

# Q4 2014 MACRO THEMES

## **CONFERENCE CALL**

OCTOBER 2, 2014

## **DISCLAIMER**

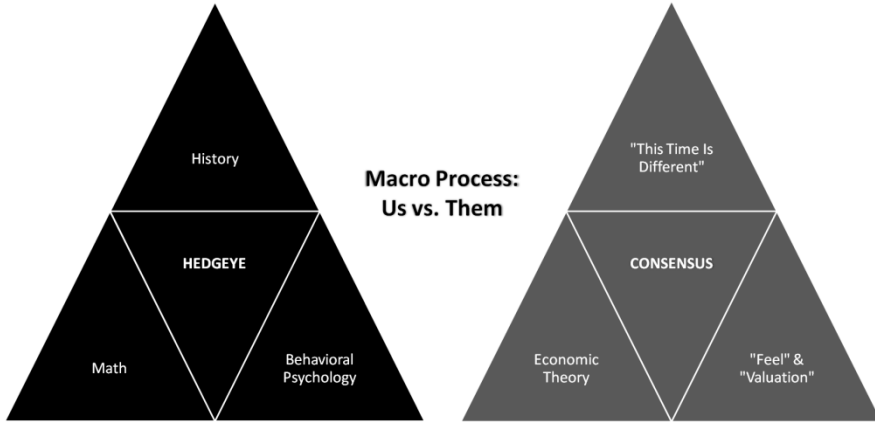
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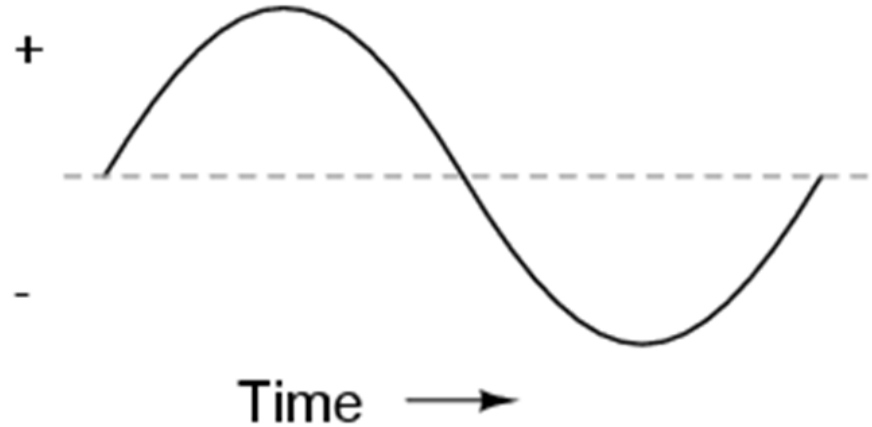
PLEASE SUBMIT QUESTIONS TO  
**QA@HEDGEYE.COM**  
TO BE ANSWERED AT THE END OF THE CALL

# PROCESS SLIDE #1



## DIFFERENTIATED FROM THE HERD

Macroeconomics and Global Macro Risk Management are two very different fields. We specialize in the latter.

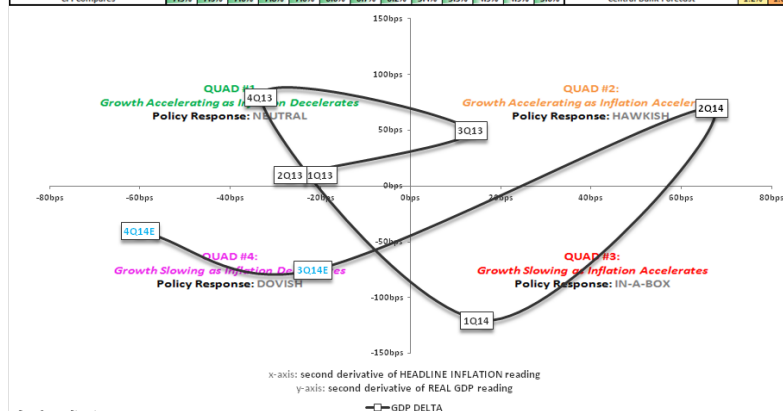


## WE FOCUS ON THE SLOPES

Everything that matters in Global Macro occurs on the margin.

# PROCESS SLIDE #2

| UNITED STATES     | 2011 | 3Q11 | 4Q11 | 1Q12 | 2Q12 | 3Q12 | 4Q12 | 1Q13 | 2Q13 | 3Q13 | 4Q13 | 1Q14  | 2Q14 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| Real GDP QoQ SAAR | 2.9% | 0.8% | 4.6% | 2.3% | 1.6% | 2.5% | 0.1% | 2.7% | 1.8% | 4.5% | 3.5% | -2.1% | 4.6% |
| Real GDP YoY      | 1.7% | 1.2% | 1.7% | 2.6% | 2.3% | 2.7% | 1.6% | 1.7% | 1.8% | 2.3% | 3.1% | 1.9%  | 2.6% |
| 2Y Average        | 2.2% | 2.2% | 2.2% | 2.3% | 2.0% | 2.0% | 1.7% | 2.2% | 2.1% | 2.5% | 2.4% | 1.8%  | 2.2% |
| 3Y Average        | 0.1% | 0.3% | 1.4% | 2.0% | 2.2% | 2.3% | 2.0% | 2.1% | 1.9% | 2.1% | 2.1% | 2.1%  | 2.2% |
| GDP Compares      | 4.0% | 3.7% | 5.3% | 6.9% | 6.5% | 7.0% | 5.3% | 5.9% | 5.8% | 6.9% | 7.6% | 7.0%  |      |
| CPI YoY           | 3.5% | 3.8% | 3.3% | 2.8% | 1.9% | 1.7% | 1.9% | 1.7% | 1.4% | 1.6% | 1.2% | 1.4%  | 2.1% |
| 2Y Average        | 2.6% | 2.5% | 2.3% | 2.5% | 2.7% | 2.7% | 2.6% | 2.3% | 1.7% | 1.6% | 1.6% | 1.6%  | 1.8% |
| 3Y Average        | 1.4% | 1.1% | 2.0% | 2.4% | 2.4% | 2.2% | 2.2% | 2.3% | 2.3% | 2.1% | 2.0% | 1.8%  |      |
| CPI Compares      | 7.5% | 7.3% | 7.6% | 7.8% | 7.0% | 6.6% | 6.7% | 6.2% | 5.4% | 5.5% | 4.9% | 5.6%  |      |



