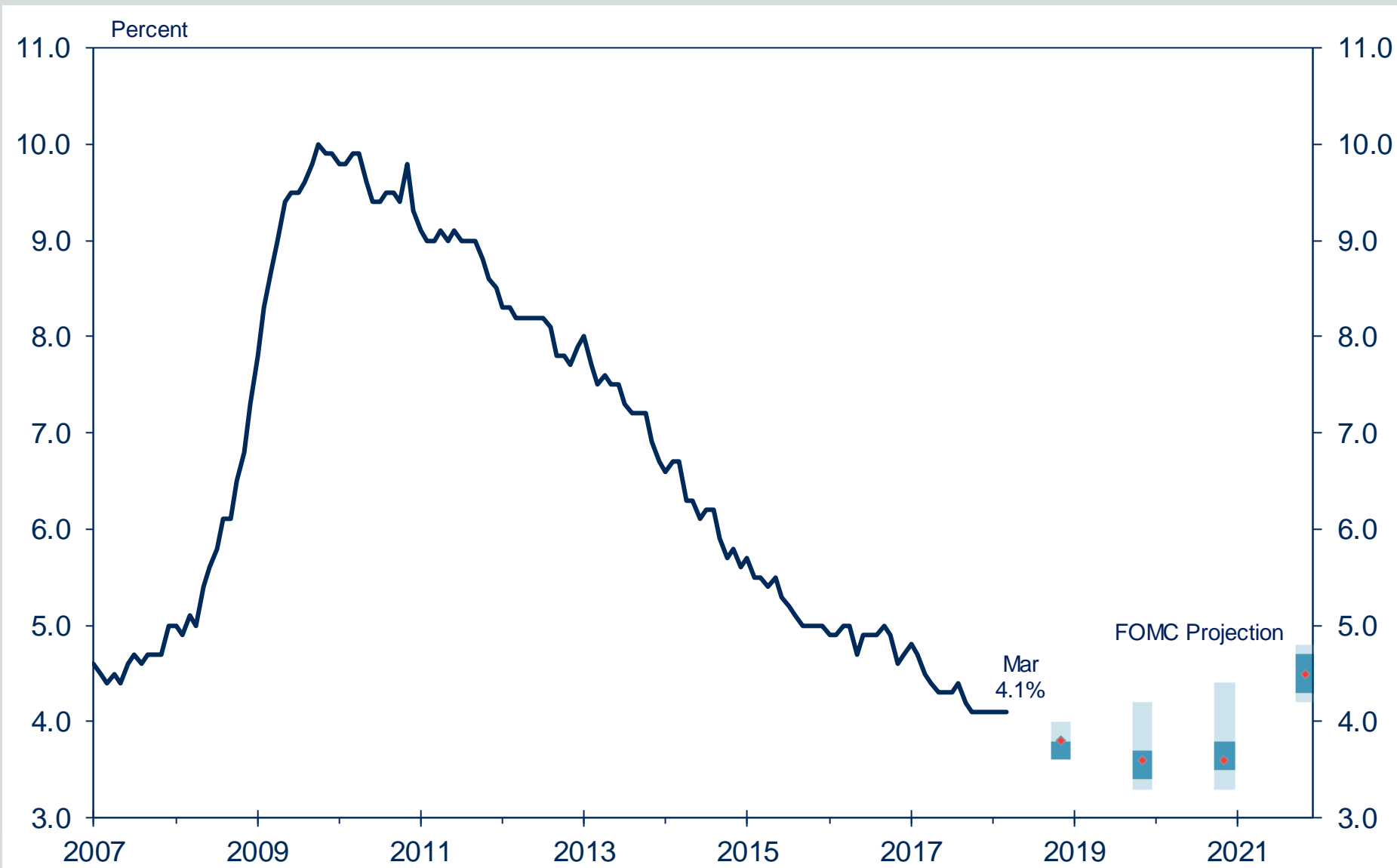
Nonfarm Payroll Employment



Monthly Change	
Mar	103
Feb	326
Jan	176
Dec	175
Nov	216

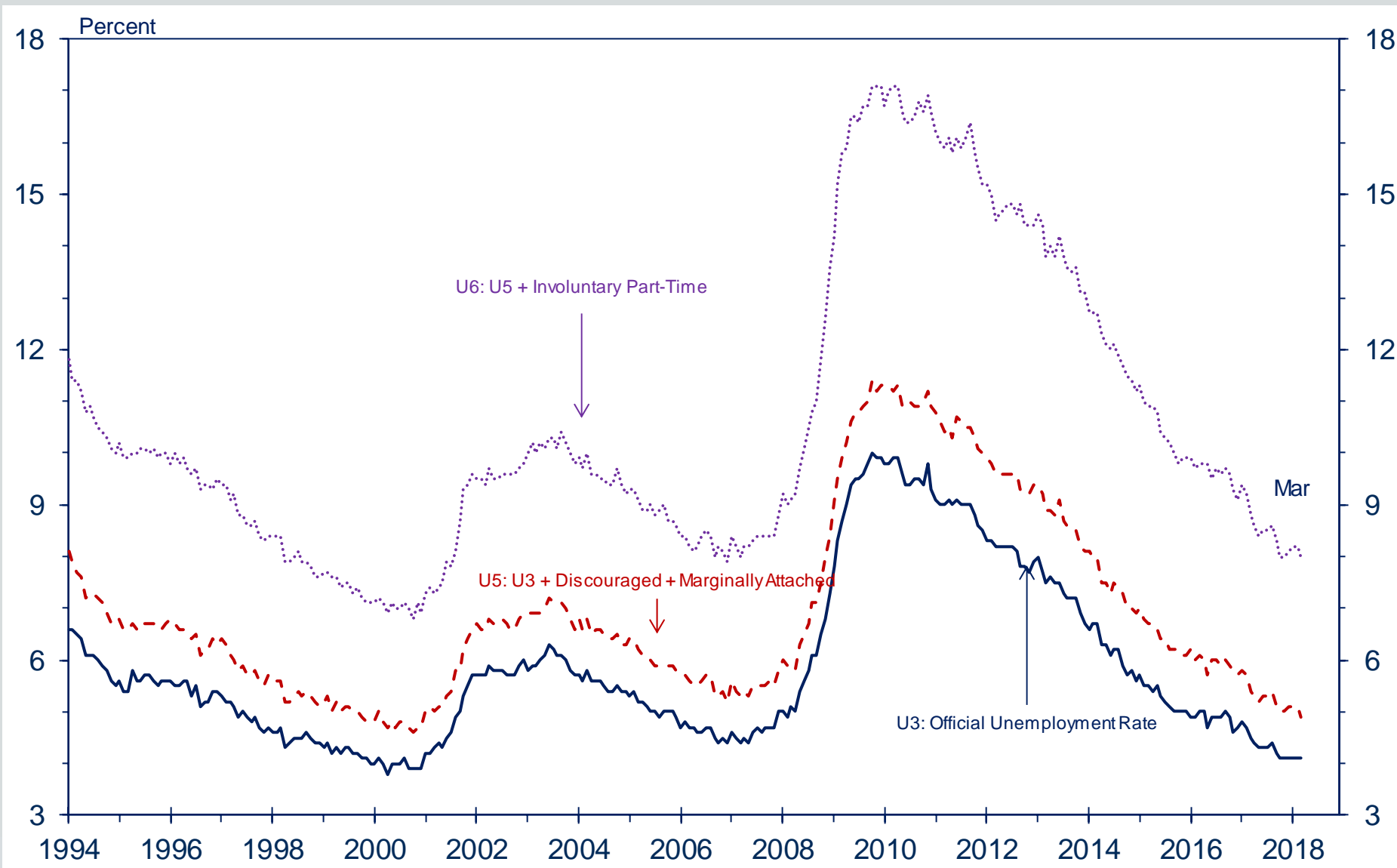
Notes: White bar on the right is based on an incomplete quarter

Unemployment Rate

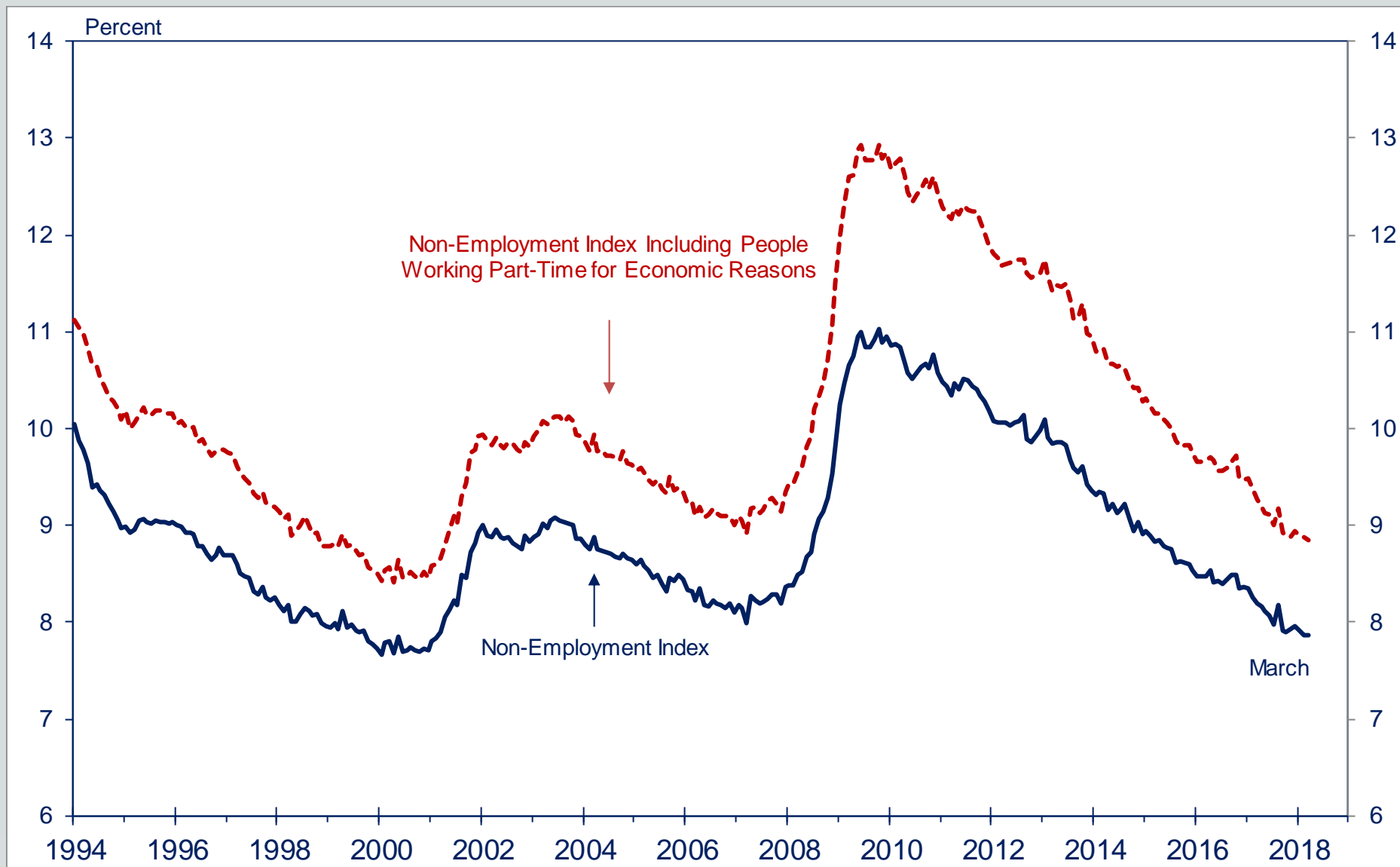


Notes: FOMC projection is the median, range, and central tendency for the Q4 levels, from the March 2018 meeting. Red dots indicate median projections

