

**Quarterly  
Investment Briefing  
August 14, 2014**



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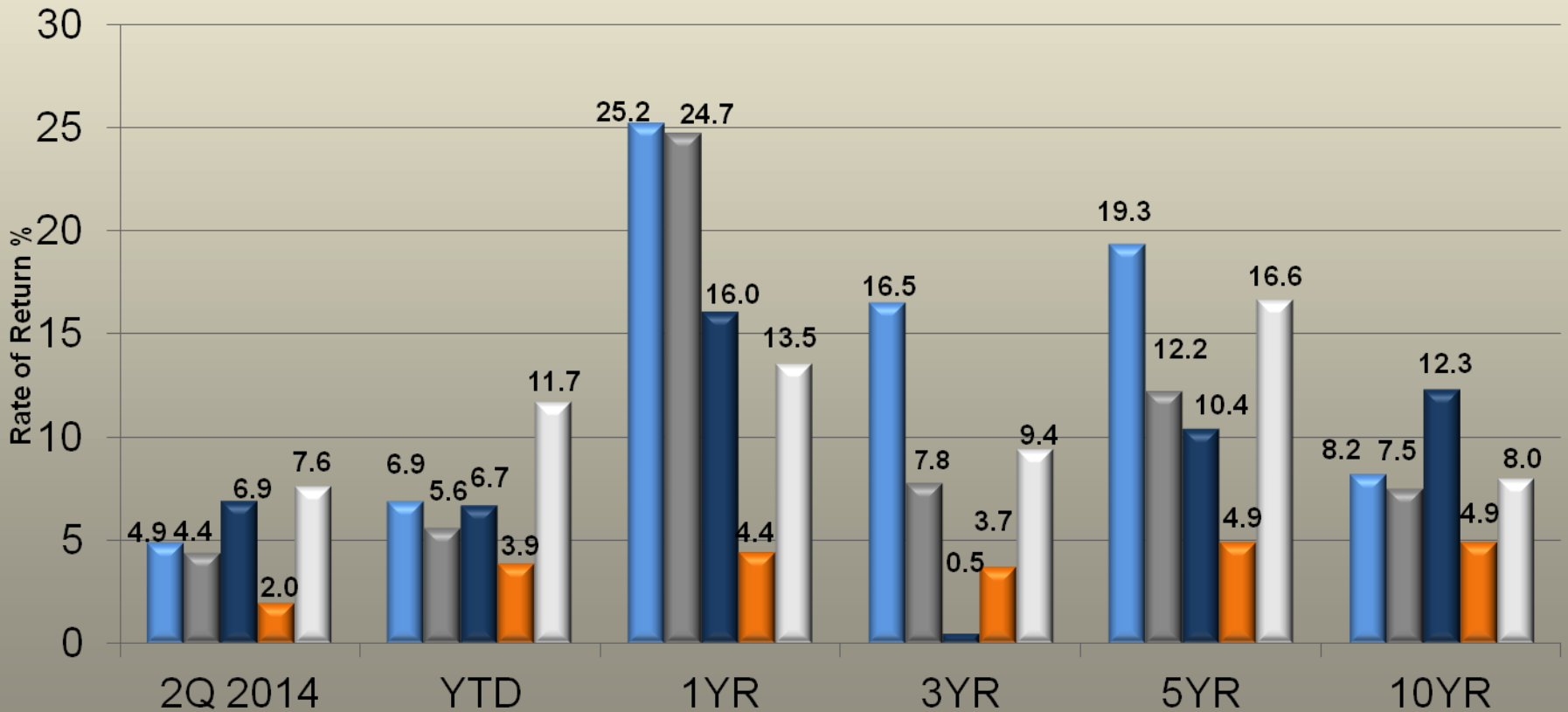
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# Capital Market Returns