| Hedgeye Macro ETF Strategies, United States GIP Model Backtest          | Average Std % Change by Decade |       |       |       |       |       | Z-score of Average Std % Change by Asset Class |       |       |       |       |       | Percentile Rank by Decade |      |      |      |     |     | Total Quarterly Performance Observations |     |     |     |     |     |
|---|--------------------------------|-------|-------|-------|-------|-------|--|-------|-------|-------|-------|-------|---------------------------|------|------|------|-----|-----|--|-----|-----|-----|-----|-----|
| Underlying Index  | 1                              | 2     | 3     | 4     | 5     | 6     | 1  | 2     | 3     | 4     | 5     | 6     | 1                         | 2    | 3    | 4    | 5   | 6   | 1  | 2   | 3   | 4   | 5   | 6   |
| S&P 500 Index   | 7.1%                           | 3.1%  | 1.2%  | -4.8% | 0.5%  | 0.5%  | 0.2%   | 0.5%  | 0.2%  | 0.5%  | 0.2%  | 0.5%  | 88%                       | 44%  | 58%  | 31%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| S&P 500 Consumer Discretionary Sector Index                             | 6.1%                           | 2.7%  | 0.5%  | -1.5% | -0.4% | -0.4% | 0.1%   | -0.4% | 0.1%  | -0.4% | 0.1%  | -0.4% | 85%                       | 38%  | 47%  | 17%  | 19  | 28  | 21                                       | 13  | 15  | 14  |     |     |
| S&P 500 Consumer Staples Sector Index                                   | 5.8%                           | 4.0%  | 8.0%  | 1.7%  | -1.0% | 0.4%  | -0.5%  | 0.5%  | -0.5% | 0.5%  | -0.5% | 0.5%  | 11%                       | 68%  | 41%  | 91%  | 21  | 33  | 23                                       | 14  |     |     |     |     |
| S&P 500 Energy Sector Index   | 7.1%                           | 2.6%  | 1.4%  | -1.2% | 0.5%  | -0.2% | 0.5%   | -0.2% | 0.5%  | -0.2% | 0.5%  | -0.2% | 47%                       | 41%  | 87%  | 38%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| S&P 500 Financial Services Sector Index                                 | 6.1%                           | 1.7%  | 8.1%  | -4.4% | 0.8%  | -0.7% | 0.5%   | -0.7% | 0.5%  | -0.7% | 0.5%  | -0.7% | 78%                       | 26%  | 96%  | 61%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| S&P 500 Health Care Sector Index  | 5.8%                           | 3.7%  | 1.7%  | 0.1%  | -1.0% | -1.0% | 0.5%   | -1.0% | 0.5%  | -1.0% | 0.5%  | -1.0% | 10%                       | 88%  | 71%  | 37%  | 21  | 33  | 23                                       | 14  |     |     |     |     |
| S&P 500 Industrial Sector Index   | 7.1%                           | 1.7%  | 1.4%  | -1.2% | 0.5%  | 0.5%  | 0.2%   | 0.5%  | 0.2%  | 0.5%  | 0.2%  | 0.5%  | 85%                       | 44%  | 83%  | 32%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| S&P 500 Information Technology Sector Index                             | 6.1%                           | 2.7%  | 2.8%  | -1.7% | 1.1%  | 1.8%  | 1.3%   | -0.4% | 1.3%  | -0.4% | 1.3%  | -0.4% | 91%                       | 80%  | 89%  | 38%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| S&P 500 Materials Sector Index  | 7.1%                           | 3.6%  | 0.4%  | -0.4% | 0.1%  | -0.7% | 0.6%   | 0.1%  | -0.7% | 0.6%  | 0.1%  | -0.7% | 30%                       | 21%  | 37%  | 68%  | 21  | 33  | 23                                       | 14  |     |     |     |     |
| S&P 500 Utilities Sector Index  | 3.1%                           | -1.1% | 1.2%  | 1.1%  | -0.8% | -0.3% | 0.9%   | 0.1%  | -0.9% | 0.1%  | -0.9% | 0.1%  | 1%                        | 95%  | 1%   | 95%  | 1%  | 95% | 1%                                       | 95% | 1%  | 95% | 1%  | 95% |
| Russell 2000 Index  | 8.1%                           | 1.4%  | -1.1% | -1.1% | -0.7% | -0.7% | 0.1%   | -0.7% | 0.1%  | -0.7% | 0.1%  | -0.7% | 91%                       | 10%  | 39%  | 21   | 33  | 25  | 14                                       |     |     |     |     |     |
| MSCI Emerging Markets Index   | 7.1%                           | 6.6%  | 1.0%  | -1.2% | 0.2%  | 0.2%  | 0.8%   | 1.8%  | 0.1%  | 1.8%  | 0.1%  | 1.8%  | 88%                       | 0%   | 88%  | 0%   | 88% | 0%  | 88%                                      | 0%  | 88% | 0%  | 88% | 0%  |
| MSCI EAFE Index   | 7.1%                           | 1.7%  | -0.1% | -0.8% | 0.2%  | 0.2%  | 0.2%   | 0.2%  | 0.2%  | 0.2%  | 0.2%  | 0.2%  | 13%                       | 44%  | 13%  | 44%  | 13  | 44  | 13                                       | 44  |     |     |     |     |
| Barclays Aggregate US Bond Index  | -0.1%                          | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1%  | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 62%                       | 84%  | 21%  | 84%  | 5   | 15  | 6  | 15  | 6   | 15  | 6   |     |
| JPMorgan EM USD Bond Index  | -1.1%                          | 1.1%  | 1.1%  | 1.1%  | 0.5%  | 0.5%  | 0.5%   | 0.5%  | 0.5%  | 0.5%  | 0.5%  | 0.5%  | 82%                       | 14%  | 82%  | 14%  | 82% | 14% | 82%                                      | 14% | 82% | 14% | 82% | 14% |
| Fidelity - RBC Active US Corporate Bond Index Average Yield to Maturity | -2.6%                          | 0.6%  | 4.3%  | -4.6% | -0.4% | 0.4%  | 0.4%   | -0.4% | 0.4%  | -0.4% | 0.4%  | -0.4% | 24%                       | 61%  | 79%  | 12%  | 13  | 6   | 18                                       | 8   |     |     |     |     |
| Fidelity - RBC Active US Corporate Bond Index Average Yield to Maturity | -4.4%                          | -4.1% | -4.1% | -4.1% | -4.1% | -4.1% | -4.1%  | -4.1% | -4.1% | -4.1% | -4.1% | -4.1% | 8%                        | 85%  | 8%   | 85%  | 15  | 6   | 18                                       | 8   |     |     |     |     |
| US Corporate BBB/BBB+ USF 30Y Yield Spread                              | -1.8%                          | 8.7%  | 1.5%  | 4.4%  | -1.0% | -1.8% | 0.3%   | 2.3%  | 1.2%  | 0%    | 88%   | 100%  | 13                        | 6    | 17   | 8    |     |     |  |     |     |     |     |     |
| US Treasury 3Y Yield  | 2.8%                           | 6.7%  | 1.8%  | -0.4% | 1.2%  | 0.3%  | 0.3%   | 0.3%  | 0.3%  | 0.3%  | 0.3%  | 0.3%  | 84%                       | 45%  | 14%  | 45%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| US Treasury 10Y Yield   | 3.1%                           | 1.0%  | -0.4% | -1.1% | 1.1%  | 0.8%  | -1.0%  | -1.1% | 0.8%  | -1.0% | -1.1% | 0.8%  | 88%                       | 79%  | 14%  | 14%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| US Treasury 30Y Yield   | 1.1%                           | 1.0%  | -1.7% | -1.7% | 0.6%  | 0.6%  | -1.3%  | -0.2% | 0.6%  | -1.3% | -0.2% | 0.6%  | 78%                       | 6%   | 47%  | 21   | 33  | 25  | 14                                       |     |     |     |     |     |
| Bond Buyer US 30 Month Spot Bond YTM                                    | 0.5%                           | 0.5%  | 6.6%  | 1.7%  | 0.2%  | 0.2%  | 0.2%   | 0.2%  | 0.2%  | 0.2%  | 0.2%  | 0.2%  | 42%                       | 72%  | 22%  | 10%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| Hudson Securities/Services CDS Credit Default Index                     | 2.7%                           | 1.6%  | 2.0%  | -0.4% | 0.0%  | 0.0%  | -0.7%  | 0.4%  | -0.7% | 0.4%  | -0.7% | 0.4%  | 44%                       | 47%  | 62%  | 12%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| Commodity Research Bureau RUS/US Spot Raw Materials Index               | 2.2%                           | 2.5%  | 8.1%  | -4.8% | -1.1% | -1.1% | -1.1%  | -1.1% | -1.1% | -1.1% | -1.1% | -1.1% | 12%                       | 18%  | 79%  | 21   | 33  | 25  | 14                                       |     |     |     |     |     |
| Commodity Research Bureau RUS/US Spot Commodity Index                   | -0.1%                          | 0.1%  | 1.1%  | -0.1% | -0.1% | -0.1% | -0.1%  | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 8%                        | 88%  | 52%  | 7%   | 21  | 33  | 25                                       | 14  |     |     |     |     |
| Four month Brent Crude Oil  | 2.4%                           | 7.7%  | 0.6%  | -0.8% | 3.3%  | 1.7%  | 1.3%   | 1.7%  | 1.3%  | 1.7%  | 1.3%  | 1.7%  | 97%                       | 96%  | 9%   | 21   | 33  | 23  | 14                                       |     |     |     |     |     |
| Gold Spot   | 2.4%                           | 2.2%  | 1.7%  | -0.1% | 0.1%  | -0.6% | -0.6%  | -0.6% | -0.6% | -0.6% | -0.6% | -0.6% | 19%                       | 29%  | 44%  | 88%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| US Dollar Index   | -0.1%                          | 0.1%  | -0.1% | 0.1%  | -0.1% | -0.1% | -0.1%  | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 92%                       | 79%  | 92%  | 79%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| AUD/USD   | 2.1%                           | 0.1%  | -0.1% | 0.1%  | 0.1%  | 0.1%  | 0.1%   | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 100%                      | 62%  | 10%  | 62%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| EUR/USD   | 1.1%                           | 1.1%  | 0.4%  | -0.2% | 0.3%  | 1.2%  | 0.1%   | -1.2% | 0.1%  | -1.2% | 0.1%  | -1.2% | 88%                       | 13%  | 88%  | 13%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| JPY/USD   | -0.1%                          | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1%  | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 100%                      | 100% | 100% | 100% | 21  | 33  | 25                                       | 14  |     |     |     |     |
| EUR/JPY   | 0.1%                           | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%   | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 91%                       | 8%   | 91%  | 8%   | 21  | 33  | 25                                       | 14  |     |     |     |     |
| GBP/USD   | 0.1%                           | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%   | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 0.1%  | 91%                       | 8%   | 91%  | 8%   | 21  | 33  | 25                                       | 14  |     |     |     |     |
| JPY/GBP   | -0.1%                          | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | -0.1%  | -0.1% | -0.1% | -0.1% | -0.1% | -0.1% | 8%                        | 9%   | 79%  | 47%  | 21  | 33  | 25                                       | 14  |     |     |     |     |
| JP Morgan EM FX Index   | 1.7%                           | 0.1%  | -0.1% | -0.1% | 0.6%  | -0.5% | -0.5%  | -0.5% | -0.5% | -0.5% | -0.5% | -0.5% | 12%                       | 20%  | 0%   | 15   | 6   | 18  | 8  |     |     |     |     |     |

Source: Bloomberg with Hedgeye research. Testing 10 years. Hedgeye Risk Management © 2014

## OUR FUNDAMENTAL PROCESS

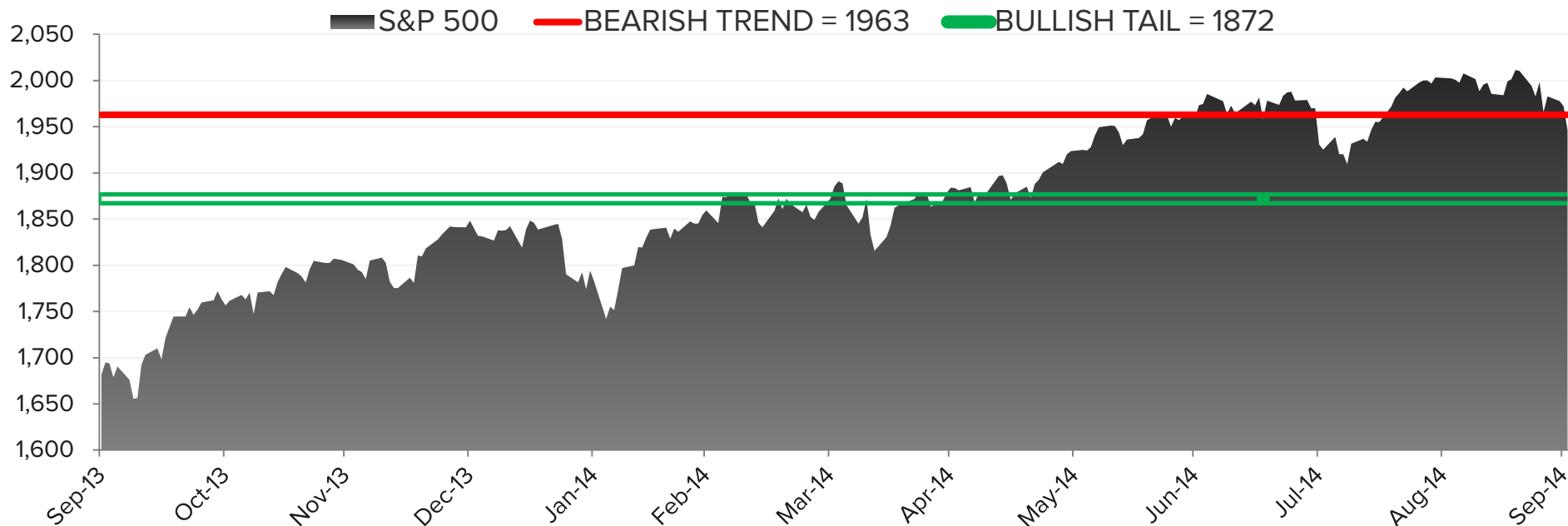
If you get the slopes of both growth and inflation right, you'll tend to get a lot of other things right – particularly in your P&L.