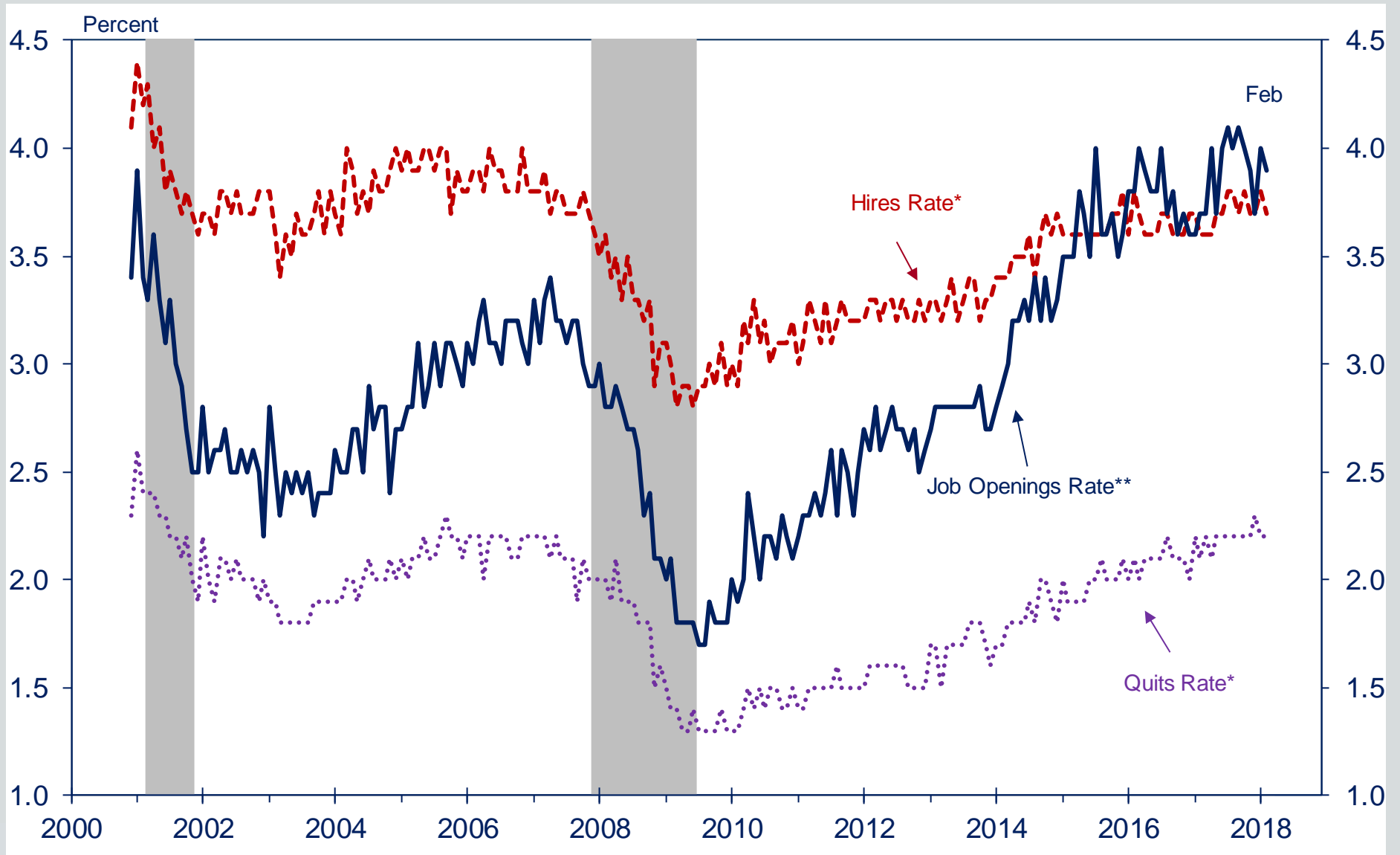
Measures of Labor Utilization



Non-Employment Index



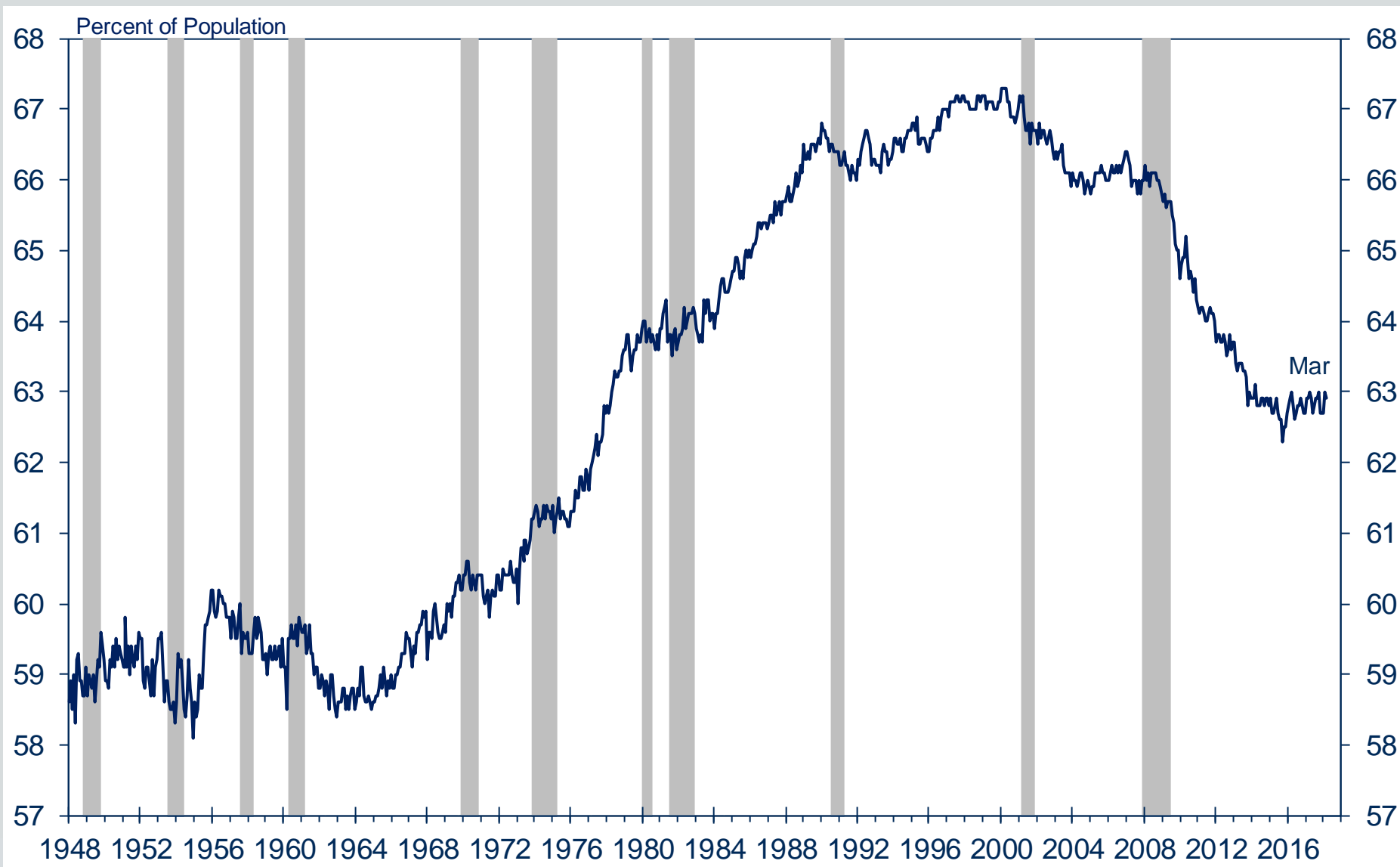
Labor Market Flows



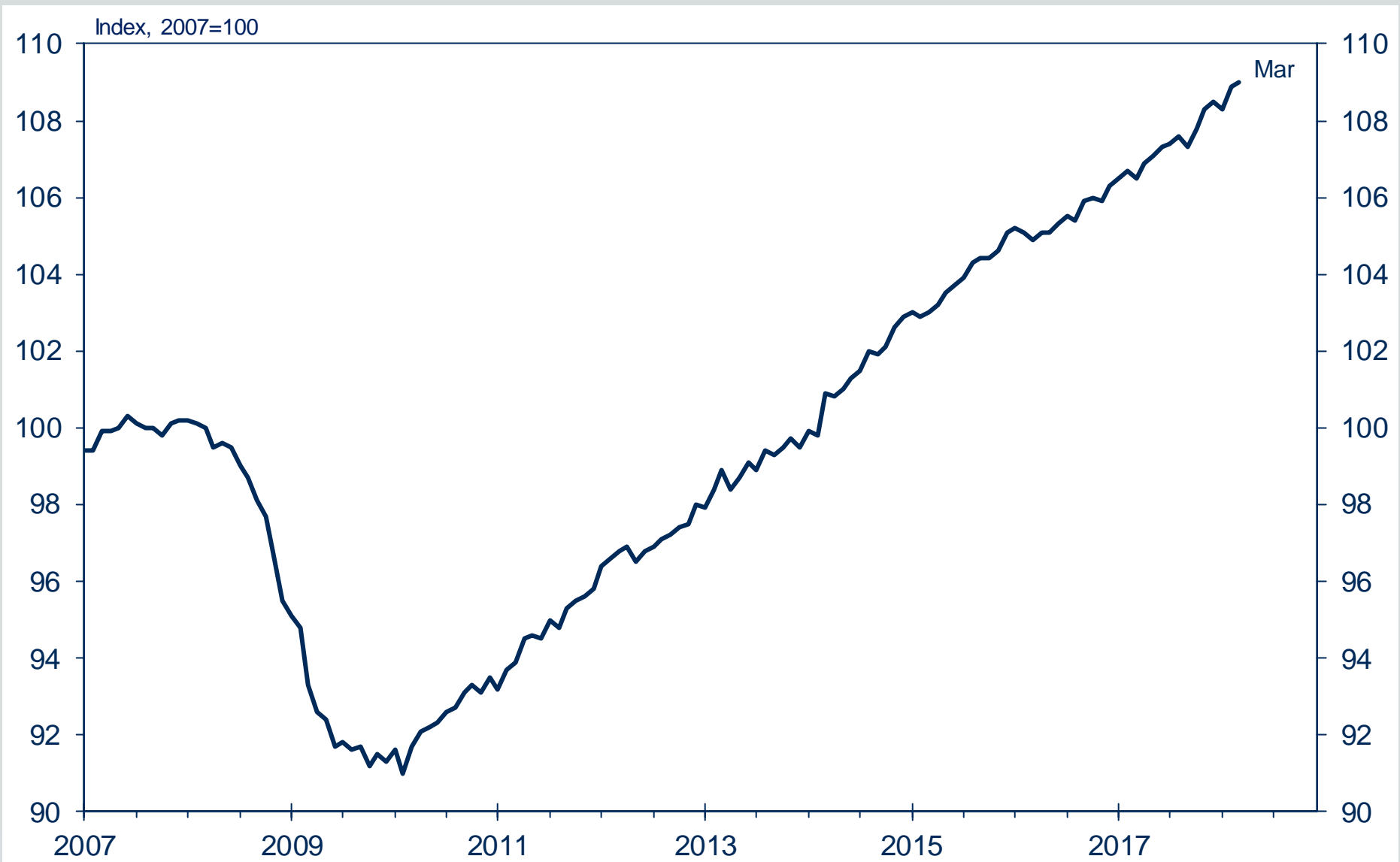
Note: *Percent of total employment. **Percent of total employment plus job openings.