## Period Ending June 30, 2014

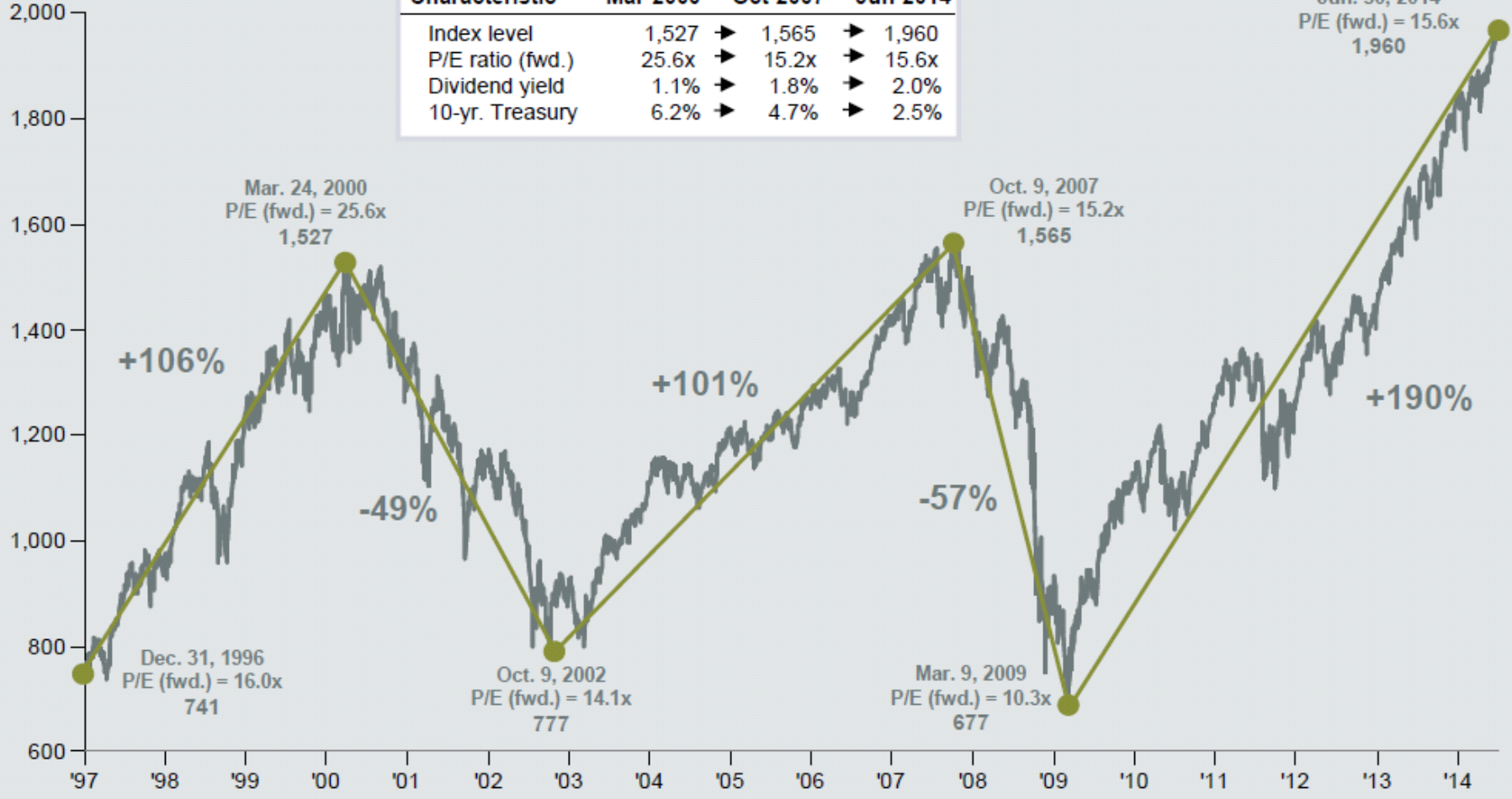
- U.S. Equities
- Emerging Market Equities
- Real Estate
- Non-U.S. Equities
- Fixed Income