## HISTORY MATTERS → BACKTEST

Analyzing intermediate-term trends within the context of long-term economic and political cycles helps us consistently front-run major asset class turns.

# PROCESS SLIDE #3

## HEDGEYE QUANTITATIVE SETUP: US EQUITIES



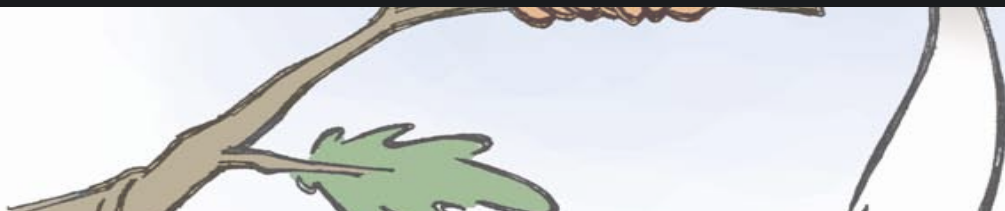
## ALL BACKSTOPPED BY A PROVEN QUANTITATIVE OVERLAY

**Multi-factor:** Price, Volume and Volatility

**Multi-duration:** TRADE (3 weeks or less), TREND (3 months or more) and TAIL (3 years or less)

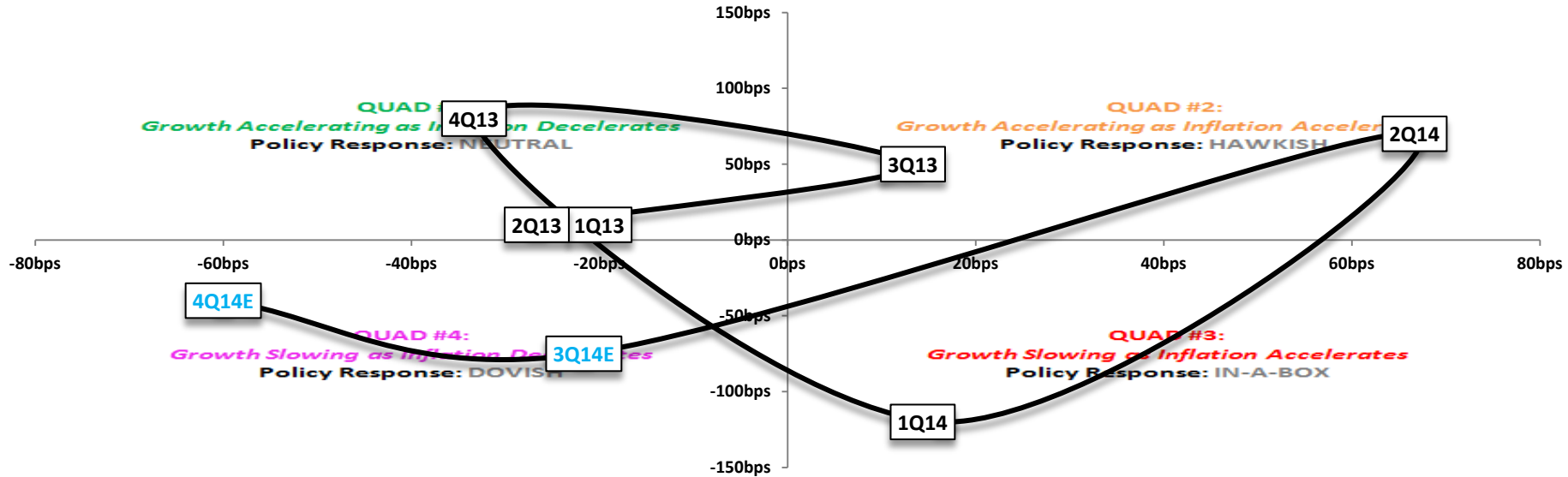


**#QUAD4**



# WELCOME TO THE FOURTH QUADRANT

| UNITED STATES     | 2Q11 | 3Q11 | 4Q11 | 1Q12 | 2Q12 | 3Q12 | 4Q12 | 1Q13 | 2Q13 | 3Q13 | 4Q13 | 1Q14  | 2Q14 | Hedgeye Macro GIP Model               |  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|-------|------|---------------------------------------|--|
| Real GDP QoQ SAAR | 2.9% | 0.8% | 4.6% | 2.3% | 1.6% | 2.5% | 0.1% | 2.7% | 1.8% | 4.5% | 3.5% | -2.1% | 4.6% | GIP = Growth/Inflation/Policy         |  |
| Real GDP YoY      | 1.7% | 1.2% | 1.7% | 2.6% | 2.3% | 2.7% | 1.6% | 1.7% | 1.8% | 2.3% | 3.1% | 1.9%  | 2.6% | Full-year Estimates                   |  |
| 2Y Average        | 2.2% | 2.2% | 2.2% | 2.3% | 2.0% | 2.0% | 1.7% | 2.2% | 2.1% | 2.5% | 2.4% | 1.8%  | 2.2% | Hedgeye Predictive Tracking Algorithm |  |
| 3Y Average        | 0.1% | 0.3% | 1.4% | 2.0% | 2.2% | 2.3% | 2.0% | 2.1% | 1.9% | 2.1% | 2.1% | 2.1%  | 2.2% | Bloomberg Consensus Estimate          |  |
| GDP Compares      | 4.0% | 3.7% | 5.3% | 6.9% | 6.5% | 7.0% | 5.3% | 5.9% | 5.8% | 6.9% | 7.6% | 5.8%  | 7.0% | Central Bank Forecast                 |  |
| CPI YoY           | 3.5% | 3.8% | 3.3% | 2.8% | 1.9% | 1.7% | 1.9% | 1.7% | 1.4% | 1.6% | 1.2% | 1.4%  | 2.1% | Full-year Estimates                   |  |
| 2Y Average        | 2.6% | 2.5% | 2.3% | 2.5% | 2.7% | 2.7% | 2.6% | 2.3% | 1.7% | 1.6% | 1.6% | 1.6%  | 1.8% | Hedgeye Predictive Tracking Algorithm |  |
| 3Y Average        | 1.4% | 1.1% | 2.0% | 2.4% | 2.4% | 2.2% | 2.2% | 2.2% | 2.3% | 2.3% | 2.1% | 2.0%  | 1.8% | Bloomberg Consensus Estimate          |  |
| CPI Compares      | 7.5% | 7.3% | 7.6% | 7.8% | 7.0% | 6.6% | 6.7% | 6.2% | 5.4% | 5.5% | 4.9% | 4.9%  | 5.6% | Central Bank Forecast                 |  |



x-axis: second derivative of HEADLINE INFLATION reading  
y-axis: second derivative of REAL GDP reading



