

Voya Global Perspectives

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As of January 5, 2018

Investment Weekly

Commentary and Statistics

- The economic calendar underpinned positive sentiment during a holiday-shortened week, as stocks posted strong gains globally. The Dow Jones Industrial Average surpassed the 25,000 mark, a new record. Oil and gold prices were up for the week; the widely watched 10-year U.S. Treasury yield rose from 2.42% to 2.48%.
- Nonfarm payrolls expanded by 148,000 jobs in December, below the 190K consensus. Yet it represented fairly solid growth within the theme of a tight labor market, and was well above the 75–100K range Fed officials say is needed to keep the unemployment rate steady. Wages were also a focus; December hourly earnings growth came in at 0.3% m/m, in line with expectations. The average workweek was unchanged at 34.5 hours.
- The December payrolls report is unlikely to end discussion of the relationship between employment and wages. The breakdown of the Phillips curve has been on the Fed's radar; the FOMC's December minutes note that despite reports of businesses experiencing difficulty finding workers in several districts, there has not been a meaningful increase in wages.
- The U.S. ISM manufacturing index hit a three-month high in December following a well-received batch of global manufacturing PMIs. Better-than-expected November construction spending prompted some analysts to revise their Q4 GDP forecasts upward. December auto sales came in ahead of expectations.
- The week also featured a generally positive batch of global services PMIs. JP Morgan's Global Services Business Activity Index increased to 53.9 in December from 53.7 in November, matching the highest level since 2Q15. Markit's U.S. services PMI slipped to 53.7 in December from 54.5 in November, but came in ahead of the 52.4 flash reading, representing one of the

Index Prices (\$)		
Index	01/05/18	12/31/17
Dow Jones Industrial Average	25,295.87	24,652.00
S&P 500 Index	2,743.15	2,676.00

Returns (%)				
U.S. Market Indexes Returns	One Week	MTD	YTD	3-Months
Dow Jones Industrial Average	2.37	2.37	2.37	11.70
S&P 500 Index	2.63	2.63	2.63	8.01
Russell 2000 Index	1.61	1.61	1.61	3.51
Russell MidCap Index	1.98	1.98	1.98	6.76
Bloomberg Barclays U.S. Aggregate Index	-0.32	-0.32	-0.32	0.12
Bloomberg Barclays High Yield Bond Index	0.73	0.73	0.73	1.03
United States 20-Year Treasury Bond	-1.15	-1.15	-1.15	1.97
S&P/LSTA Senior Loan Index	0.29	0.29	0.29	1.07

S&P 500 Sector Returns	One Week	MTD	YTD	3-Months
Consumer Discretionary	3.28	3.28	3.28	11.61
Consumer Staples	0.11	0.11	0.11	5.90
Energy	3.94	3.94	3.94	9.93
Financials	1.79	1.79	1.79	8.47
Health Care	3.26	3.26	3.26	3.23
Industrials	2.81	2.81	2.81	7.54
Materials	4.06	4.06	4.06	8.93
Technology	4.24	4.24	4.24	12.24
Telecom	-1.29	-1.29	-1.29	1.33
Utilities	-2.50	-2.50	-2.50	-3.05

U.S. Returns by Style

One Week (%)		Year to Date (%)		3-Months (%)	
Large Value	Large Growth	Large Value	Large Growth	Large Value	Large Growth
1.7	3.3	1.7	3.3	5.7	10.0
Mid Value	Mid Growth	Mid Value	Mid Growth	Mid Value	Mid Growth
1.2	3.0	1.2	3.0	5.5	8.4
Small Value	Small Growth	Small Value	Small Growth	Small Value	Small Growth
1.2	2.0	1.2	2.0	2.0	5.0

Large Value: Russell 1000 Value
MidCap Value: Russell MidCap Value
Small Value: Russell 2000 Value

Large Growth: Russell 1000 Growth
MidCap Growth: Russell MidCap Growth
Small Growth: Russell 2000 Growth

Global Market Returns (%)	One Week	MTD	YTD	3-Months
Bloomberg Barclays Global Aggregate Bond Index	-0.10	-0.10	-0.10	1.38
MSCI EAFE Index	2.45	2.45	2.45	6.82
MSCI United Kingdom Index	0.73	0.73	0.73	6.74
MSCI Europe ex-U.K. Index	2.94	2.94	2.94	4.03
MSCI Japan Index	3.18	3.18	3.18	11.41
MSCI AC Asia ex-Japan Index	3.50	3.50	3.50	9.98
MSCI Emerging Markets Index	3.69	3.69	3.69	9.33
JPM EMBI+ Emerging Markets Bond Index	0.34	0.34	0.34	0.65
FTSE EPRA/NAREIT GRE Index	0.29	0.29	0.29	3.34

Source: FactSet

largest upward revisions on record. There were also signs of strength from Markit's Eurozone Services PMI and the China Caixin Services PMI.