# S&P 500 Index at Inflection Points

**S&P 500 Index**

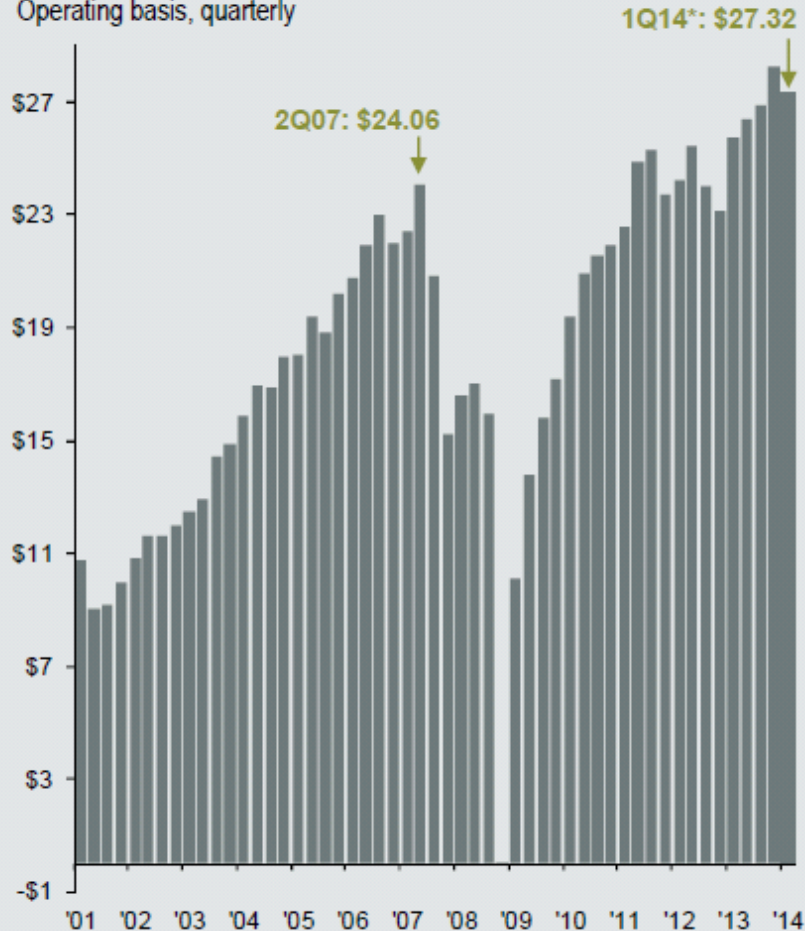
Characteristic	Mar-2000	Oct-2007	Jun-2014
Index level	1,527	1,565	1,960
P/E ratio (fwd.)	25.6x	15.2x	15.6x
Dividend yield	1.1%	1.8%	2.0%
10-yr. Treasury	6.2%	4.7%	2.5%



# Corporate Profits and Leverage

**S&P 500 Earnings Per Share**

Operating basis, quarterly



**Profit Margins**



**Total Leverage**

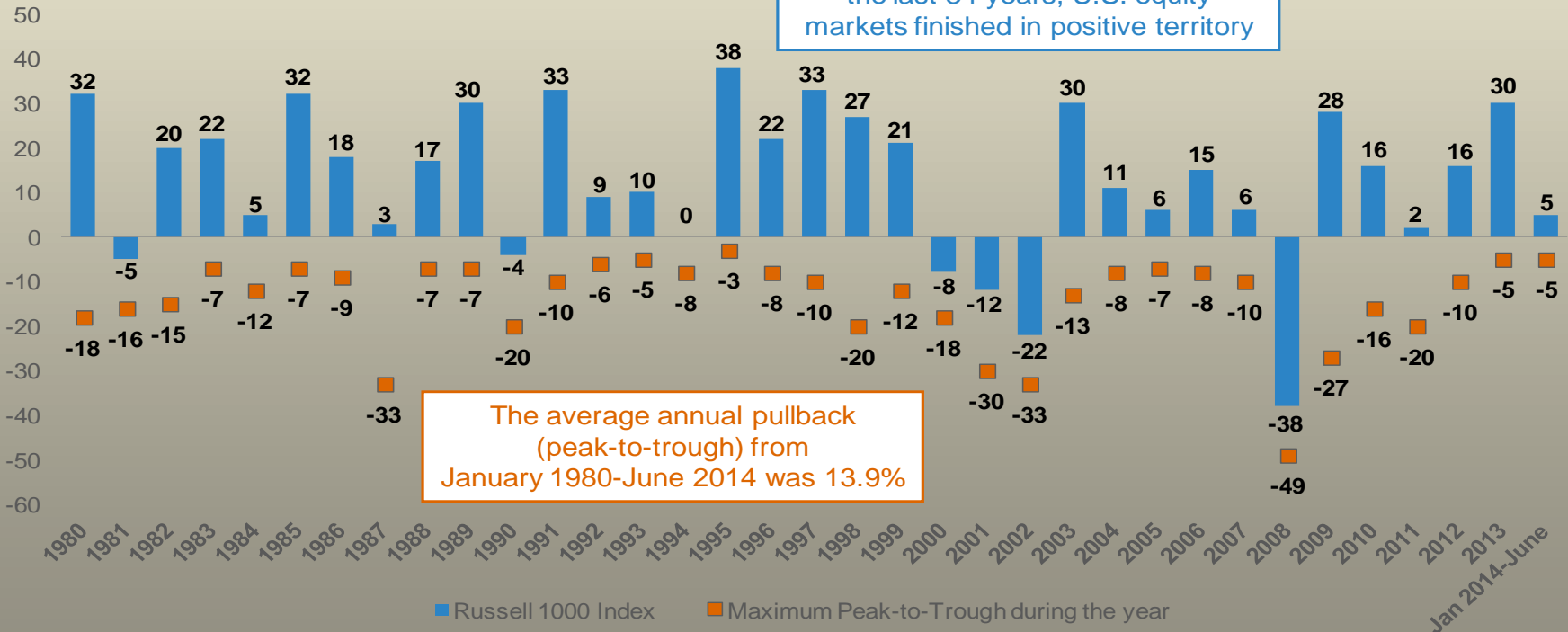
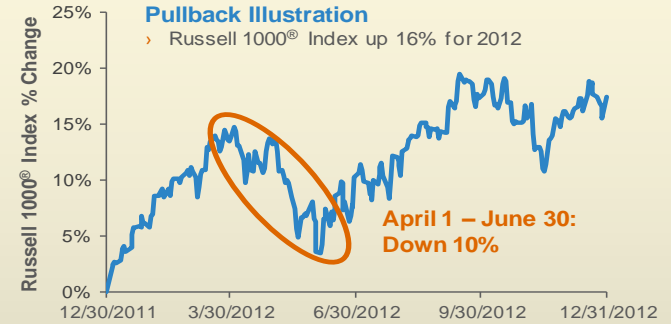
S&P 500, ratio of total debt to total equity, quarterly