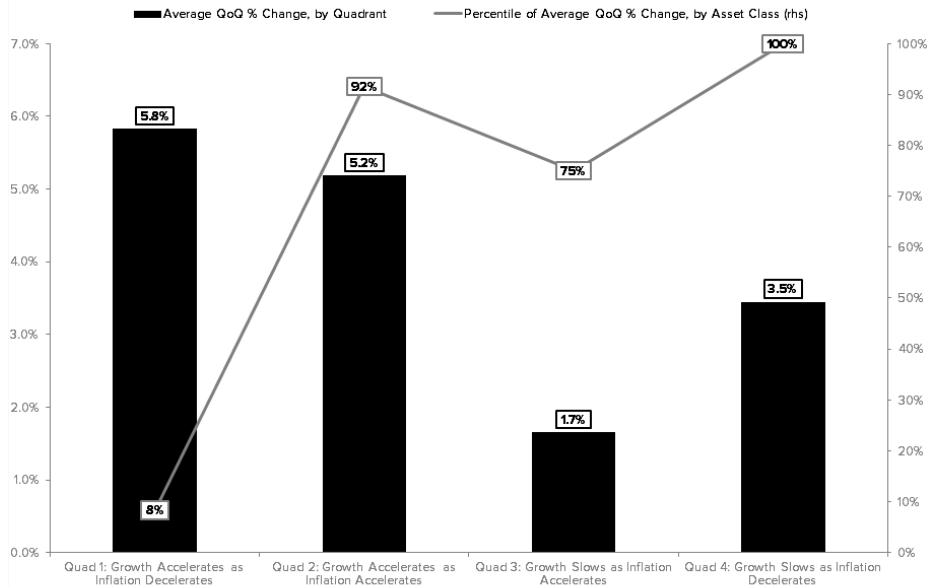
# QUAD 4 IS BEARISH FOR ASSET PRICES

| Hedgeye Macro ETF Strategy, United States GIP Model Backtest                    | Average QoQ % Change, by Quadrant |       |       |       | Z-Score of Average QoQ % Change, by Asset Class |       |       |       | Percentile Basis, by Asset Class |      |      |      | Total Quarterly Performance Observations |    |    |    |
|---|-----------------------------------|-------|-------|-------|---|-------|-------|-------|----------------------------------|------|------|------|--|----|----|----|
| Underlying Index  | 1                                 | 2     | 3     | 4     | 1   | 2     | 3     | 4     | 1                                | 2    | 3    | 4    | 1  | 2  | 3  | 4  |
| S&P 500 Index   | 7.2%                              | 3.1%  | 1.2%  | -0.8% | 0.0x  | 0.0x  | 0.0x  | 0.0x  | 25%                              | 50%  | 58%  | 50%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Consumer Discretionary Sector Index                                     | 8.7%                              | 2.2%  | 0.8%  | -0.5% | 1.0x  | -0.4x | -0.3x | 0.1x  | 92%                              | 33%  | 42%  | 58%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Consumer Staples Sector Index   | 5.8%                              | 4.0%  | 0.5%  | 2.7%  | -1.0x   | 0.4x  | -0.5x | 1.5x  | 17%                              | 75%  | 33%  | 92%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Energy Sector Index   | 7.3%                              | 2.6%  | 3.4%  | -2.0% | 0.0x  | -0.2x | 1.7x  | -0.6x | 33%                              | 42%  | 100% | 8%   | 21                                       | 13 | 25 | 14 |
| S&P 500 Financials Sector Index   | 8.3%                              | 1.7%  | 0.5%  | -0.4% | 0.8x  | -0.7x | -0.5x | 0.1x  | 83%                              | 25%  | 25%  | 67%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Health Care Sector Index  | 5.8%                              | 5.2%  | 1.7%  | 3.5%  | -1.0x   | 1.0x  | 0.3x  | 1.9x  | 8%                               | 92%  | 75%  | 100% | 21                                       | 13 | 25 | 14 |
| S&P 500 Industrials Sector Index  | 7.7%                              | 3.7%  | 1.4%  | -1.3% | 0.3x  | 0.3x  | 0.1x  | -0.2x | 67%                              | 67%  | 67%  | 33%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Information Technology Sector Index                                     | 8.8%                              | 7.1%  | 2.8%  | -1.7% | 1.1x  | 1.9x  | 1.2x  | -0.4x | 100%                             | 100% | 83%  | 17%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Materials Sector Index  | 7.3%                              | 1.6%  | 0.4%  | -0.4% | 0.1x  | -0.7x | -0.6x | 0.1x  | 42%                              | 8%   | 17%  | 75%  | 21                                       | 13 | 25 | 14 |
| S&P 500 Utilities Sector Index  | 3.5%                              | -1.1% | 3.2%  | 0.3%  | -2.6x   | -2.1x | 1.5x  | 0.5x  | 0%                               | 0%   | 92%  | 83%  | 21                                       | 13 | 25 | 14 |
| Russell 2000 Index  | 8.2%                              | 3.4%  | 1.1%  | -1.5% | 0.7x  | 0.2x  | -0.1x | -0.4x | 75%                              | 58%  | 50%  | 25%  | 21                                       | 13 | 25 | 14 |
| MSCI Emerging Markets Index   | 7.5%                              | 5.0%  | -1.2% | -1.2% | 0.2x  | 0.9x  | -1.8x | -0.2x | 58%                              | 83%  | 0%   | 42%  | 21                                       | 13 | 25 | 14 |
| MSCI REIT Index   | 7.5%                              | 1.7%  | -0.3% | -5.8% | 0.2x  | -0.7x | -1.1x | -2.3x | 50%                              | 17%  | 8%   | 0%   | 12                                       | 5  | 13 | 6  |
| Barclays Aggregate US Bond Index  | 0.0%                              | -0.1% | -0.3% | 1.2%  | 0.3x  | 0.2x  | -0.9x | 1.0x  | 50%                              | 25%  | 38%  | 88%  | 14                                       | 5  | 15 | 8  |
| JPMorgan EM USD Bond Index  | 1.9%                              | 1.1%  | -1.1% | 1.2%  | 0.9x  | 0.5x  | -1.3x | 0.9x  | 75%                              | 75%  | 0%   | 75%  | 9  | 4  | 9  | 4  |
| FINRA - BLP Active Investment Grade US Corporate Bond Average Yield to Maturity | -2.6%                             | 0.6%  | 4.5%  | -6.8% | -0.6x   | 0.4x  | 0.9x  | -0.9x | 25%                              | 50%  | 75%  | 0%   | 15                                       | 6  | 16 | 8  |
| FINRA - BLP Active HY US Corporate Bond Index Average Yield to Maturity         | -4.4%                             | -4.1% | 4.5%  | -3.9% | -1.2x   | -0.8x | 0.9x  | -0.2x | 0%                               | 13%  | 88%  | 38%  | 15                                       | 6  | 16 | 8  |
| US Corporate BBB/Baa UST 10Y Yield Spread                                       | -3.8%                             | -8.2% | 5.5%  | 6.6%  | -1.0x   | -1.9x | 1.3x  | 2.2x  | 13%                              | 0%   | 100% | 100% | 15                                       | 6  | 17 | 8  |
| US Treasury 2Y Yield  | 2.6%                              | 0.3%  | 1.8%  | -4.9% | 1.2x  | 0.3x  | -0.2x | -0.4x | 100%                             | 38%  | 63%  | 25%  | 21                                       | 13 | 25 | 14 |
| US Treasury 10Y Yield   | 2.3%                              | 1.9%  | -0.4% | -5.1% | 1.1x  | 0.8x  | -1.0x | -0.5x | 88%                              | 100% | 25%  | 13%  | 21                                       | 13 | 25 | 14 |
| US Treasury 30Y Yield   | 1.0%                              | 1.9%  | -1.1% | -3.7% | 0.6x  | 0.8x  | -1.3x | -0.2x | 63%                              | 88%  | 13%  | 50%  | 21                                       | 13 | 25 | 14 |
| Bond Buyer US 40 Municipal Bond YTM   | -0.7%                             | 0.8%  | 0.6%  | -2.7% | 0.0x  | 0.5x  | -0.6x | 0.0x  | 38%                              | 63%  | 50%  | 63%  | 21                                       | 13 | 25 | 14 |
| Thomson Reuters/Jeffries CRB Commodity Index                                    | 2.2%                              | 3.6%  | 2.6%  | -4.4% | 0.0x  | 0.0x  | 0.0x  | -0.7x | 50%                              | 75%  | 75%  | 25%  | 21                                       | 13 | 25 | 14 |
| Commodity Research Bureau BLS/US Spot Raw Industrials Index                     | 2.0%                              | 2.9%  | 0.1%  | -0.8% | -0.1x   | -0.3x | -1.1x | 0.8x  | 25%                              | 50%  | 0%   | 75%  | 21                                       | 13 | 25 | 14 |
| Commodity Research Bureau BLS/US Spot Foodstuff Index                           | 0.7%                              | 2.0%  | 2.1%  | -2.3% | -1.5x   | -0.7x | -0.2x | 0.2x  | 0%                               | 0%   | 50%  | 50%  | 21                                       | 13 | 25 | 14 |
| Front-month Brent Crude Oil   | 3.4%                              | 7.3%  | 6.0%  | -5.8% | 1.3x  | 1.7x  | 1.6x  | -1.3x | 100%                             | 100% | 100% | 0%   | 21                                       | 13 | 25 | 14 |
| Gold Spot   | 2.4%                              | 2.2%  | 1.7%  | -0.1% | 0.3x  | -0.6x | -0.4x | 1.1x  | 75%                              | 25%  | 25%  | 100% | 21                                       | 13 | 25 | 14 |
| US Dollar Index   | -0.3%                             | 0.3%  | -0.2% | 0.8%  | -1.1x   | 0.1x  | -0.6x | 1.8x  | 14%                              | 57%  | 43%  | 100% | 21                                       | 13 | 25 | 14 |
| AUD/USD   | 2.3%                              | 0.9%  | -0.5% | -0.3% | 1.8x  | 0.9x  | -1.0x | 0.1x  | 100%                             | 71%  | 0%   | 71%  | 21                                       | 13 | 25 | 14 |
| CAD/USD   | 1.1%                              | 1.2%  | 0.4%  | -1.2% | 0.5x  | 1.2x  | 0.3x  | -1.2x | 71%                              | 86%  | 57%  | 14%  | 21                                       | 13 | 25 | 14 |
| CHF/USD   | 0.5%                              | -0.6% | 1.4%  | 0.0%  | -0.2x   | -0.9x | 1.8x  | 0.7x  | 43%                              | 29%  | 100% | 86%  | 21                                       | 13 | 25 | 14 |
| EUR/USD   | 0.6%                              | -0.7% | 0.5%  | -0.5% | -0.1x   | -1.1x | 0.5x  | -0.1x | 57%                              | 0%   | 71%  | 57%  | 21                                       | 13 | 25 | 14 |
| GBP/USD   | 0.4%                              | 1.3%  | -0.5% | -0.5% | -0.2x   | 1.3x  | -0.9x | -0.1x | 29%                              | 100% | 14%  | 29%  | 21                                       | 13 | 25 | 14 |
| JPY/USD   | -0.5%                             | -0.6% | 0.7%  | -0.5% | -1.3x   | -0.9x | 0.8x  | -0.1x | 0%                               | 14%  | 86%  | 43%  | 21                                       | 13 | 25 | 14 |
| JPMorgan EM FX Index  | 1.2%                              | -0.2% | -0.4% | -1.3% | 0.6x  | -0.5x | -0.8x | -1.3x | 86%                              | 43%  | 29%  | 0%   | 16                                       | 8  | 18 | 11 |

Source: Bloomberg data; Hedgeye calculations. Trailing 20 years. Hedgeye Risk Management © 2014

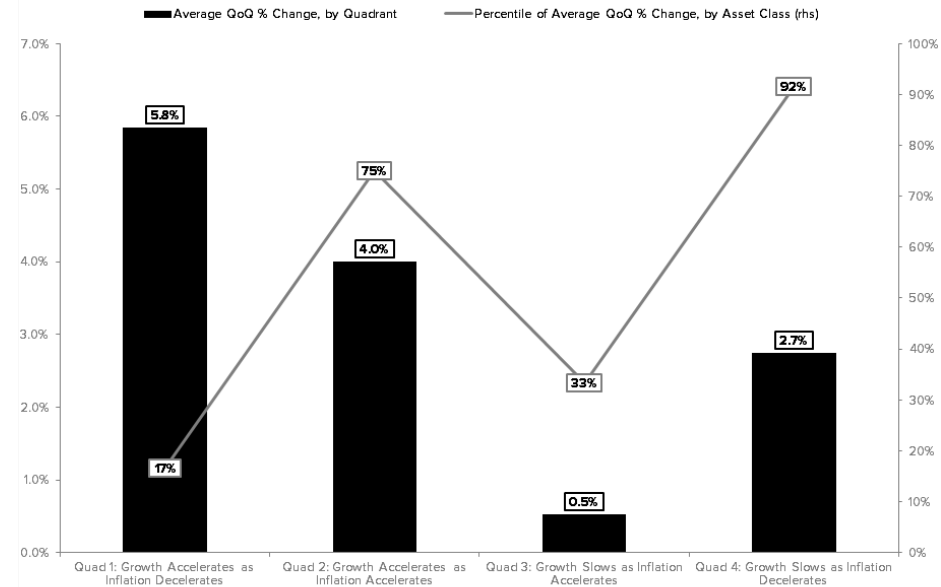
# EXCEPT HEALTHCARE AND STAPLES...