- In a speech on Friday, Philadelphia Fed President Patrick Harker (2018 voter) highlighted weak inflation in the United States and around the globe, and said that given his uncertainty about the longer-term outlook he believes two rate increases are likely to be appropriate for 2018, compared to the Street consensus for three.

Bond Rates (%) as of:	01/05/18	12/29/17	12/31/17	10/05/17
U.S. Federal Funds Target Rate	1.50	1.50	1.50	1.25
U.S. Two-Year Treasury Yield	1.96	1.89	1.89	1.50
U.S. Ten-Year Treasury Yield	2.48	2.41	2.41	2.35
U.S. 30-Year Treasury Yield	2.81	2.74	2.74	2.89
High Yield (Merrill U.S. Corporates)	5.42	5.59	5.59	5.26

Commodity Prices as of:	01/05/18	12/29/17	12/31/17	10/05/17
Gold (USD/oz)	1,322.30	1,309.30	1,309.30	1,273.20
Crude Oil (USD/bbl)	61.44	60.42	60.42	50.79
Gasoline (USD/gal)	2.70	2.66	2.66	2.72
Copper (NYM \$/lbs)	3.21	3.28	3.28	3.03

Exchange Rates as of:	01/05/18	12/29/17	12/31/17	10/05/17
\$ per €	1.20	1.20	1.20	1.17
\$ per £	1.36	1.35	1.35	1.31
¥ per \$	113.23	112.65	112.65	112.65

Index Definitions

Bloomberg Barclays Global Aggregate Bond Index measures a wide range of global government, government-related, corporate and securitized fixed-income investments, all with maturities greater than one year.

Bloomberg Barclays High-Yield Bond Index tracks the performance of below investment grade U.S. dollar-denominated corporate bonds publicly issued in the U.S. domestic market.

Bloomberg Barclays U.S. Aggregate Index is a bond market index composed of U.S. securities in Treasury, Government-Related, Corporate, and Securitized sectors that are of investment-grade quality or better, have at least one year to maturity, and have an outstanding par value of at least \$250 million.

Dow Jones Industrial Average is a price-weighted average computed from the stock prices of 30 of the largest and most widely held public companies in the United States, adjusted to reflect stock splits and stock dividends.

FTSE EPRA/NAREIT Global Real Estate Index represents general performance trends of the equity securities of real estate companies involved in the ownership, disposition and development of income-producing properties worldwide.

JPMorgan Emerging Markets Bond Index Plus (EMBI+) tracks total returns for traded foreign currency denominated debt instruments in the emerging markets which meet minimum criteria for face value outstanding and market trading liquidity.

MSCI EAFE Index is a free float-adjusted market capitalization weighted index designed to measure developed markets' equity performance, excluding the U.S. & Canada, for 21 countries.

MSCI Europe ex-U.K. Index is a free float-adjusted market capitalization weighted index designed to measure equity performance of the 15 developed European markets except the United Kingdom.

MSCI U.K. Index is a free float-adjusted market capitalization weighted index designed to measure equity performance of listed common stocks in the United Kingdom.

MSCI Asia ex-Japan Index is a free float-adjusted market capitalization weighted index designed to measure equity performance of the 15 developed Asian markets except Japan.

MSCI Japan Index is a free float-adjusted market capitalization weighted index designed to measure equity performance of listed common stocks in Japan.

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Past performance is no guarantee of future results.

MSCI Emerging Markets Index is a free float-adjusted market capitalization index that measures emerging market equity performance of 23 countries.

Municipal Bond Index is a bond index that includes investment-grade, tax-exempt fixed-rate bonds with long-term maturities (greater than two years) selected from issues larger than \$50 million.

NASDAQ Composite Index is a market capitalization weighted index of the performance of domestic and international common stocks listed on The Nasdaq Stock Market including over 2,800 securities.