# Pullbacks are Common

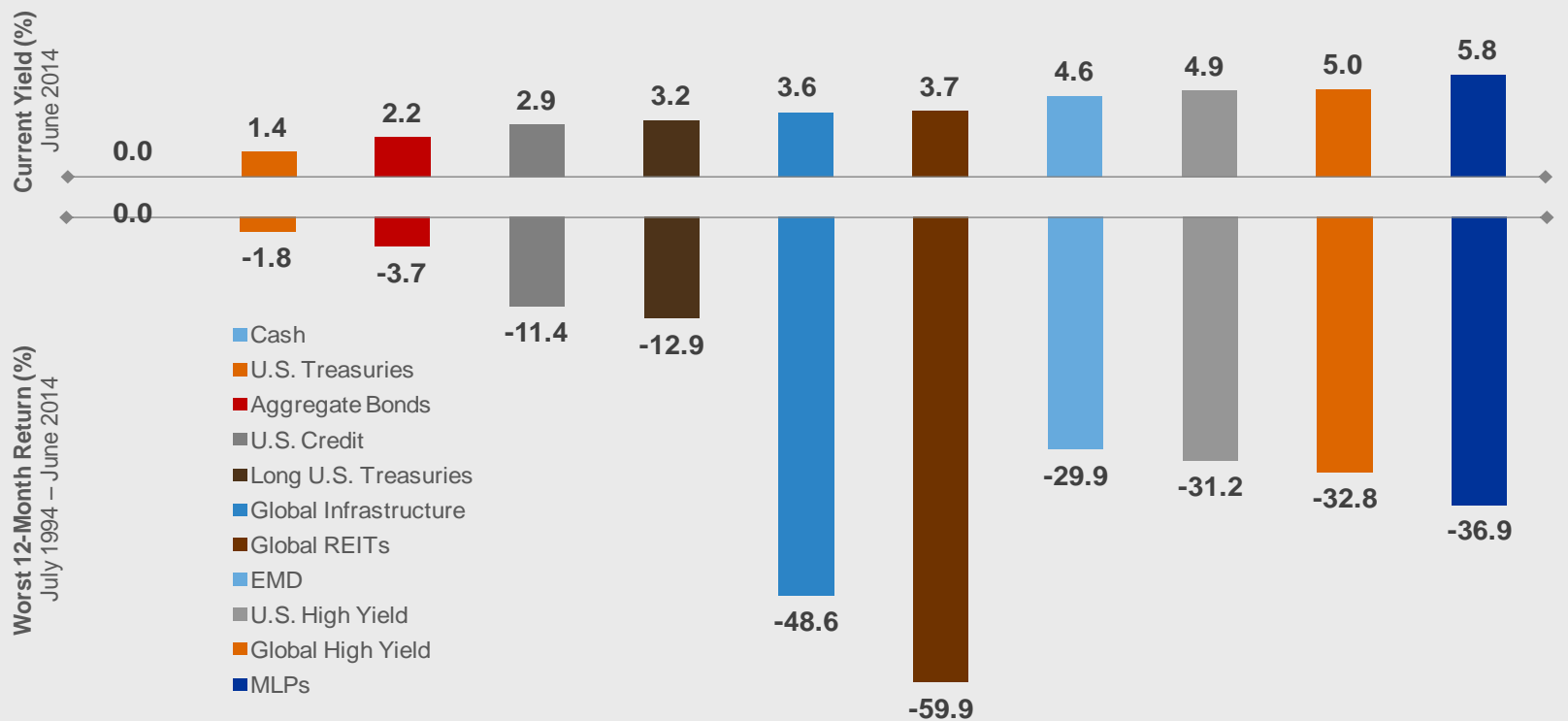
## AND SHOULD NOT DISTRACT THE LONG-TERM INVESTOR

### Calendar-year U.S. equity returns (%) and intra-year declines



# Yield: Be Careful What You Reach