Source: JOLTS via Haver Analytics 36

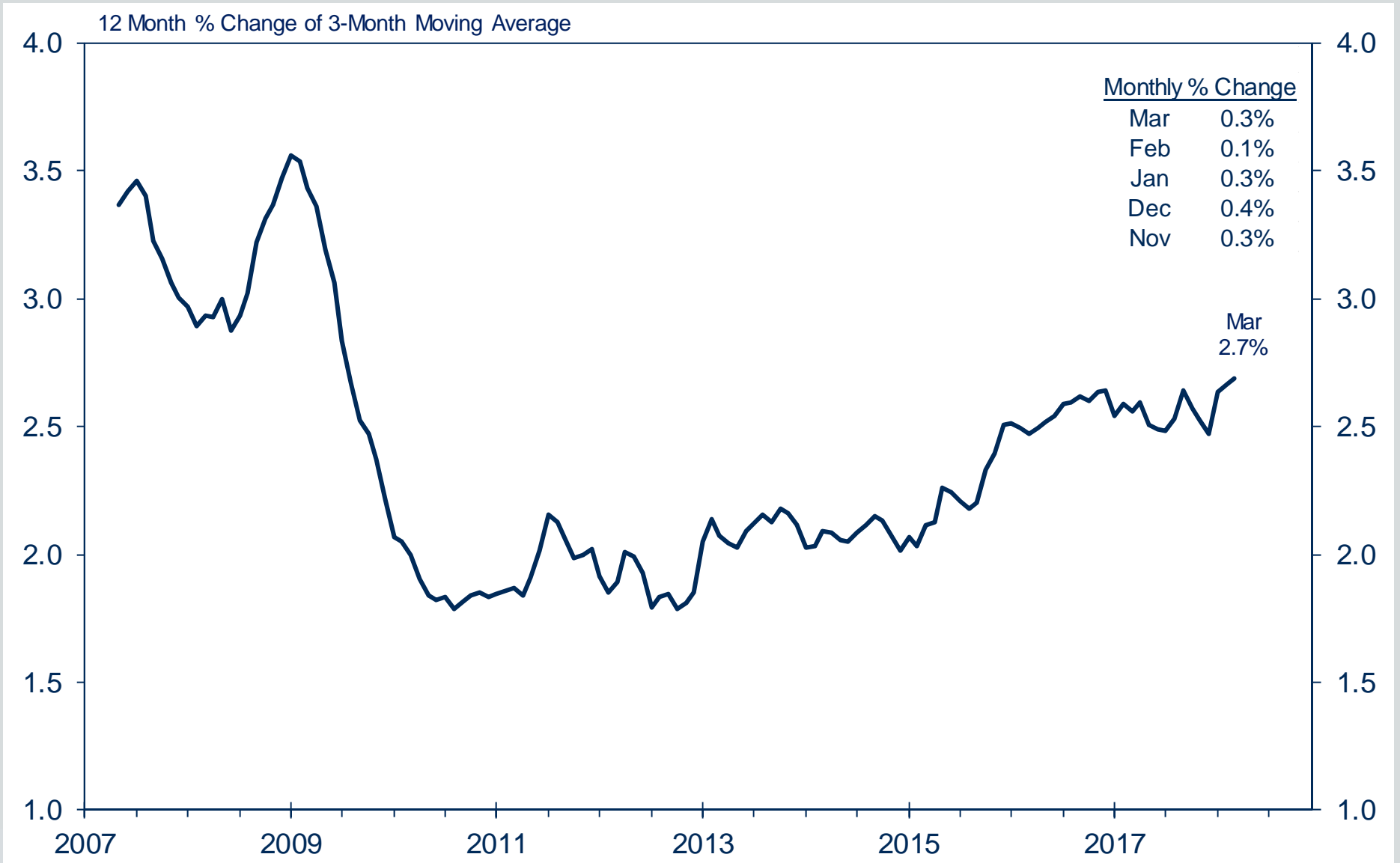
Labor Force Participation



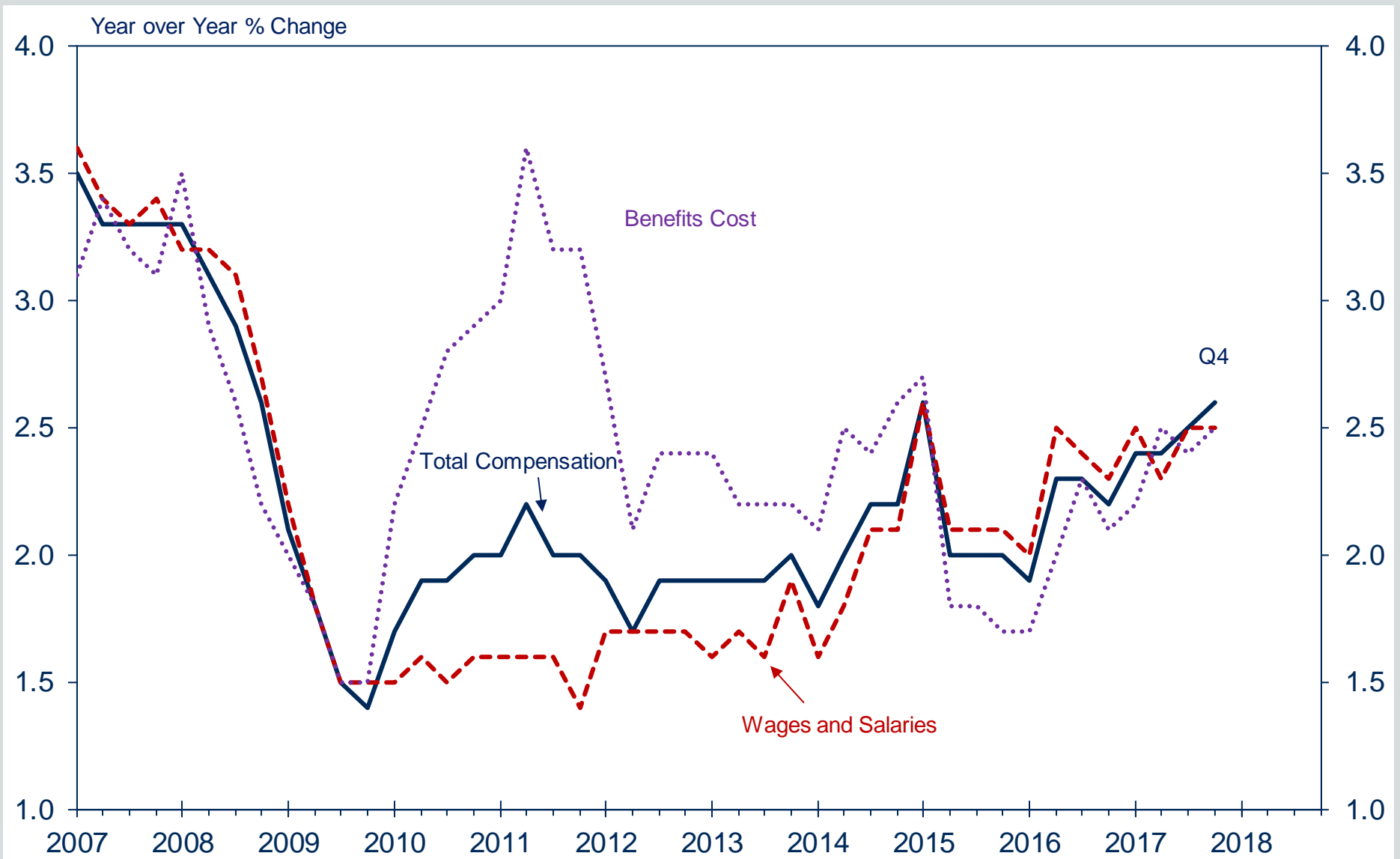
Aggregate Weekly Hours Index



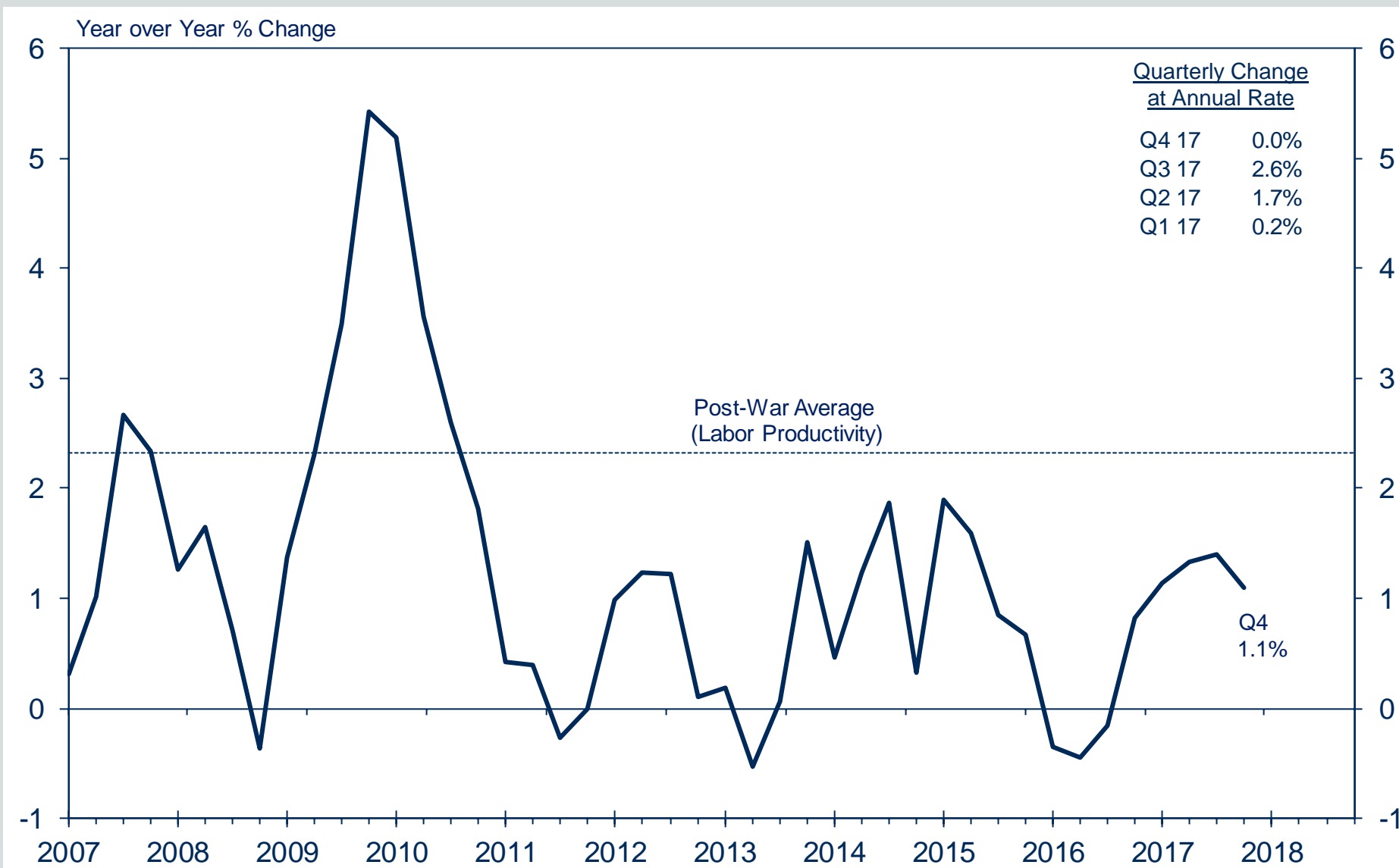
Average Hourly Earnings



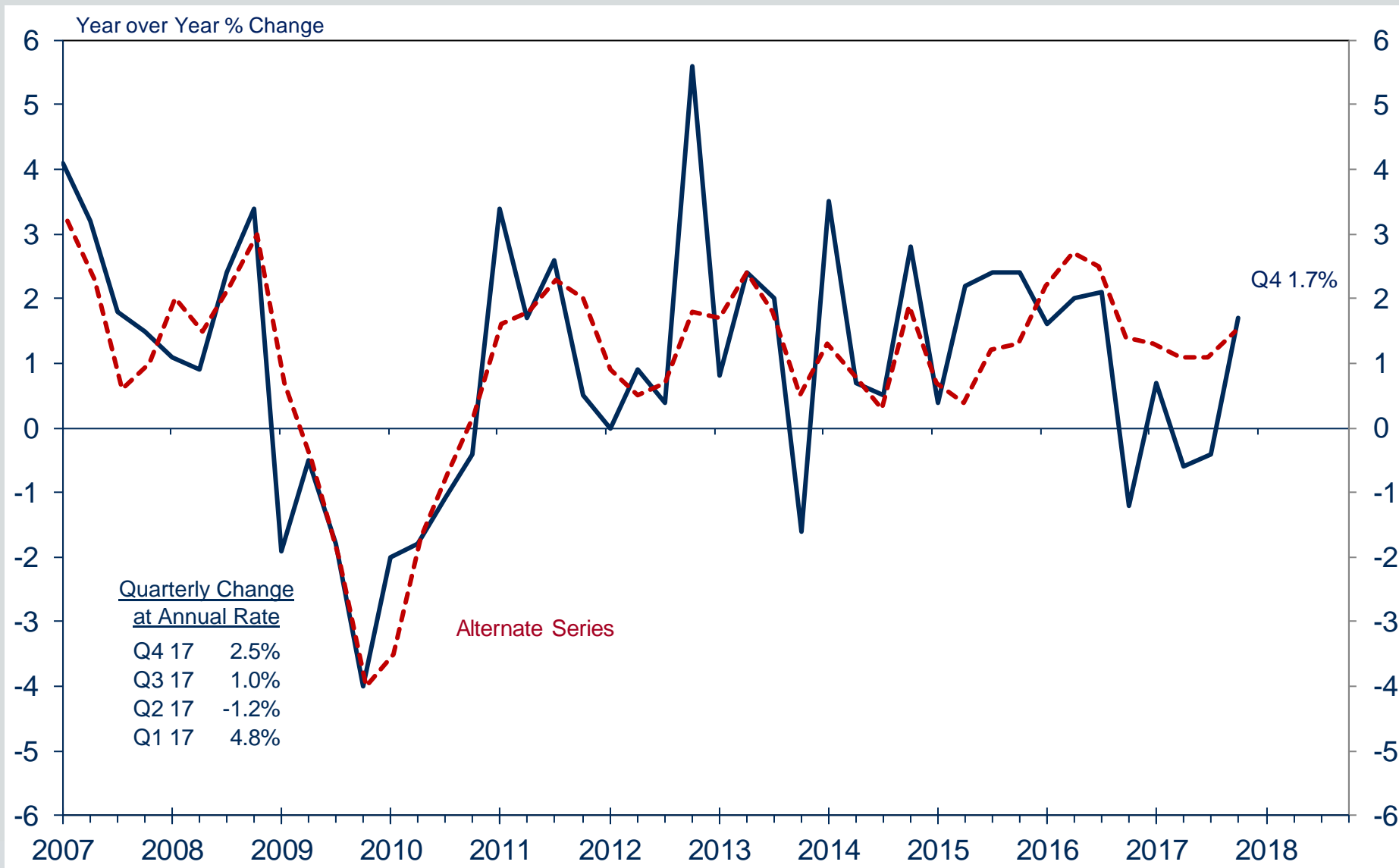
Employment Cost Index



Labor Productivity, Nonfarm Business



Unit Labor Cost, Nonfarm Business



Notes: Alternate series is derived from the Employment Cost Index.

Gauges of Inflation

Expenditure Price Indexes	[Percent Change from Previous Month at Annual Rate]:		
	Jan.	Feb.	YoY %
Personal Consumption Expenditures	4.7	2.3	1.8
Core (excludes Food and Energy)	3.5	2.8	1.6

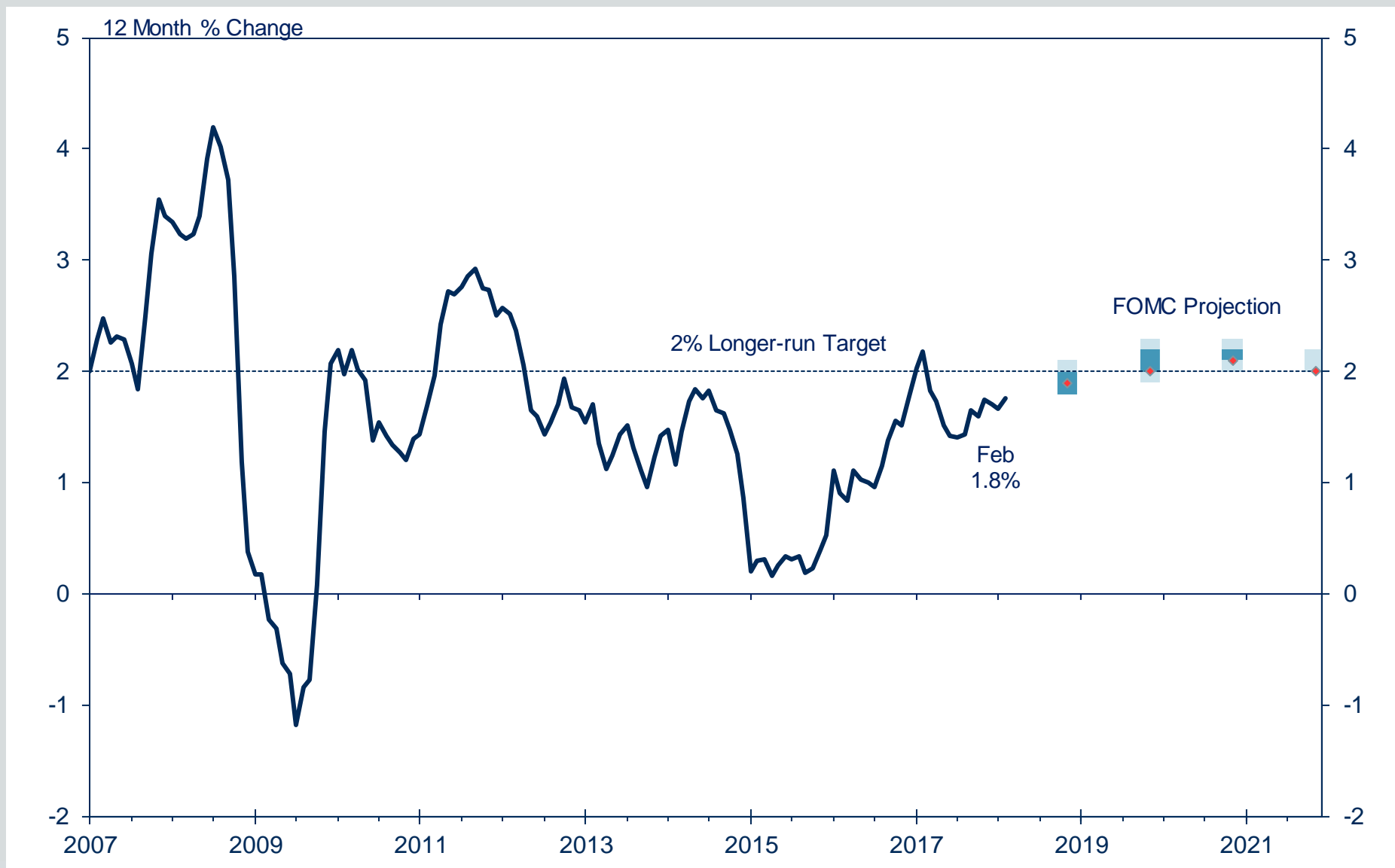
Consumer Price Indexes	[Percent Change from Previous Month at Annual Rate]:		