## S&P 500 Health Care Sector Index



Data Source: Bloomberg. Asset classes include equities, fixed income, currencies and commodities. Trailing 20Y.

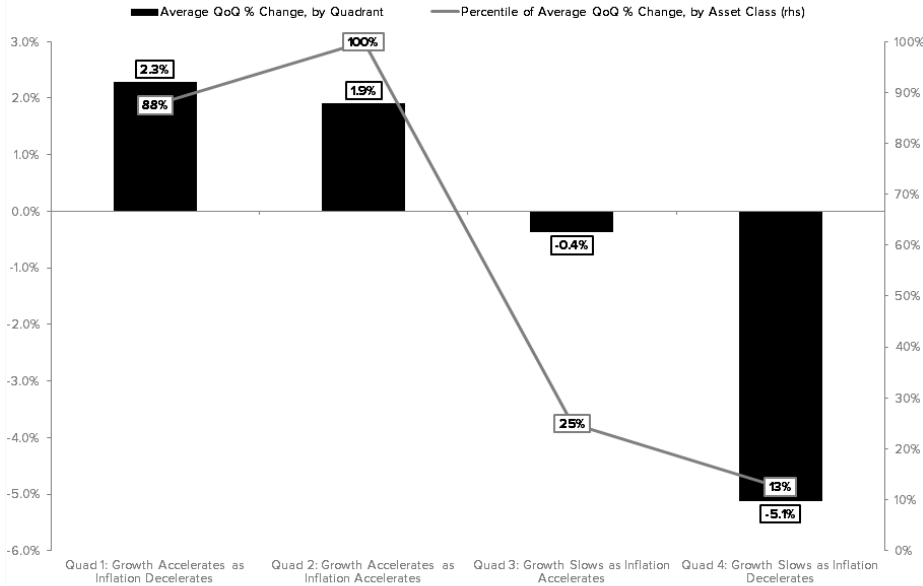
## S&P 500 Consumer Staples Sector Index



Data Source: Bloomberg. Asset classes include equities, fixed income, currencies and commodities. Trailing 20Y.

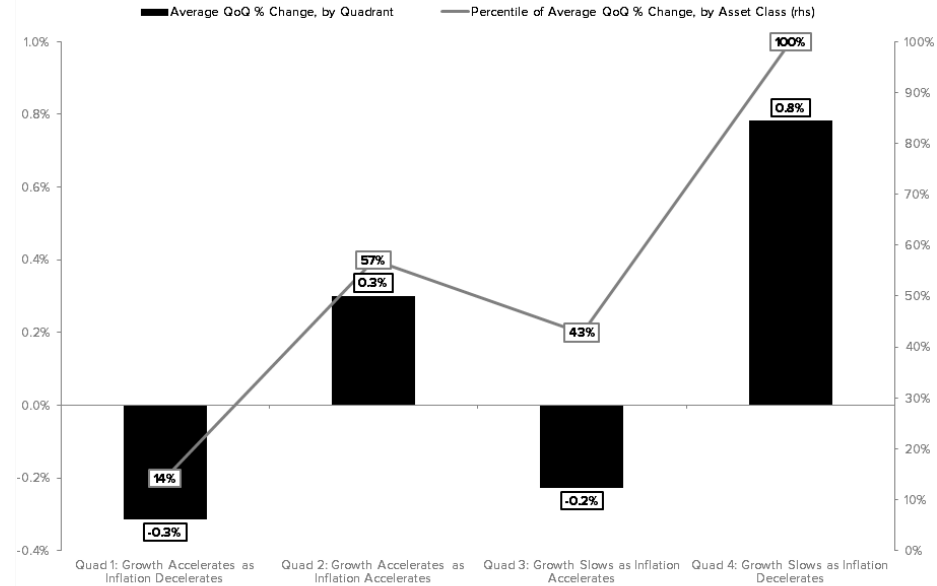
# TREASURIES, MUNIS AND THE DOLLAR

## US Treasury 10Y Yield



Data Source: Bloomberg. Asset classes include equities, fixed income, currencies and commodities. Trailing 20Y.