For

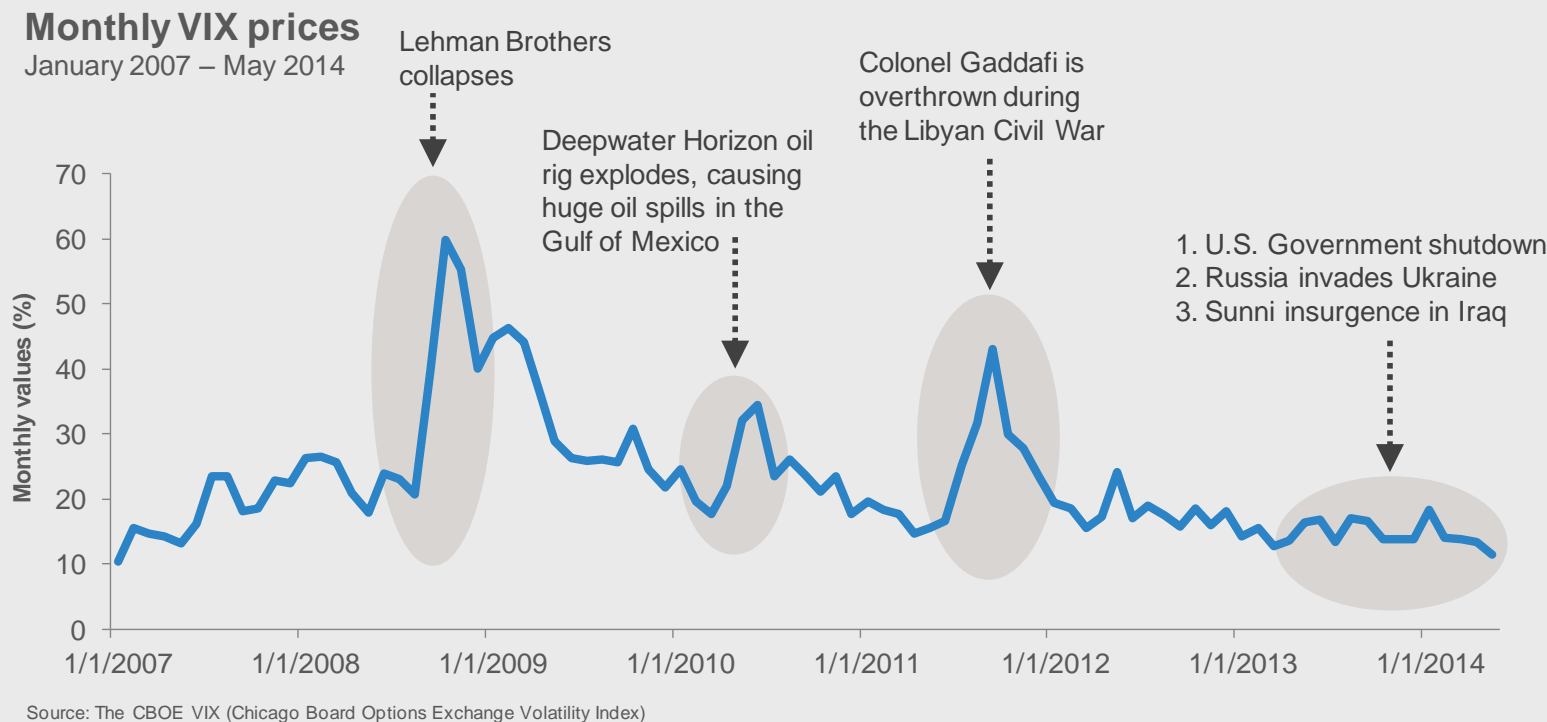
## CURRENT YIELD AND DOWNSIDE RISK



- › Low interest rates can tempt investors to “reach” for yield
- › Higher yields carry additional risks
- › Don’t mistake yield for safety