	Feb.	Mar.	YoY %
All Items	1.8	-0.8	2.4
Core (excludes Food and Energy)	2.2	2.1	2.1

Producer Price Indexes	[Percent Change from Previous Month at Annual Rate]:		
	Feb.	Mar.	YoY %
Finished Goods	-3.5	2.4	2.9
Core (excludes Food and Energy)	0.6	3.0	1.9
Core Intermediate Goods	8.2	3.1	3.5
Crude Goods	39.5	-44.5	4.3

Spot Commodity Price Index	[Percent Change from Previous Month]:		
	Feb.	Mar.	YoY %
CRB Spot Commodity Price Index	0.0	-1.5	1.4

Notes: Core PCE Price Index includes expenditures on food services.

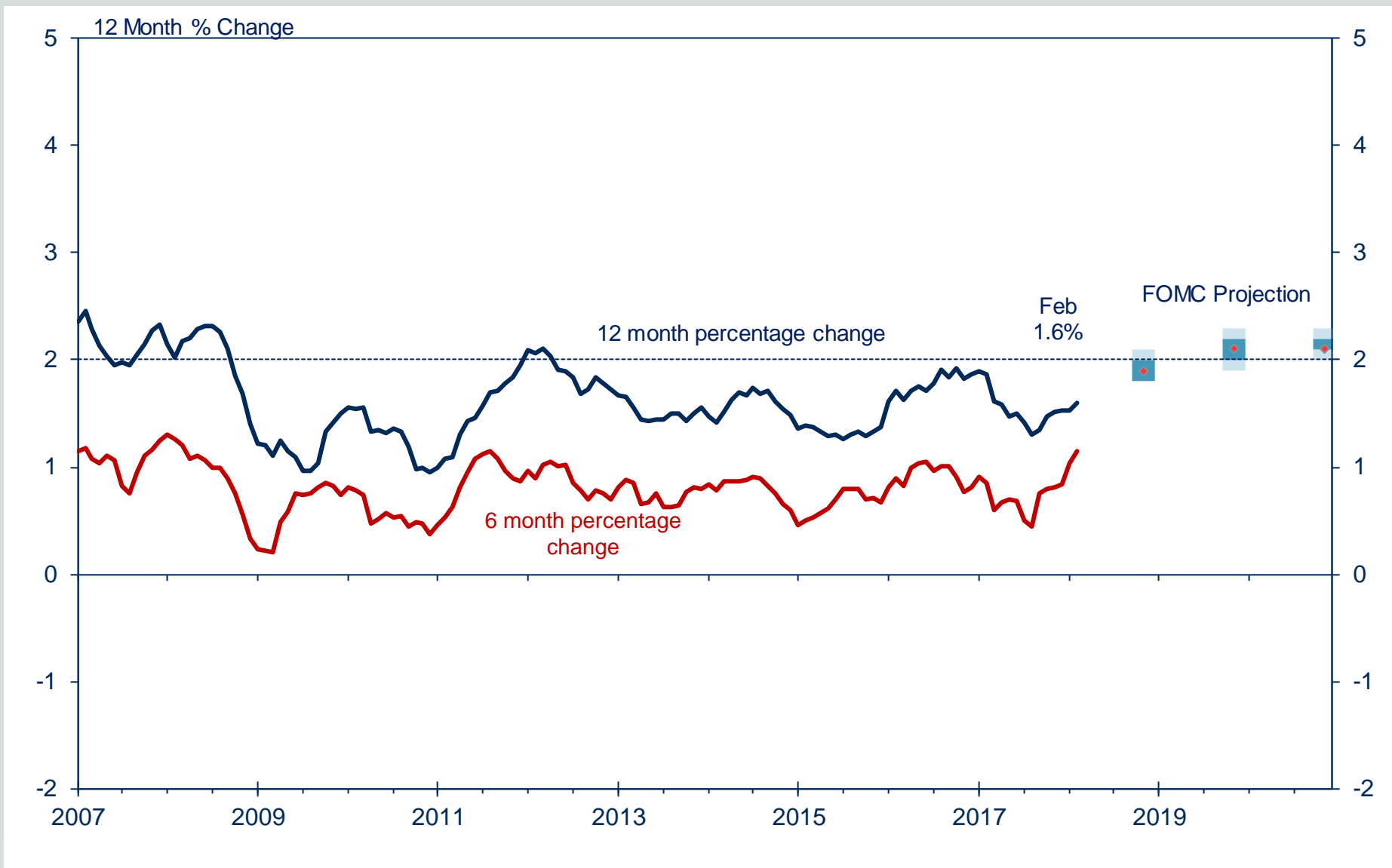
Personal Consumption Expenditure Price Index



Notes: FOMC projection is the median, range, and central tendency for Q4/Q4 percent changes, from the March 2018 meeting. Red dots indicate median projections.