Russell 1000 Growth Index measures the large-cap growth segment of the U.S. equity market including Russell 1000 companies with higher price-to-book ratios and forecasted growth.

Russell 1000 Value Index measures the large-cap value segment of the U.S. equity market including Russell 1000 companies with lower price-to-book ratios and lower expected growth.

Russell MidCap Growth Index measures the performance of the mid-cap growth segment of the U.S. equity market including Russell Midcap Index companies with higher price-to-book ratios and forecasted growth.

Russell MidCap Value Index measures the performance of the mid-cap growth segment of the U.S. equity market including Russell Midcap Index companies with lower price-to-book ratios and forecasted growth.

Russell 2000 Growth Index measures the performance of small-cap growth stocks in the U.S. equity market including Russell 2000 companies with higher price-to-value ratios and forecasted growth.

Russell 2000 Value Index measures the performance of small-cap growth stocks in the U.S. equity market including Russell 2000 companies with lower price-to-value ratios and forecasted growth.

S&P 500 Index is a widely regarded as the best single gauge of the U.S. equities market, including 500 leading companies in major industries of the U.S. economy.

S&P 500 Sectors are defined as the GICS (Global Industry Classification Standard) sectors which provide standardized industry definitions consisting of 10 sectors, 24 industry groups, and 67 industries.

Economic Release Calendar

Monday, January 8	Tuesday, January 9	Wednesday, January 10	Thursday, January 11	Friday, January 12
M1 (Dec) China	Consumer Confidence Index (Dec) Japan	Manufacturing Production (Nov) U.K.	Coincident Index (Nov) Japan	Foreign Direct Investment (Dec) China
Halifax House Price (Dec) U.K.	NFIB Small Business Index (Dec) U.S.		Leading Index (Nov) Japan	CPI (Dec) U.S.
BRC Retail Sales All (Dec) U.K.	ICSC-Goldman Sachs Retail Sales Tracking (Jan. 6) U.S.		PPI (Dec) U.S.	Retail Sales (Dec) U.S.
	JOLTS Job Openings (Nov) U.S.			Baker Hughes U.S. Rig Count (Jan. 12) U.S.

Source: Bloomberg

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Voya Investment Management



Equity | Fixed Income | Multi-Asset Strategies & Solutions

Voya Investment Management is the asset management arm of Voya Financial, a leader in retirement services and investing. Our investment platform has been carefully built to help meet the long-term needs and goals of our clients, supported by more than 200 investment professionals. Our deep understanding of managing risk exposure and capturing unrecognized investment potential through intense fundamental research and skilled portfolio construction has delivered a consistency of results across continuously evolving market cycles. Today, we are proud to manage more than \$230 billion in assets for investors.¹

79% of our assets outperformed their benchmark or peer median on a 5-year basis.²

84% of the time our portfolios outperformed their benchmark on a rolling 3-year basis.³

88% of the time our portfolios outperformed their benchmark on a rolling 5-year basis.³

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¹ As of 09/30/17, Voya IM assets of \$230 billion include proprietary insurance general account assets of \$91 billion calculated on a market value basis. Voya IM assets, as reported in Voya Financial, Inc. SEC filings, include general account assets valued on a statutory book value basis and total approximately \$222 billion. ² Metrics presented use pre-determined criteria to measure each individual investment product based on its ability to either A) rank above the median of its peer category; or B) outperform its benchmark index on a gross-of-fees basis. Generally speaking, the results for unconstrained, fully-active investment products were based on relevant peer category rankings while those of "enhanced index", rules-based, risk-constrained, or client-specific investment products were based on benchmark-relative performance. Metrics are calculated on an annualized basis and includes mutual funds as well as pooled and separately-managed institutional portfolios that fall within our traditional (long-only) commercial book of business that remain open as of 09/30/17. If terminated and other accounts had been included, results may have differed from that shown. Source of performance returns and peer medians is Voya Investment Management but is based in part on data from Morningstar (mutual funds) and eVestment (institutional composites). Further detailed information regarding these calculations is available upon request. ³ Metrics are based on observations of rolling 3-year or 5-year annualized returns over the last 30 months, calculated on an annualized, gross-of-fees basis, and includes mutual funds as well as pooled and separately-managed institutional portfolios that fall within our traditional long-only commercial book of business that remain open as of 09/30/17. If terminated and other accounts had been included, results may have differed from that shown. Source of performance returns is Voya Investment Management, and further detailed information regarding these calculations is available upon request.

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