# Have Investors Become Complacent?

Recent External Events Have Not Destabilized Markets



	2008	2010	2011	YTD
% of days market +/- 1%	51%	29%	37%	12%
% of days market +/- 2%	27%	8%	13%	2%
% of days market +/- 3%	16%	3%	5%	0%

Source: Market represented by S&P 500® Index



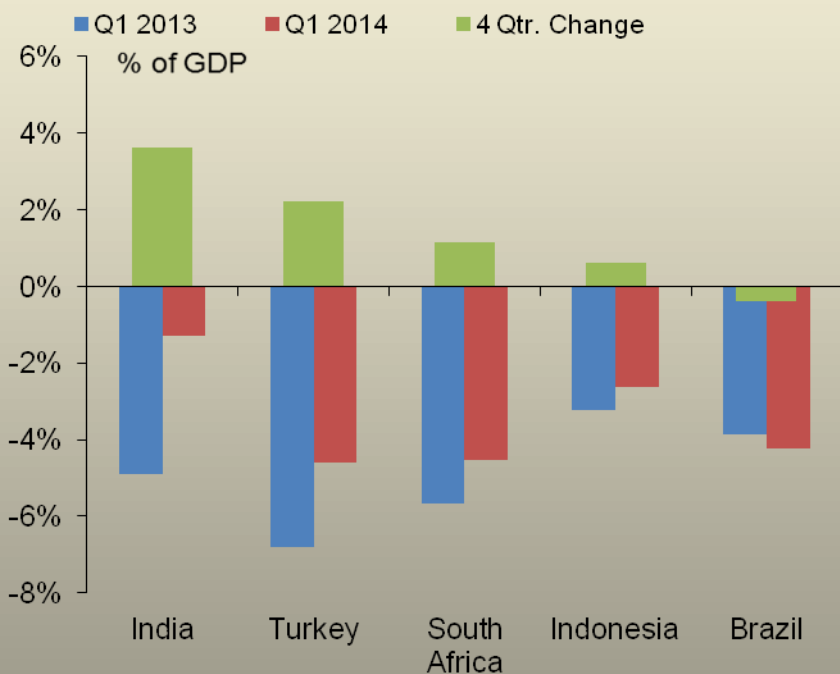
# Volatility, or lack of it, in Context

- Emerging Markets
- Corporate Profitability
- Interest Rates
- Equity Market Valuations

# EMs: Recent Stability but Late-Cycle Challenges Persist

Emerging-market economies have stabilized recently as global financial conditions have eased, current account deficits have shrunk, exchange rate volatility has decreased, and election outcomes have generally been perceived as favorable. Yet, most are still facing stagflationary pressures, weak corporate profitability, and mixed lending and monetary conditions.

## Current Account Balance



## Late-Cycle Dynamics in Emerging Markets

**Persistent Inflationary Pressures**

Many large EM countries remain above their inflation targets

**Weak Profitability**

EM earnings per share contracted over past year

**Tighter Bank Lending Standards**

Bank lending conditions contracted for 4th consecutive quarter in Q1 2014

**Mixed Monetary Policies**

China easing, but some EMs have tightened to counter inflation

Currency Change	India	Turkey	South Africa	Indonesia	Brazil
2013	-11%	-17%	-19%	-21%	-13%
YTD 2014	3%	1%	-1%	1%	7%

# Corporate Profitability Still a Support for Stocks

The slow but steady U.S. expansion provides a stable outlook for corporate revenues. Profit margins remain near historic highs and show little indication of pressure: cyclical productivity continues to rise, input cost inflation is muted, and debt service obligations are extremely low. Against this backdrop, mid-single-digit corporate profit growth appears achievable.