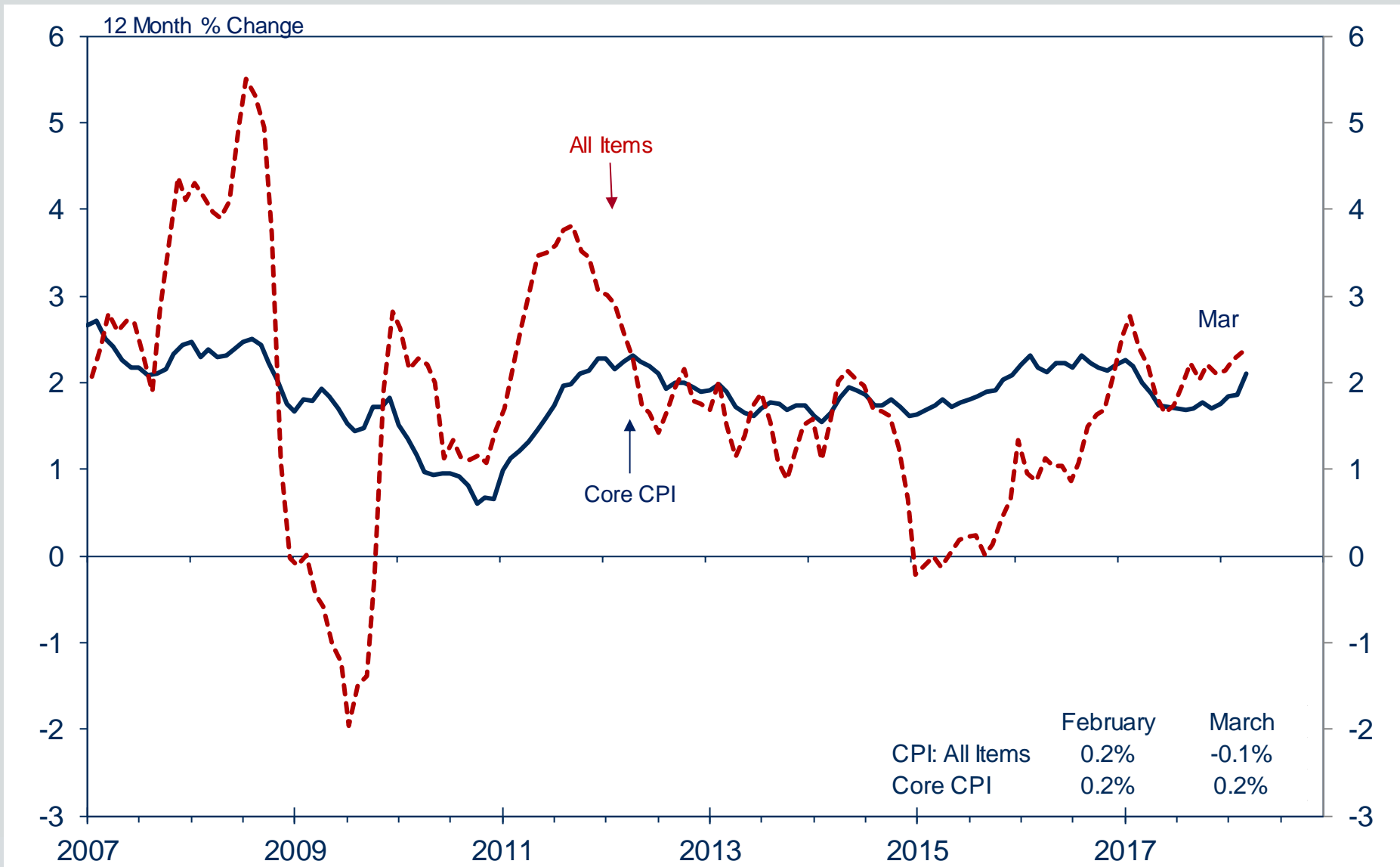
Source: Bureau of Economic Analysis & Board of Governors via Haver Analytics 44

Core Personal Consumption Expenditure Price Index

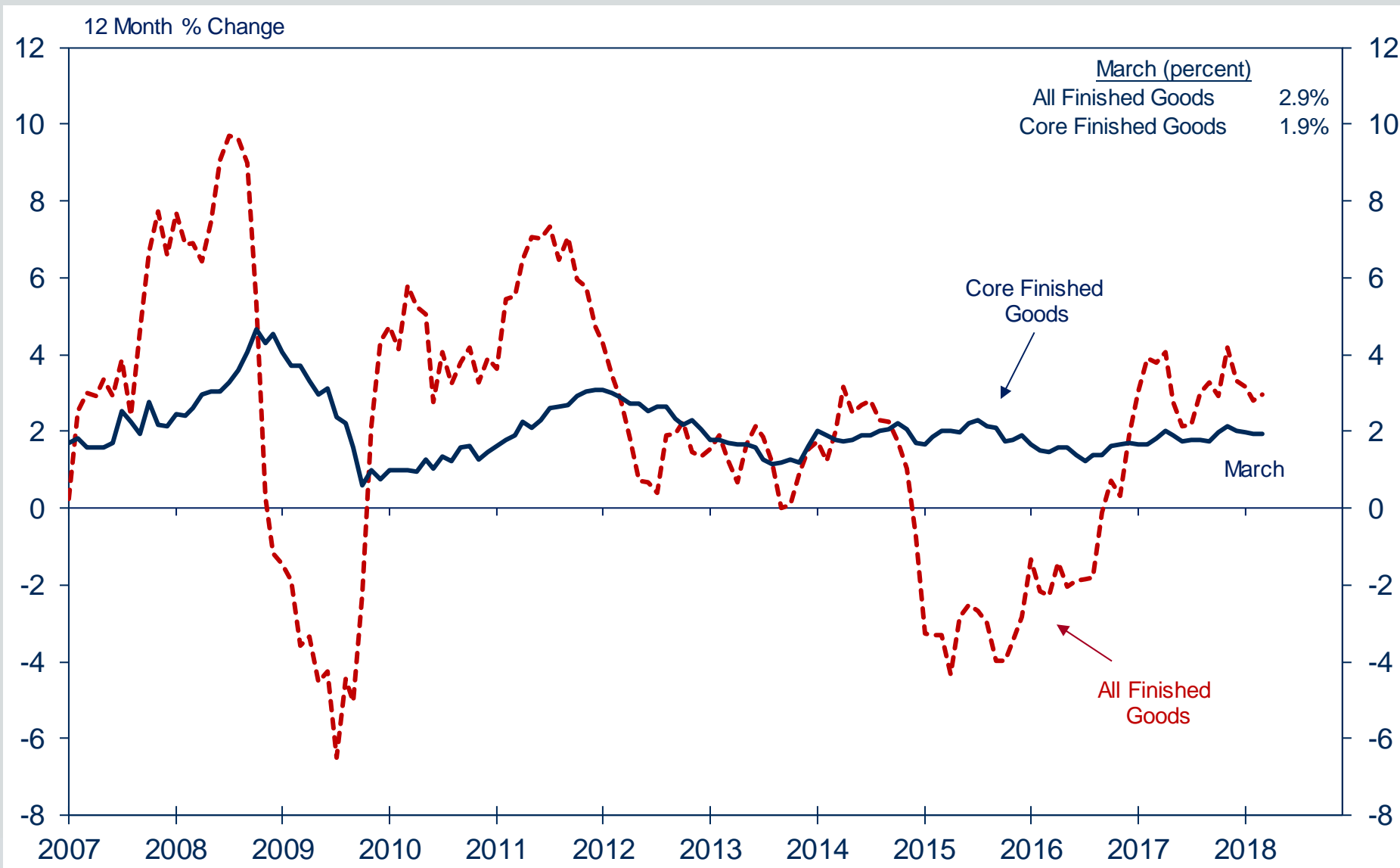


Notes: FOMC projection is the median, range, and central tendency for Q4/Q4 percent changes, from the March 2018 meeting. Red dots indicate median projections. Core PCE Price Index excludes expenditures on gasoline and food services.
 Source: Bureau of Economic Analysis & Board of Governors via Haver Analytics