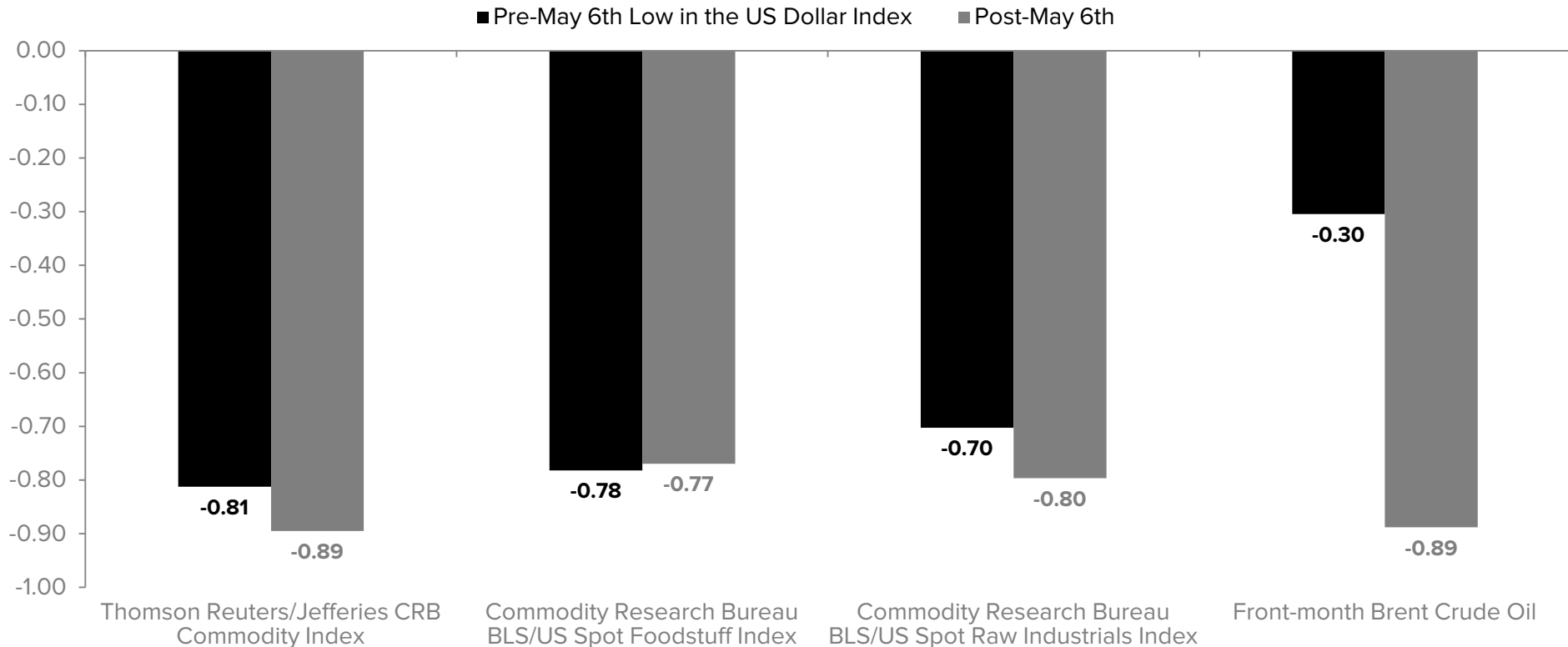
## US Dollar Index



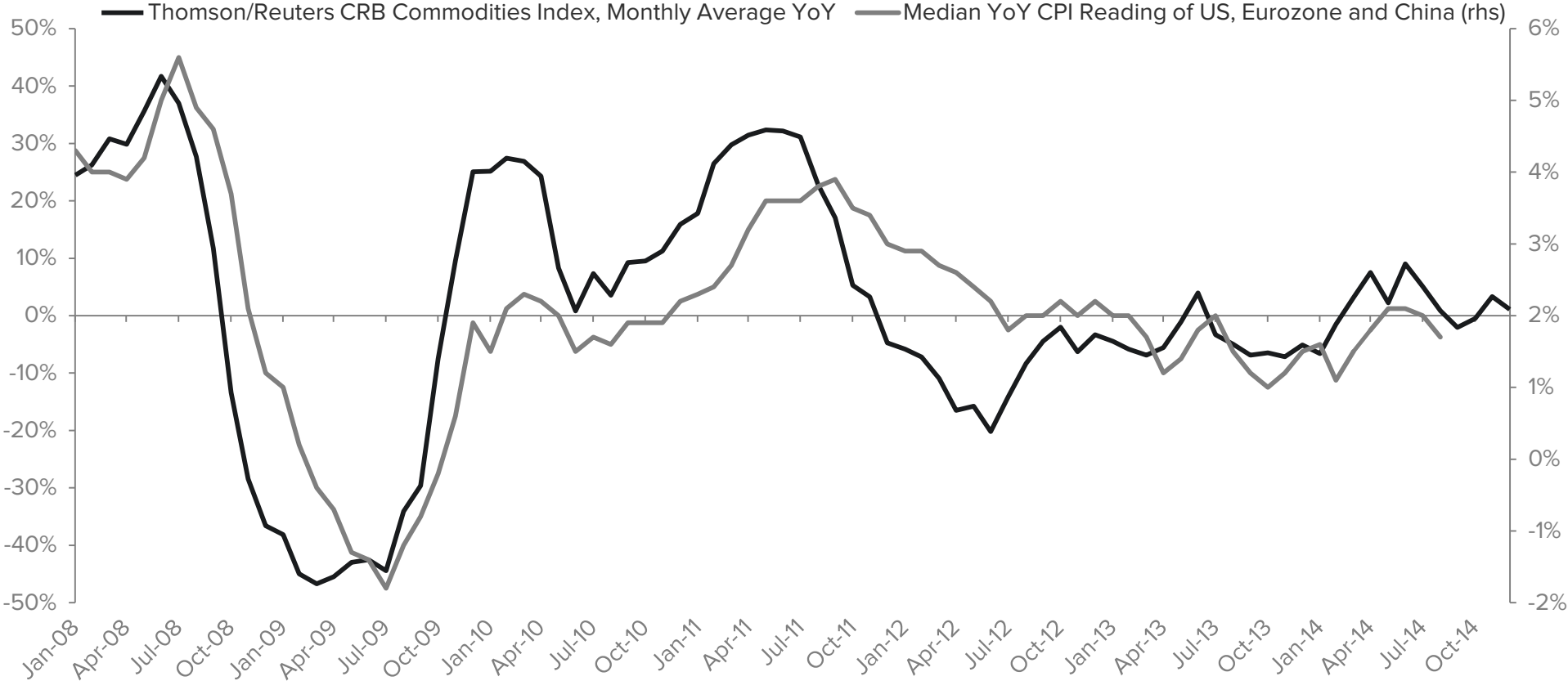
Data Source: Bloomberg. Asset classes include equities, fixed income, currencies and commodities. Trailing 20Y.

# #STRONGDOLLAR IS CRUSHING COMMODITIES

## INVERSE CORRELATIONS ARE TIGHTENING IN THE YTD

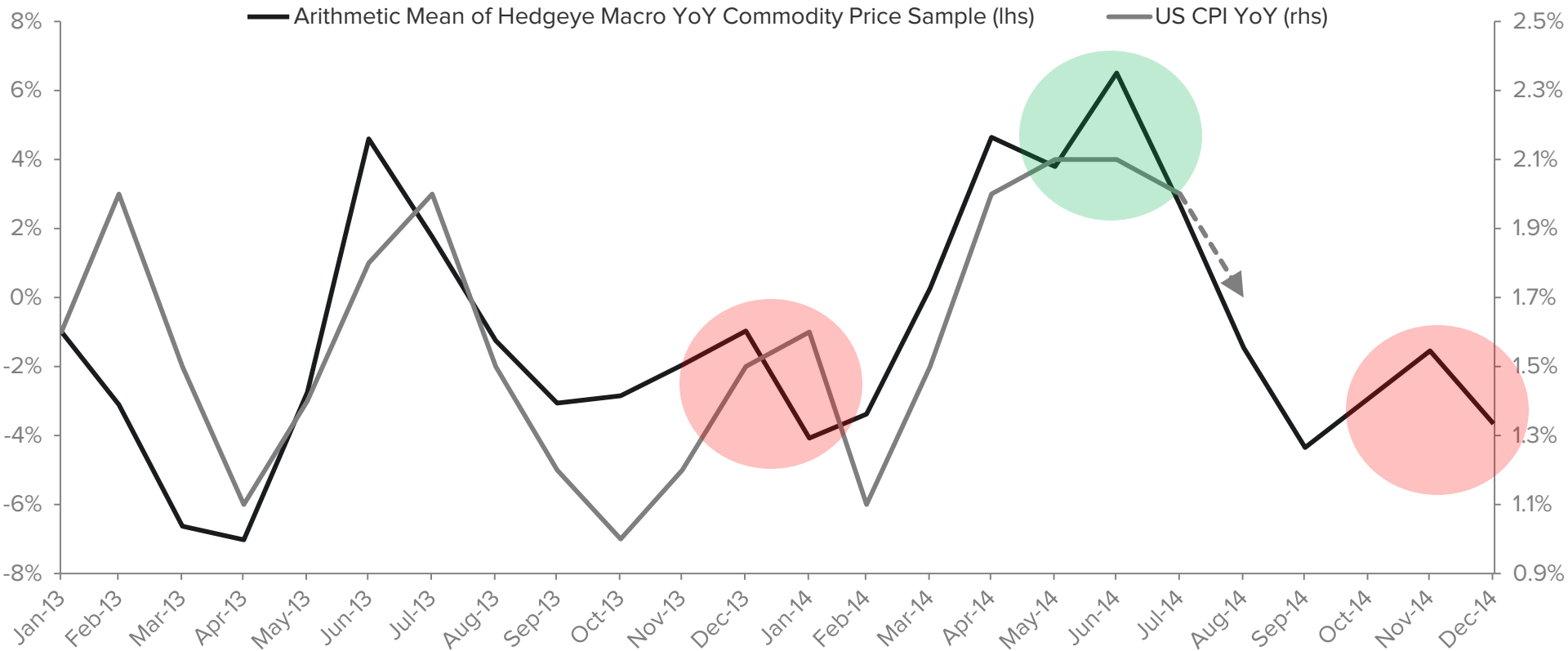


# COMMODITY PRICES MATTER TO CPI



Forecasts assume no change to current price.

# RIGHT BACK TO WHERE WE STARTED

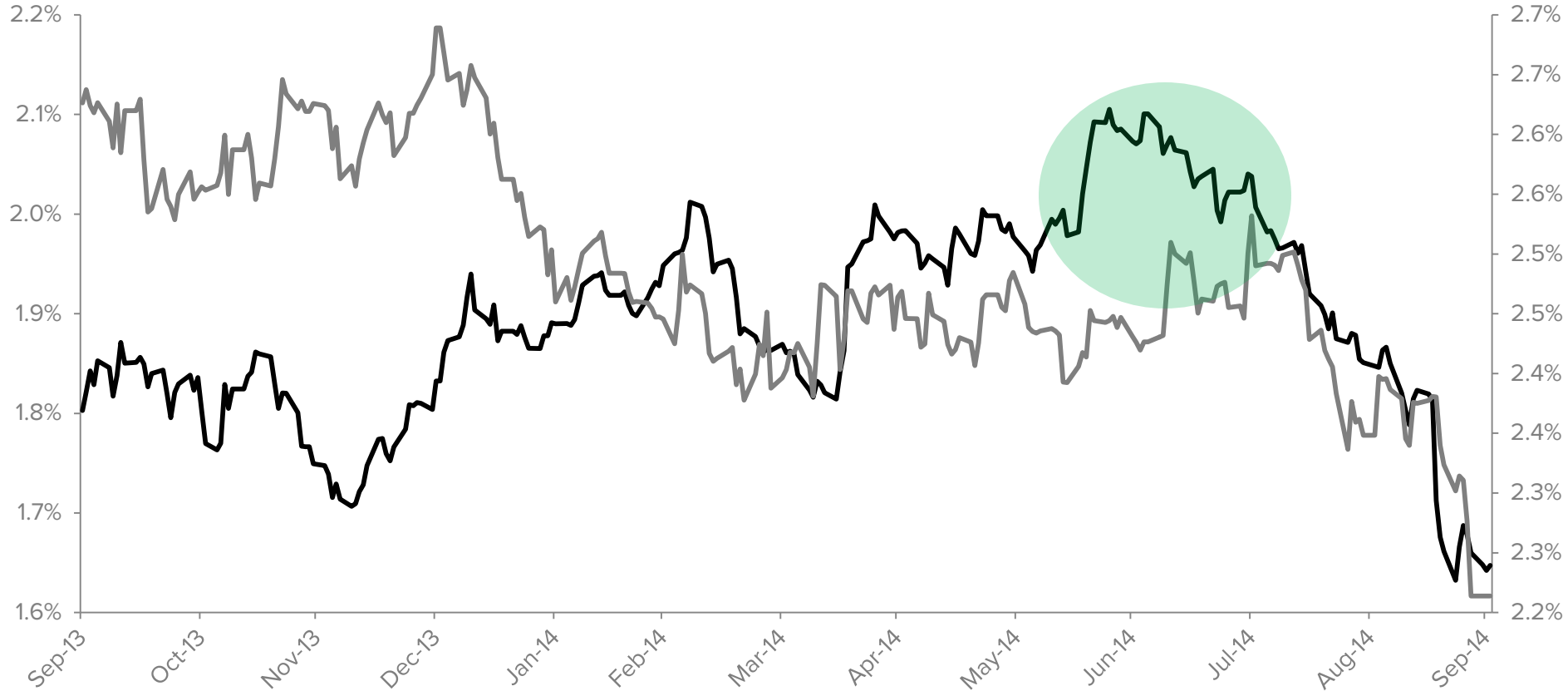


The Hedgeye Macro commodity price sample includes the CRB Index, CRB Raw Industrials Index, Brent Crude Oil and the UN Food and Agriculture Price Index. YoY deltas are calculated from monthly averages. Forward estimates assume no change in current prices.