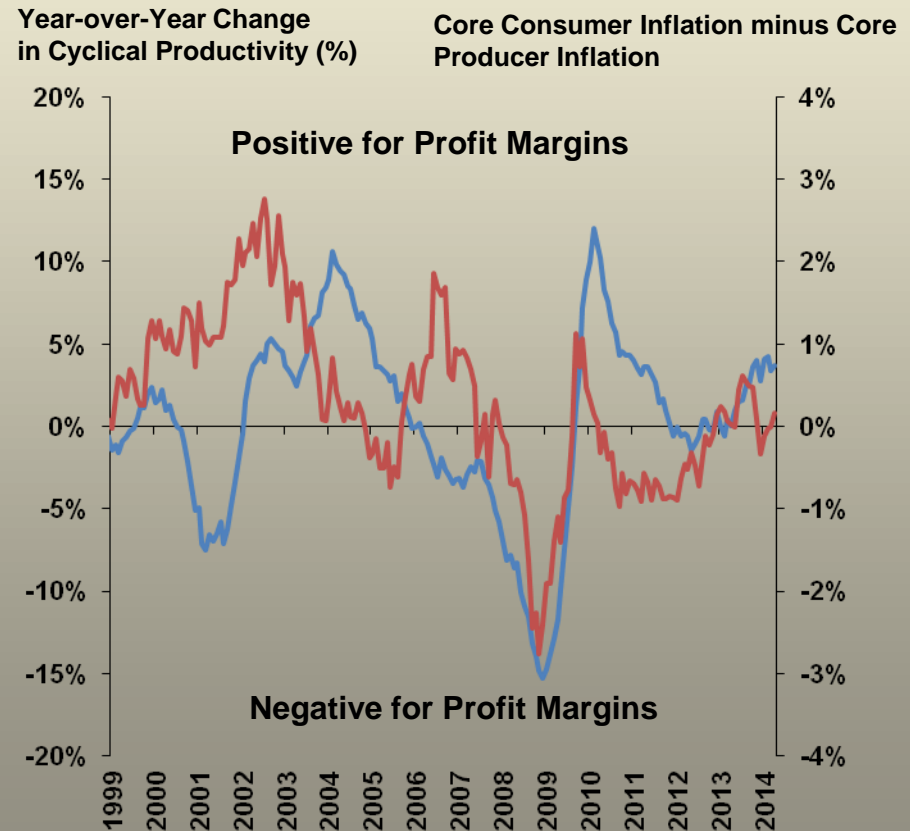
Revenue Stable, Slow Growth	
<b>Nominal GDP Growth</b>	Steady, low-single-digit growth

Profit Margins High and Steady	
<b>Cyclical Productivity</b>	Efficiency gains continue
<b>Input Costs</b>	Input prices contained relative to consumer prices
<b>Debt Service</b>	Low interest expense, Debt maturities extended

Earnings Mid-Single-Digit Growth	
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## Earnings & Cyclical Productivity

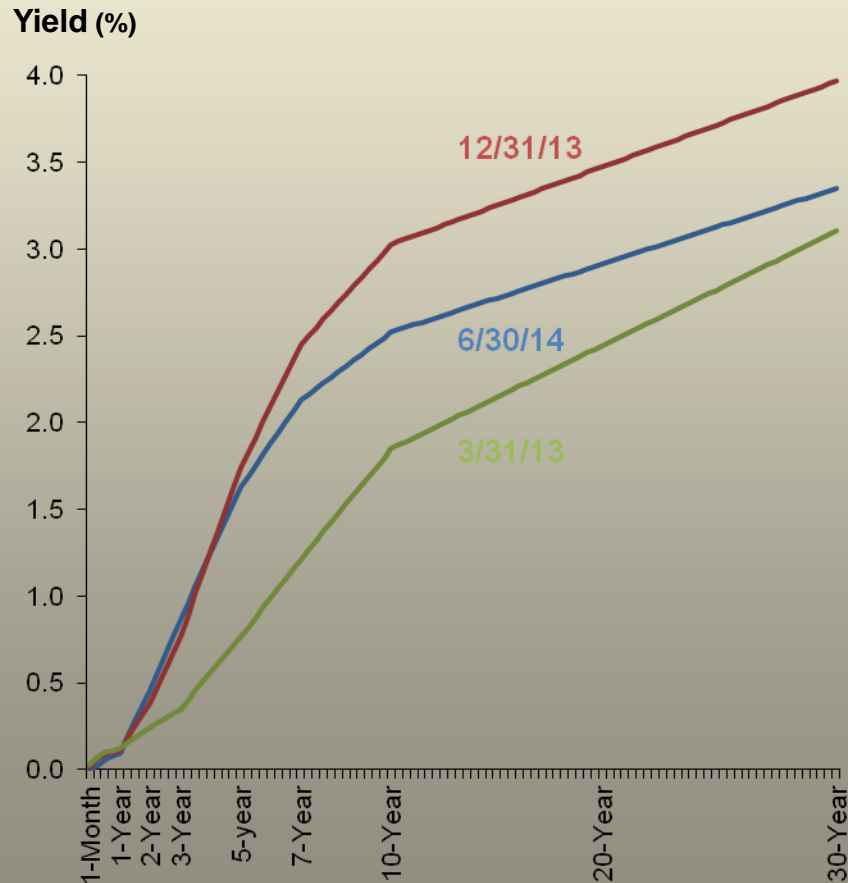
— Cyclical Productivity  
 — Consumer Inflation minus Producer Inflation