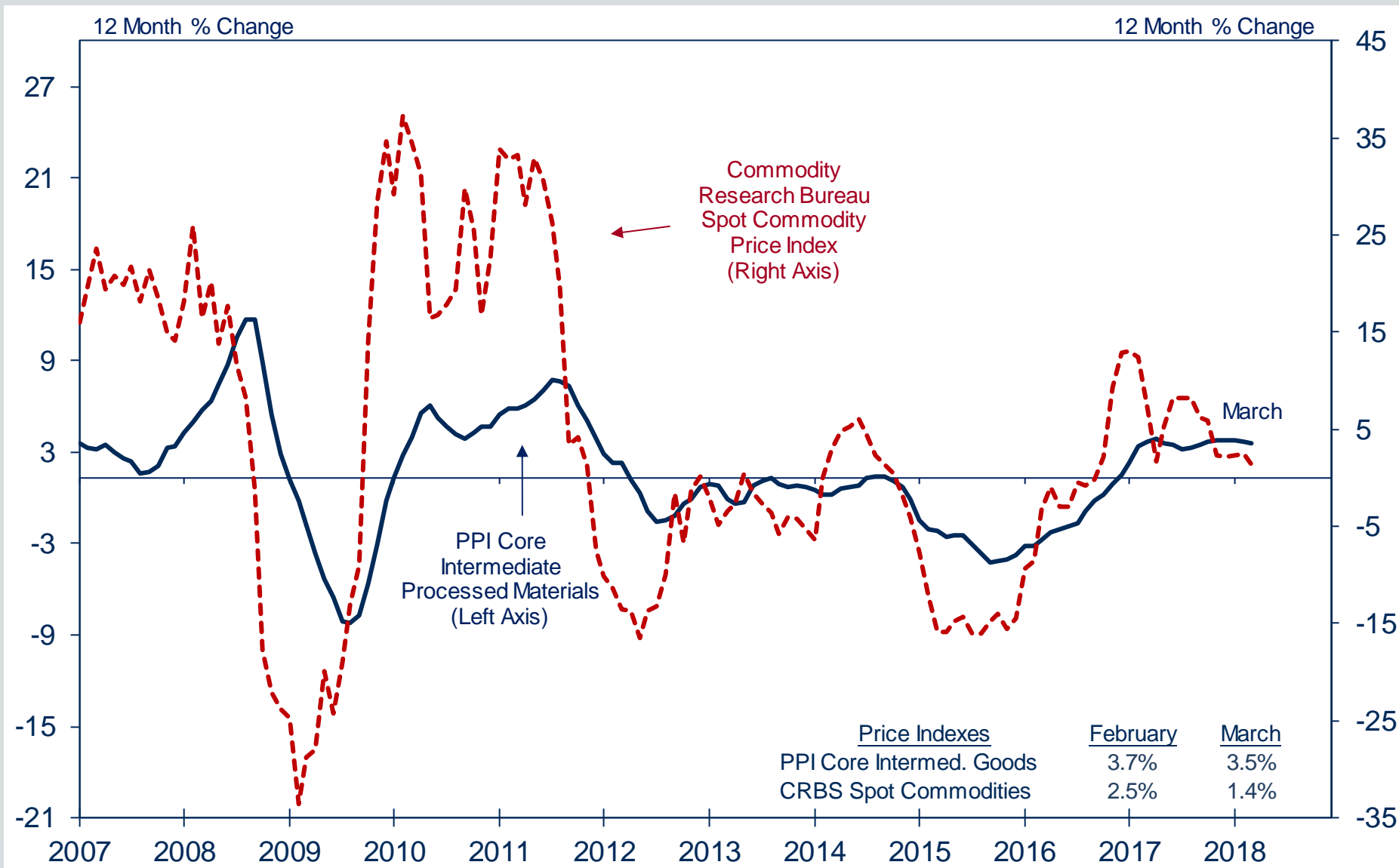
Consumer Price Indexes



Producer Price Indexes



Commodity Price Indexes



Crude Oil Prices



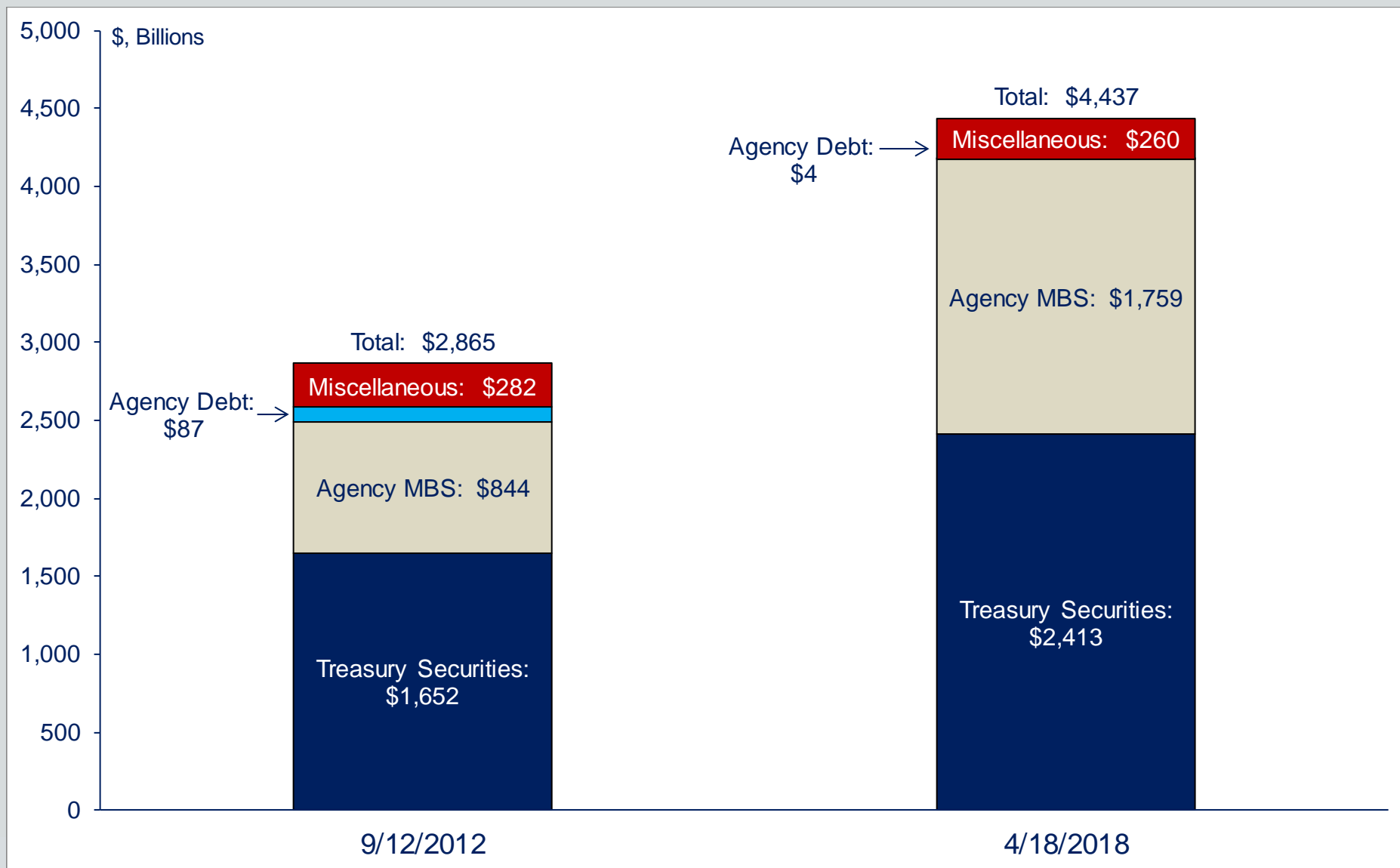
Notes: Spot and Futures Prices are for Brent Crude Oil.

Source: Financial Times & New York Mercantile Exchange via Haver Analytics & Bloomberg

TIPS Inflation Compensation

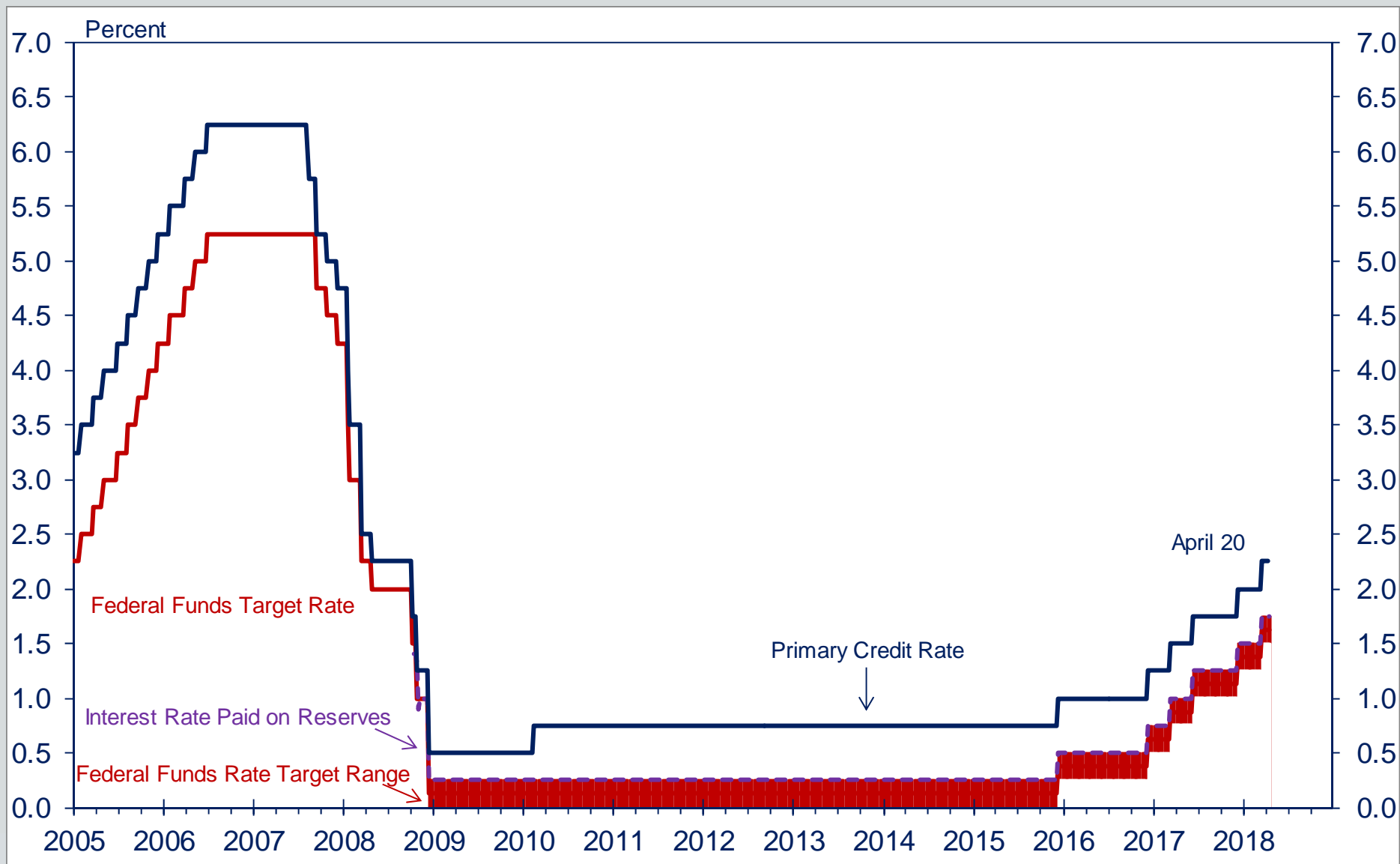


Federal Reserve System Assets

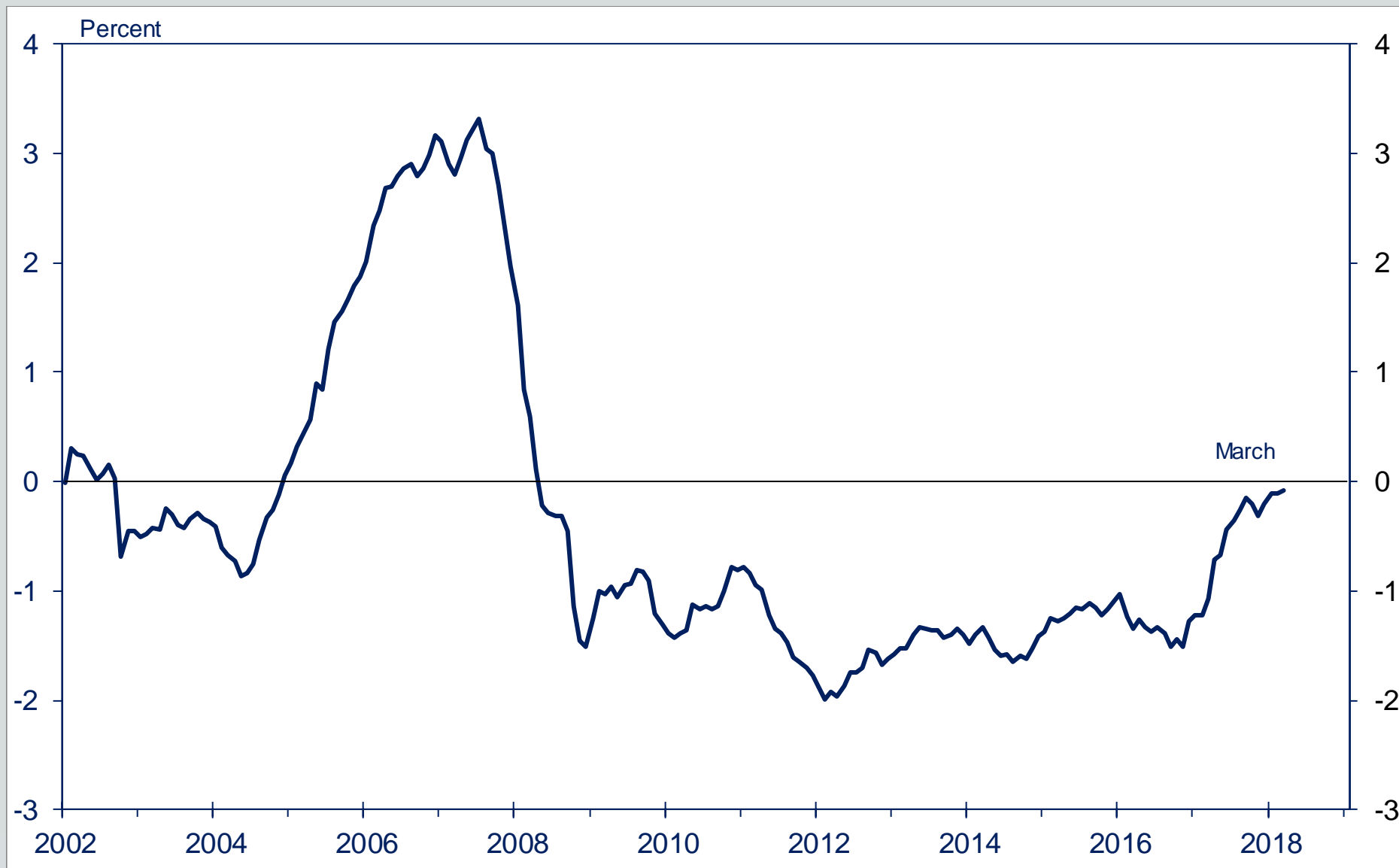


Note: Numbers may not add up due to rounding.