# INFLATION EXPECTATIONS: CRASHING

— TIPS 5Y Breakeven Rate = 1.6473%

— Fed 5Y-5Y Forward Breakeven Rate = 2.21% (rhs)



# THE 2Q BOUNCE CAME AND WENT

THIS TABLE WAS COMPLETELY GREEN ~2 MONTHS AGO

| U.S. ECONOMIC INDICATOR SUMMARY |  |                  |             |            |       |         |                |        |         |         |        |
|---------------------------------|--|------------------|-------------|------------|-------|---------|----------------|--------|---------|---------|--------|
|                                 |  | MOST RECENT DATA |             |            |       |         | LAST PRICE vs. |        |         | QoQ Chg |        |
|                                 |  | Period           | Latest data | Last Price | Prior | MoM Chg | 3M Ave         | 6M Ave | TTM Ave | (3q14)  | (2q15) |
| CONSUMPTION                     | Personal Spending (Real PCE), YoY %        | Aug-14           | Better      | 2.6%       | 2.2%  | 0.38%   | 0.2%           | 0.2%   | 0.2%    | 0.0%    | 0.1%   |
|                                 | Personal Income, YoY %                     | Aug-14           | Worse       | 4.3%       | 4.4%  | -0.13%  | 0.0%           | 0.2%   | 1.4%    | 0.3%    | 1.3%   |
|                                 | Real Disposable Income (per capita), YoY % | Aug-14           | Worse       | 1.9%       | 2.0%  | -0.06%  | 0.0%           | 0.1%   | 1.4%    | 0.2%    | 955.5% |
|                                 | Retail Sales, YoY %                        | Aug-14           | Better      | 5.0%       | 4.2%  | 0.79%   | 0.5%           | 0.5%   | 1.3%    | 0.0%    | 0.2%   |
|                                 | Consumer Credit, YoY %                     | Jul-14           | Better      | 7.0%       | 6.7%  | 0.29%   | 0.3%           | 0.6%   | 0.8%    | 0.5%    | 0.9%   |
|                                 | NFP Employment, MoM Chg                    | Aug-14           | Worse       | 141        | 211   | -70.0   | -65            | -84    | -65     | -90     | 5      |
|                                 | Initial Claims, NSA, YoY %                 | Sep-14           | Worse       | -6.7%      | -9.7% | 3.0%    | 3.0%           | 2.6%   | 2.1%    | -0.8%   | 2.9%   |
|                                 | Consumer Confidence                        | Sep-14           | Worse       | 86         | 93    | -7.4    | -3.9           | -0.7   | 4.0     | 6.5     | 8.9    |
|                                 | Consumer Comfort                           | Sep-14           | Worse       | 36.4       | 36.9  | -0.50   | -0.5           | 0.1    | 1.2     | 1.1     | 1.1    |
|                                 | Real Weekly Earnings, Y/Y %                | Aug-14           | Worse       | 0.4%       | 0.4%  | 0.00%   | 0.2%           | 0.2%   | -0.1%   | 0.4%    | -0.2%  |
|                                 | Auto Sales, Millions Units                 | Sep-14           | Worse       | 16.3       | 17.5  | -1.11   | -0.4           | -0.3   | 0.2     | 1.2%    | 6.9%   |
|                                 | Gas Price                                  | Sep-14           | Better      | 3.38       | 3.46  | -7.60%  | -0.10          | -0.18  | -0.07   | -4.9%   | -2.1%  |
| INVESTMENT                      | Industrial Production, YoY %               | Aug-14           | Worse       | 4.1%       | 4.8%  | -0.69%  | -0.3%          | -0.1%  | 0.4%    | 0.3%    | 1.7%   |
|                                 | Capacity Utilization                       | Aug-14           | Worse       | 78.8       | 79.1  | -0.30   | -0.2           | -0.2   | 0.1     | -0.1%   | 1.4%   |
|                                 | Durable Goods New Orders, YoY %            | Aug-14           | Worse       | 8.9%       | 33.7% | -24.77% | -5.4%          | -1.9%  | 1.3%    | 17.8%   | 14.4%  |
|                                 | Capital Goods - NonDefense Ex-Air, YoY %   | Aug-14           | Worse       | 7.5%       | 8.5%  | -1.00%  | 0.3%           | 1.6%   | 2.6%    | 4.2%    | 0.5%   |
|                                 | ISM Mfg                                    | Sep-14           | Worse       | 56.6       | 59.0  | -2.40   | -1.0           | 0.2    | 1.1     | 2.4     | 1.8    |
|                                 | ISM Mfg - New Orders                       | Sep-14           | Worse       | 60.0       | 66.7  | -6.70   | -3.4           | -0.2   | 0.8     | 6.4     | 2.0    |
|                                 | ISM Mfg - Employment                       | Sep-14           | Worse       | 54.6       | 58.1  | -3.50   | -2.4           | -0.6   | 0.2     | 3.5     | 1.9    |
|                                 | ISM Services                               | Aug-14           | Better      | 59.6       | 58.7  | 0.90    | 1.5            | 3.1    | 4.5     | 3.3     | 3.1    |
|                                 | ISM Services - New Orders                  | Aug-14           | Worse       | 63.8       | 64.9  | -1.10   | 0.5            | 3.5    | 6.7     | 4.4     | 5.8    |
|                                 | ISM Services - Employment                  | Aug-14           | Better      | 57.1       | 56.0  | 1.10    | 1.3            | 3.0    | 3.0     | 3.9     | 1.8    |
|                                 | Mfg & Trade Inventories, YoY %             | Jul-14           | Better      | 5.9%       | 5.8%  | 0.1%    | 0.2%           | 0.7%   | 1.5%    | 0.5%    | 3.0%   |
|                                 | Business Inventories I/S Ratio             | Jul-14           | Worse       | 1.29       | 1.29  | 0.00    | 0.0%           | -0.2%  | -0.1%   | 0.0%    | 0.5%   |
| INVESTMENT<br>(Residential)     | Housing Starts                             | Aug-14           | Worse       | 956        | 1117  | -161    | -38            | -41    | -23     | 5.2%    | 17.5%  |
|                                 | New Home Sales                             | Aug-14           | Better      | 504        | 427   | 77.0    | 54             | 67     | 67      | 8.3%    | 22.0%  |
|                                 | MBA Purchase Apps                          | Sep-14           | Better      | 167        | 166   | 1.2     | -1             | -7     | -8      | -6.1%   | -12.5% |
|                                 | NAHB Survey of Home Builders               | Sep-14           | Better      | 59         | 55    | 4.0     | 3.3            | 7.8    | 7.3     | 9.0     | -1.3   |
|                                 | FHFA HPI NSA YoY %                         | Jul-14           | Worse       | 4.5%       | 5.2%  | -0.66%  | -0.5%          | -1.3%  | -2.3%   | -1.1%   | -3.9%  |
|                                 | Case-Shiller 20-City HPI YoY %             | Jul-14           | Worse       | 6.8%       | 8.1%  | -1.32%  | -1.3%          | -3.3%  | -4.9%   | -2.7%   | -6.0%  |
|                                 | CoreLogic HPI YoY %                        | Jul-14           | Worse       | 7.0%       | 7.5%  | -0.50%  | -0.6%          | -2.4%  | -3.4%   | -1.8%   | -38.8% |
| GOVERNMENT                      | Construction Spending, YoY %               | Aug-14           | Worse       | 5.0%       | 6.9%  | -1.9%   | -1.1%          | -2.3%  | -2.5%   | -1.9%   | 0.7%   |
|                                 | Monthly Budget Balance, Bil \$'s           | Aug-14           | Worse       | -128.7     | -94.6 | -34.1   | -78            | -93    | -86     | -127.46 | -54.87 |
| EXTERNAL                        | International Trade Balance, Bil \$'s      | Jul-14           | Better      | -40.5      | -40.8 | 0.26    | 1.1            | 2.1    | 0.3     | -6.6%   | 0.4%   |

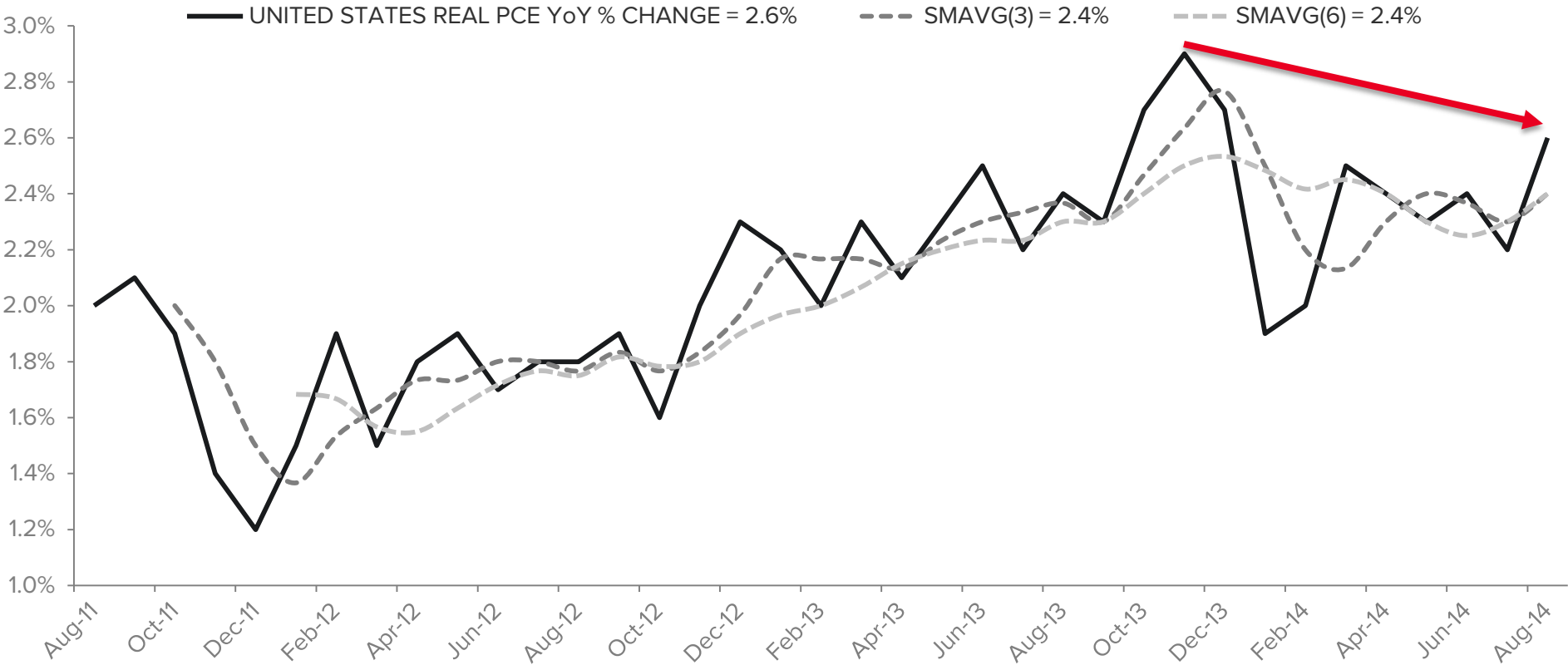
Source: Bloomberg, BLS, BEA, Census, NAR