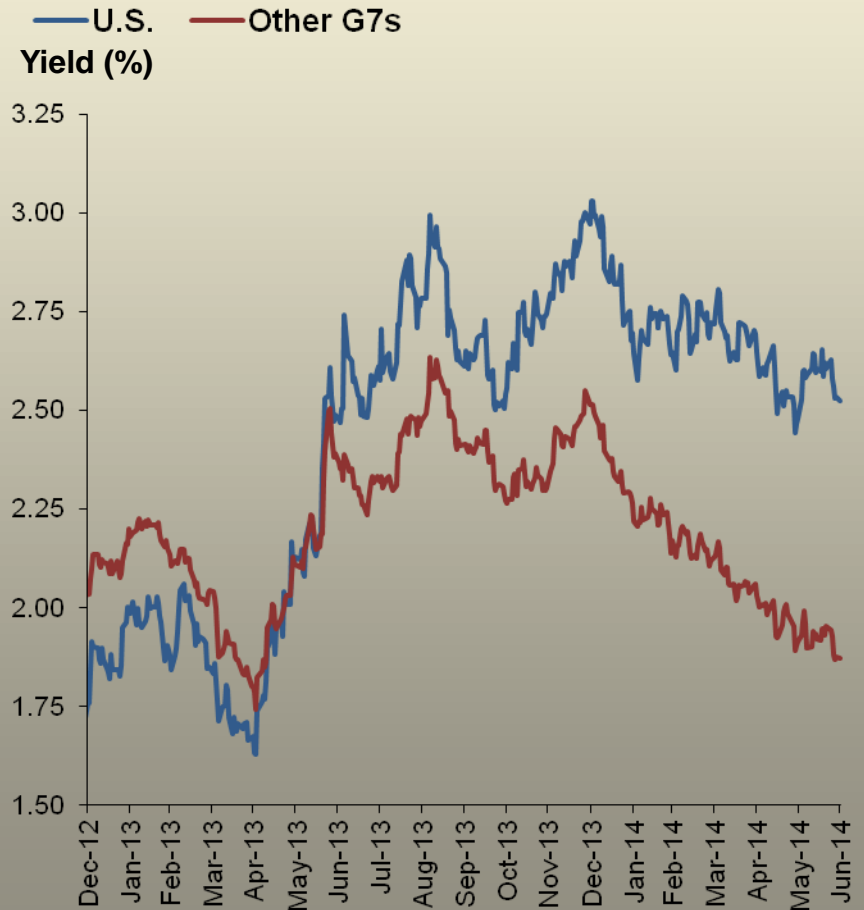
# 2013 Curve Shift, Low Global Yields Keep U.S. Rates Low

The dramatic steepening of the yield curve in 2013 reflected increased investor expectations of the Fed's QE tapering and of stronger U.S. economic growth in 2014. So far this year, yields have come back down as investors interpreted a dovish Fed stance and disappointing economic performance. Low yields globally have supported foreign demand for U.S. bonds.

## U.S. Treasury Yield Curve



## 10-Year Government Bond Yields



# Interest Rates and Equities

## Correlations Between Weekly Stock Returns and Interest Rate Movements

Weekly S&P 500 returns, 10-year Treasury yield, rolling 2-year correlation, May 1963 – Jun. 2014



# P/E Ratios and Short Term Interest Rates

<b>Time Period</b>	<b>S&amp;P 500 P/E Ratio</b>	<b>% of the Time</b>
Average of all periods since 1950	17.8	100%
Average when rates are above 6%	12.0	25%
Average when rates are below 2.5%	21.8	27%

# Adding Value as Your Trusted Advisor

Potential value relative to “average” client experience (in basis points of return)

- **Portfolio construction**

- Suitable asset allocation using broadly diversified mutual funds/ETFs >0
- Cost-effective implementation (expense ratios) 45
- Asset location 0-75
- Total-return versus income investing >0

- **Wealth management**

- Rebalancing 35
- Spending strategy (withdrawal order) 0-70

- **Behavioral coaching**

- Advisor guidance 150

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Potential value added

“About 3%”