Monetary Policy Instruments



Real Federal Funds Rate



Note: The Real Federal Funds Rate is the difference between the effective Fed Funds rate and the lagged year-over-year change in the core PCE price index.

Source: Bureau of Economic Analysis & Board of Governors via Haver Analytics 53

FOMC Statement

March 21, 2018

Information received since the Federal Open Market Committee met in January indicates that the labor market has continued to strengthen and that economic activity has been rising at a moderate rate. Job gains have been strong in recent months, and the unemployment rate has stayed low. Recent data suggest that growth rates of household spending and business fixed investment have moderated from their strong fourth-quarter readings. On a 12-month basis, both overall inflation and inflation for items other than food and energy have continued to run below 2 percent. Market-based measures of inflation compensation have increased in recent months but remain low; survey-based measures of longer-term inflation expectations are little changed, on balance.

Consistent with its statutory mandate, the Committee seeks to foster maximum employment and price stability. The economic outlook has strengthened in recent months. The Committee expects that, with further gradual adjustments in the stance of monetary policy, economic activity will expand at a moderate pace in the medium term and labor market conditions will remain strong. Inflation on a 12-month basis is expected to move up in coming months and to stabilize around the Committee's 2 percent objective over the medium term. Near-term risks to the economic outlook appear roughly balanced, but the Committee is monitoring inflation developments closely.

In view of realized and expected labor market conditions and inflation, the Committee decided to raise the target range for the federal funds rate to 1-1/2 to 1-3/4 percent. The stance of monetary policy remains accommodative, thereby supporting strong labor market conditions and a sustained return to 2 percent inflation.

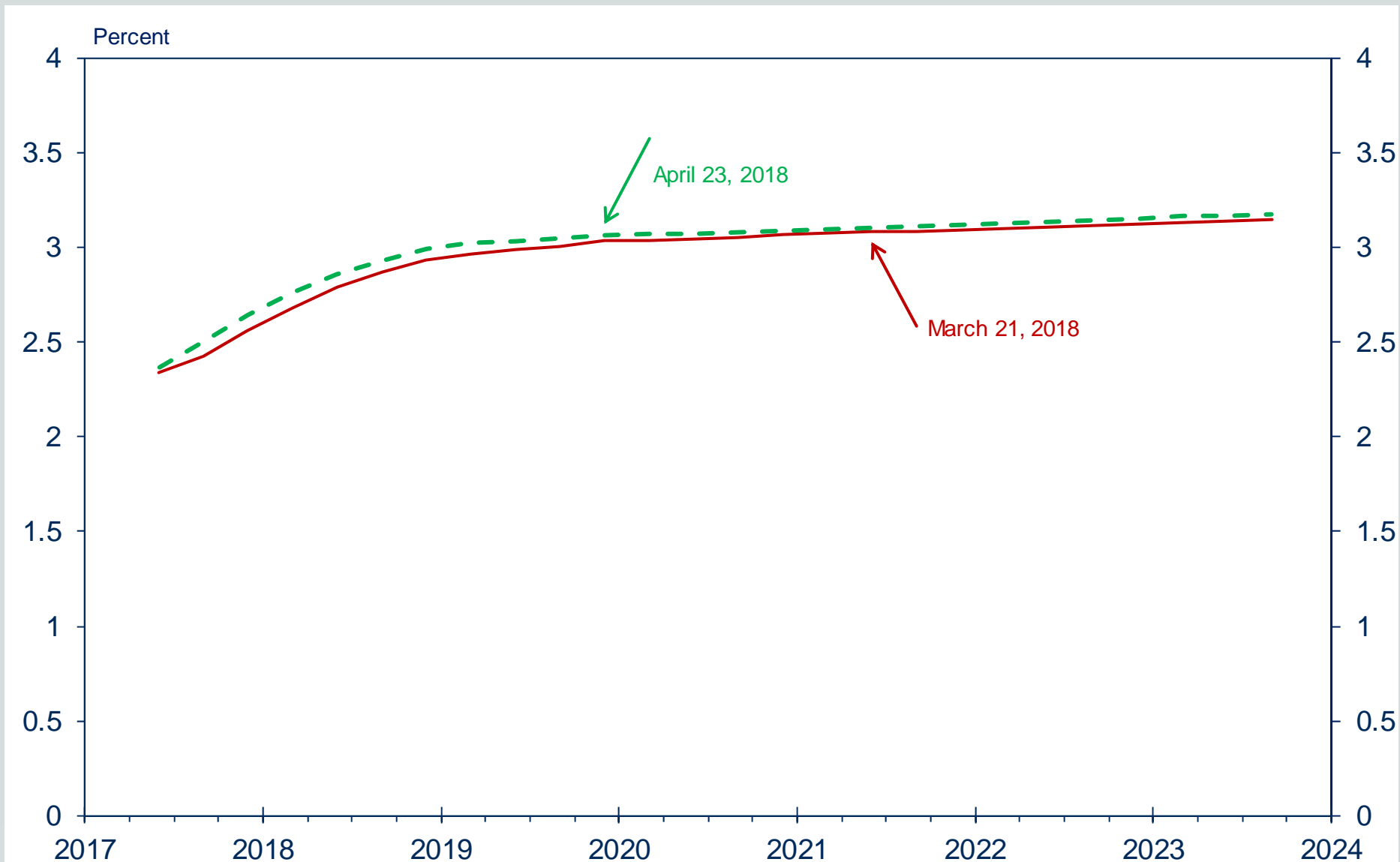
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In determining the timing and size of future adjustments to the target range for the federal funds rate, the Committee will assess realized and expected economic conditions relative to its objectives of maximum employment and 2 percent inflation. This assessment will take into account a wide range of information, including measures of labor market conditions, indicators of inflation pressures and inflation expectations, and readings on financial and international developments.

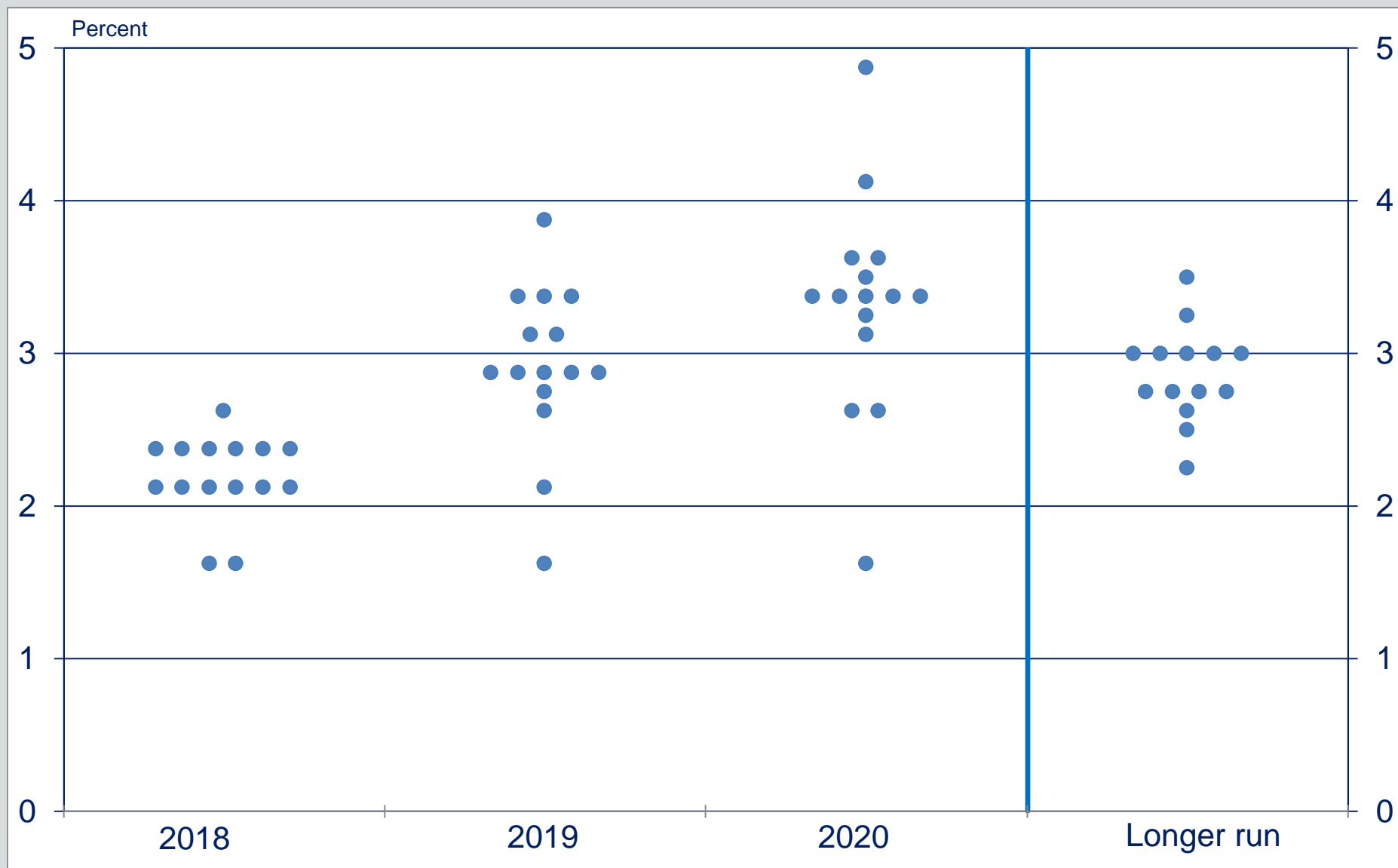
The Committee will carefully monitor actual and expected inflation developments relative to its symmetric inflation goal. The Committee expects that economic conditions will evolve in a manner that will warrant further gradual increases in the federal funds rate; the federal funds rate is likely to remain, for some time, below levels that are expected to prevail in the longer run. However, the actual path of the federal funds rate will depend on the economic outlook as informed by incoming data.

Voting for the FOMC monetary policy action were Jerome H. Powell, Chairman; William C. Dudley, Vice Chairman; Thomas I. Barkin; Raphael W. Bostic; Lael Brainard; Loretta J. Mester; Randal K. Quarles; and John C. Williams.

Eurodollar Futures



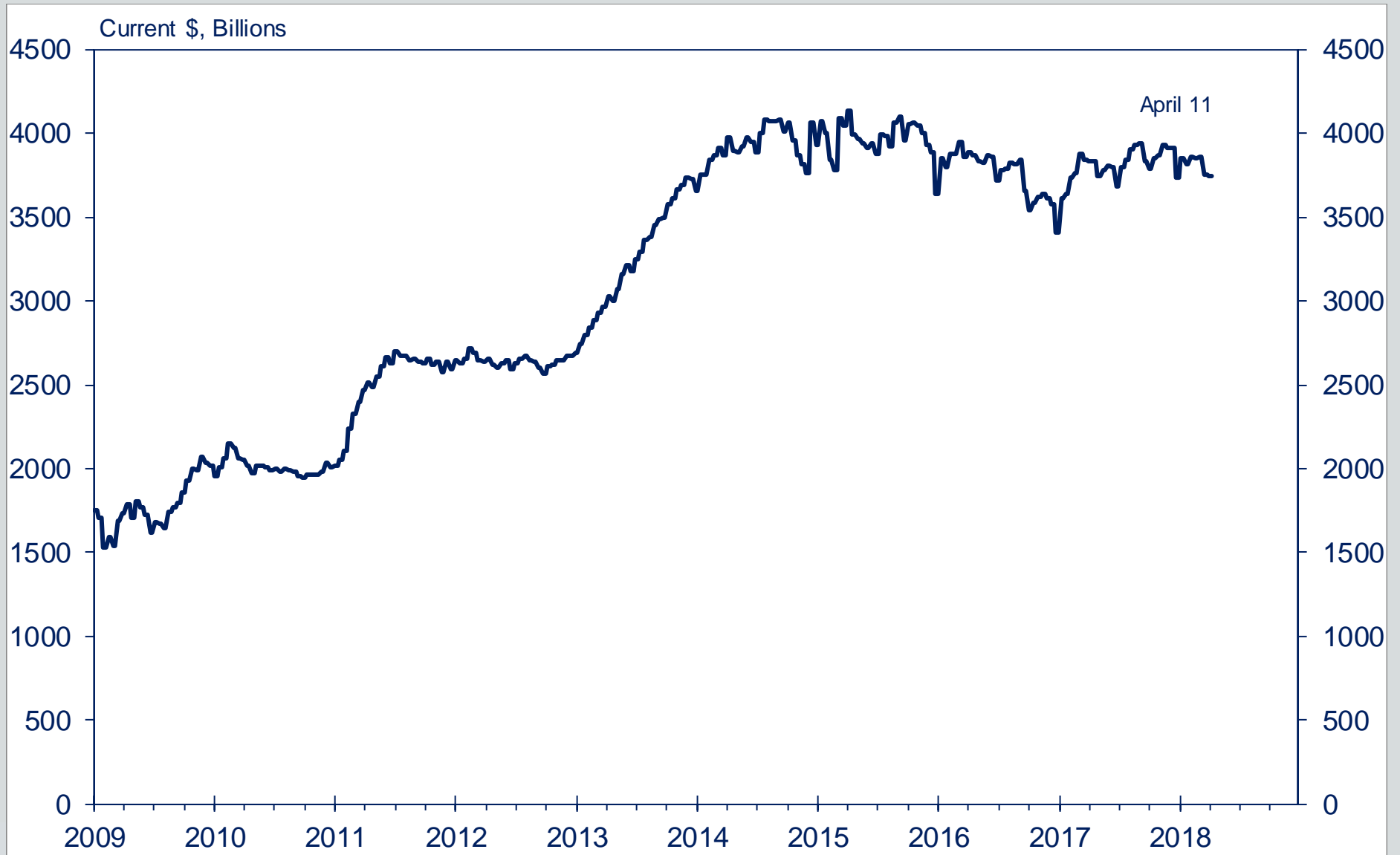
Summary of Economic Projections: Federal Funds Rate



Note: Each dot in the chart represents the value of an FOMC participant's judgment of the midpoint of the appropriate target range (or the appropriate target level) for the federal funds rate at the end of the calendar year. Projections made for the March 2018 meeting.

Source: Board of Governors

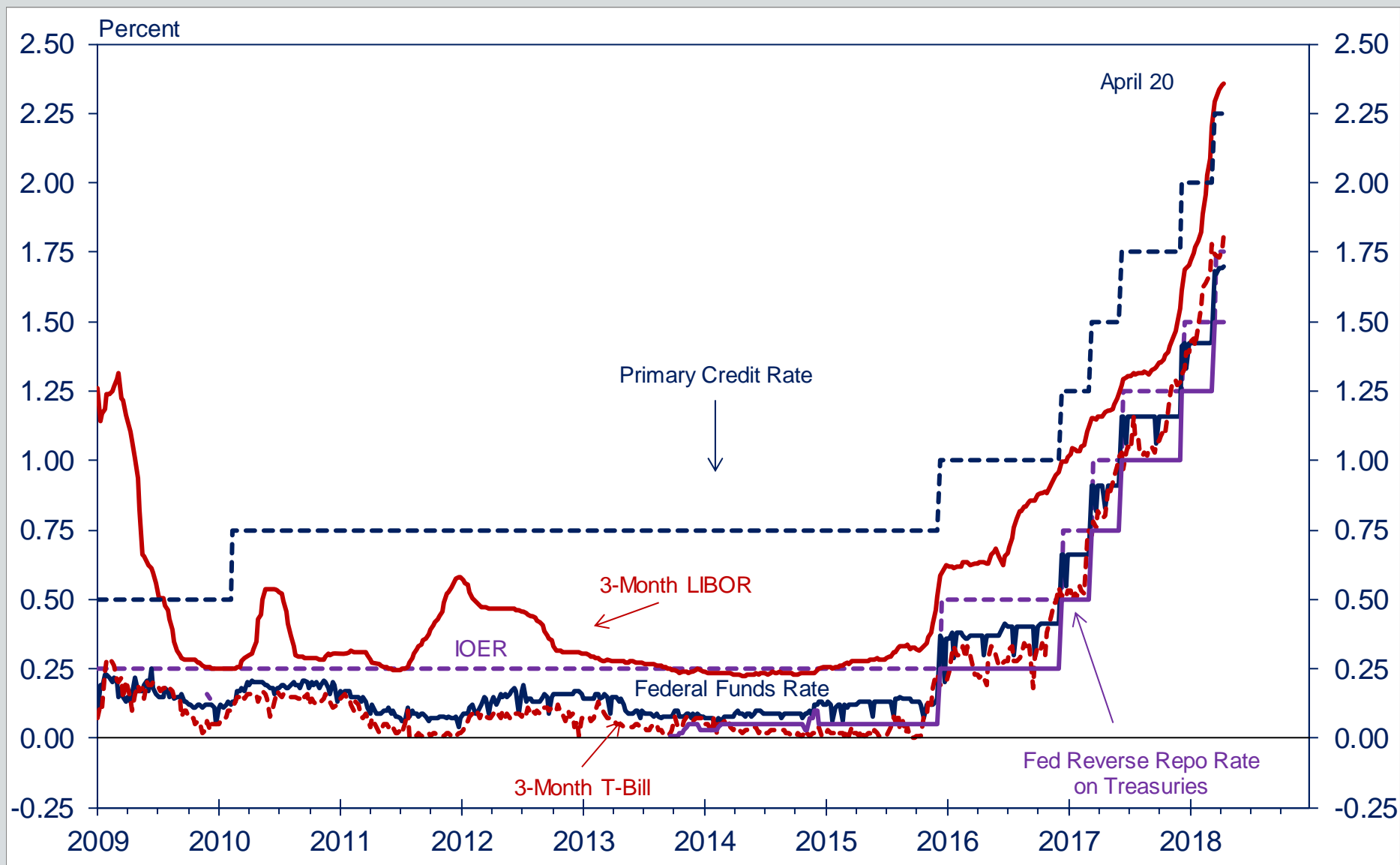
Monetary Base



M2



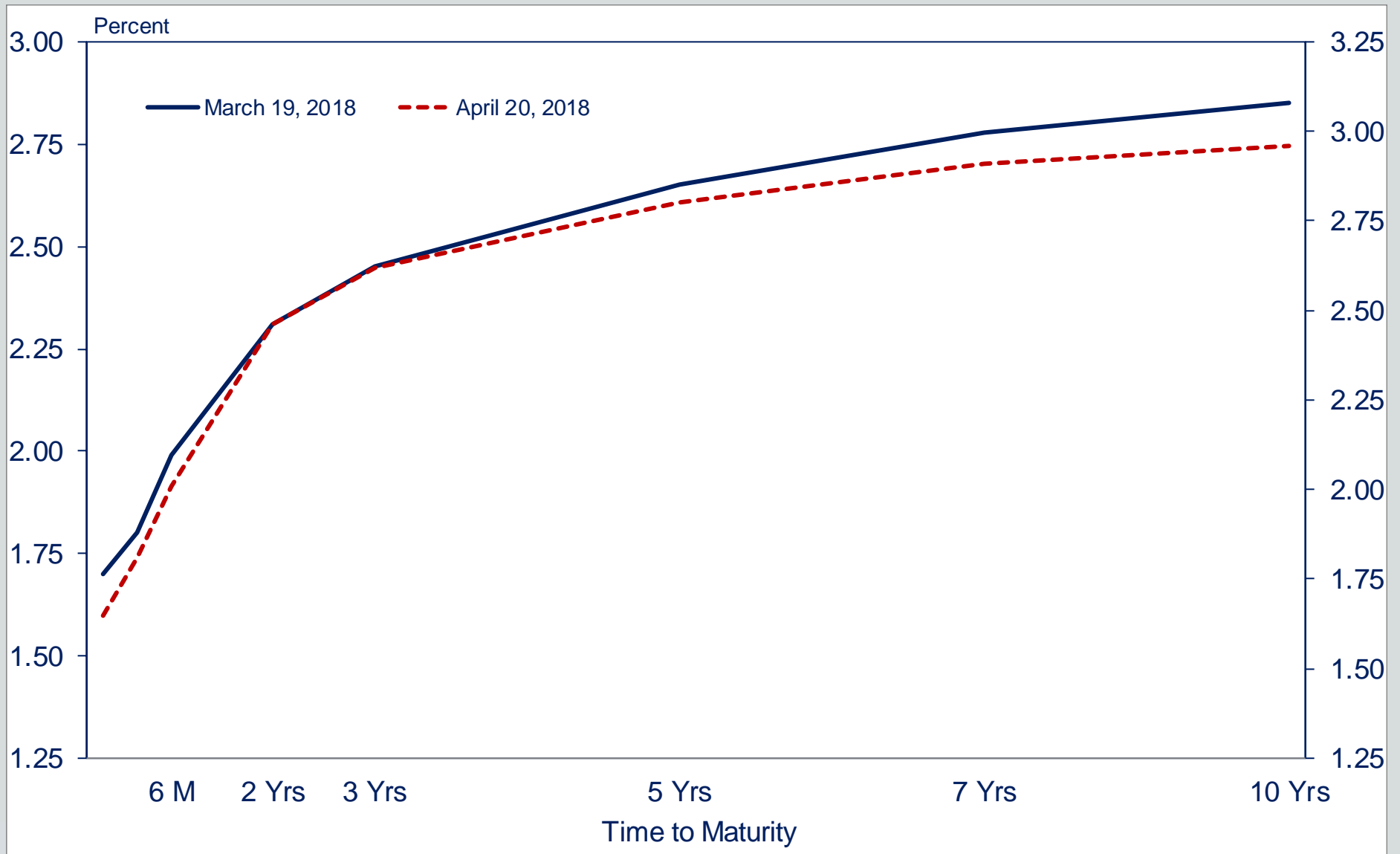
Money Market Rates



Capital Market Rates



Treasury Yield Curve



Risk Premium