# #CONSUMERSLOWING

## GROWTH IS ABOVE TREND, BUT MAKING LOWER-HIGHS



# #HOUSINGSLOWDOWN STILL A DRAG

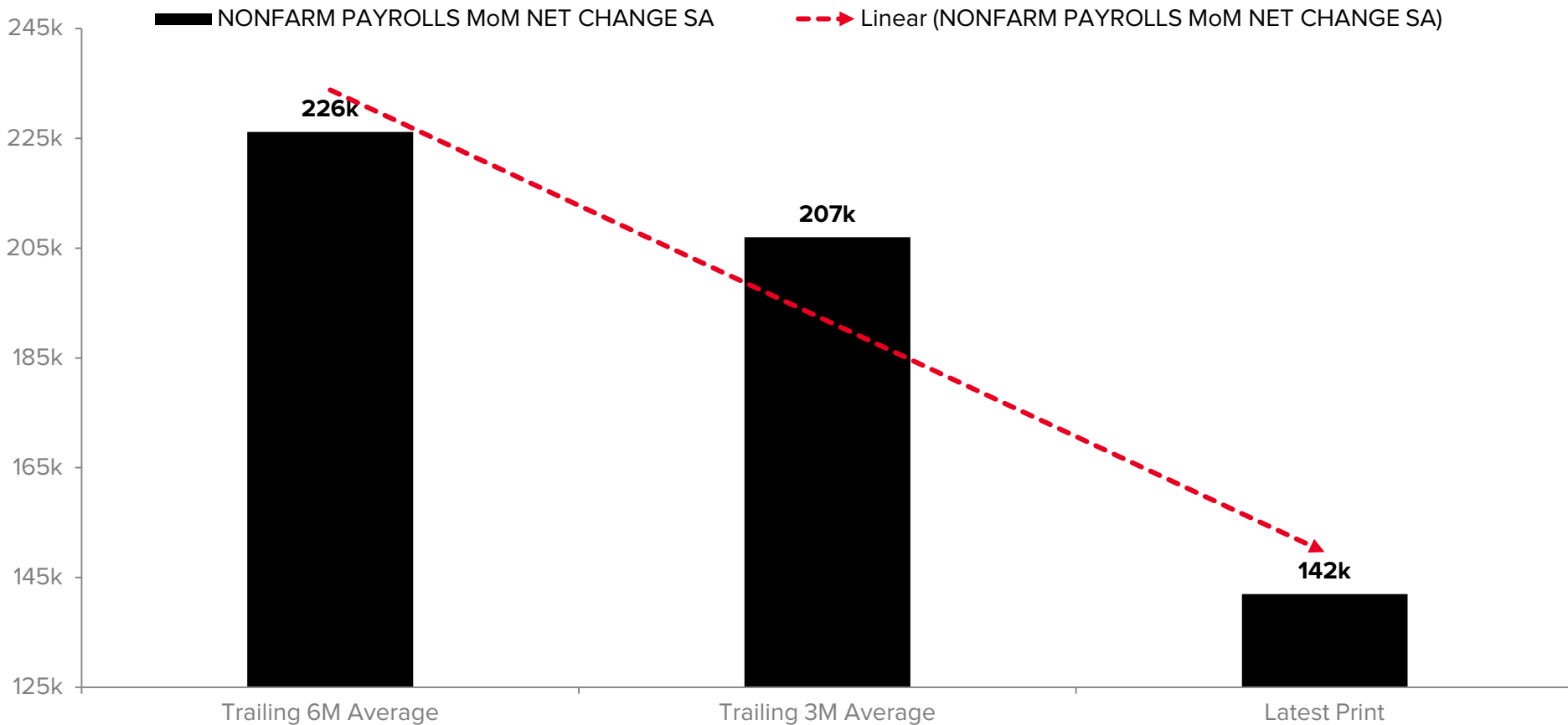
## HEDGEYE HOUSING COMPENDIUM

|                               |  |        |             |            | TRADE/TREND/TAIL |             |           | Rate of Change |             |            |
|-------------------------------|--|--------|-------------|------------|------------------|-------------|-----------|----------------|-------------|------------|
|                               |  |        |             |            | Short Term       | Intmed Term | Long Term | Short Term     | Intmed Term | Long Term  |
| Most Recent Data              |  |        |             |            |                  |             |           |                |             |            |
|                               |  | Period | Latest Data | Last Price | Prior Period     | 3M Ago      | 12M Ave   | MoM Chg        | 3M Chg      | vs 12M Avg |
| Home Prices                   | Case-Shiller 20 City HPI YoY NSA         | Jul-14 | Worse       | 6.7%       | 8.1%             | 10.8%       | 11.7%     | -1.3%          | -4.1%       | -5.0%      |
|                               | Case-Shiller 20 City HPI MoM SA          | Jul-14 | Worse       | -0.5%      | -0.3%            | 0.1%        | 0.6%      | -0.2%          | -0.6%       | -1.1%      |
|                               | Corelogic HPI - NSA YoY % Chg            | Aug-14 | Worse       | 7.3%       | 7.4%             | 8.2%        | 10.2%     | -0.1%          | -0.9%       | -2.8%      |
|                               | Corelogic (Ex-Dist.) HPI - NSA YoY % Chg | Aug-14 | Worse       | 6.8%       | 6.8%             | 7.1%        | 8.7%      | 0.0%           | -0.4%       | -1.9%      |
|                               | FHFA HPI - NSA YoY % Chg                 | Jul-14 | Worse       | 4.4%       | 5.1%             | 6.0%        | 6.9%      | -0.7%          | -1.7%       | -2.5%      |
| Supply & Demand:<br>Existing  | MBA Purchase Apps Index (Mo. Ave)        | Sep-14 | Better      | 167        | 166              | 179         | 177       | 0.7%           | -6.9%       | -5.4%      |
|                               | NAR: Pending Home Sales (Index)          | Aug-14 | Worse       | 104.7      | 105.8            | 103.8       | 101       | -1.0%          | 0.9%        | 3.9%       |
|                               | NAR: Existing Home Sales (SAAR)          | Aug-14 | Worse       | 5.05       | 5.14             | 4.91        | 4.9       | -1.8%          | 2.9%        | 2.5%       |
|                               | NAR: Existing Home Inv. (millions units) | Aug-14 | Better      | 2.31       | 2.35             | 2.25        | 2.1       | -1.7%          | 2.7%        | 8.9%       |
|                               | NAR: Existing Home Inv: Months Supply    | Aug-14 | Worse       | 5.49       | 5.49             | 5.50        | 5.2       | 0.0%           | -0.2%       | 6.2%       |
| Supply & Demand:<br>New Homes | NAHB: HMI                                | Sep-14 | Better      | 59         | 55               | 49          | 52        | 4.0            | 10.0        | 0.1        |
|                               | Census: Total Starts                     | Aug-14 | Worse       | 956        | 1117             | 984         | 968       | -14.4%         | -2.8%       | -1.2%      |
|                               | Census: SF Starts                        | Aug-14 | Worse       | 643        | 659              | 634         | 628       | -2.4%          | 1.4%        | 2.4%       |
|                               | Census: Total Permits                    | Aug-14 | Worse       | 998        | 1057             | 1005        | 999       | -5.6%          | -0.7%       | -0.1%      |
|                               | Census: SF Permits                       | Aug-14 | Worse       | 626        | 631              | 615         | 616       | -0.8%          | 1.8%        | 1.6%       |
|                               | Resi Construction Spending (in Billions) | Aug-14 | Worse       | 357        | 358              | 362         | 356       | -0.1%          | -1.3%       | 0.3%       |
|                               | Census: New Home Sales                   | Aug-14 | Better      | 504        | 427              | 458         | 433       | 18.0%          | 10.0%       | 16.4%      |
|                               | Census: New Home Inventory (000)         | Aug-14 | Worse       | 206        | 202              | 191         | 189       | 2.0%           | 7.9%        | 8.7%       |
| Miscellaneous                 | Interest Rates (30 Year FRM)             | Aug-14 | Better      | 4.3%       | 4.3%             | 4.3%        | 4.5%      | 0.0%           | 0.0%        | -0.2%      |
|                               | NAR: Affordability Index (Composite)     | Jul-14 | Worse       | 153.8      | 154.3            | 167.5       | 165.2     | -0.3%          | -8.2%       | -6.9%      |
|                               | ITB Price (EOP)                          | Sep-14 | Better      | 23.54      | 23.22            | 24.29       | 23.6      | 1.4%           | -3.1%       | -0.1%      |
|                               | XHB Price (EOP)                          | Sep-14 | Better      | 30.91      | 30.83            | 32.18       | 31.4      | 0.3%           | -3.9%       | -1.7%      |

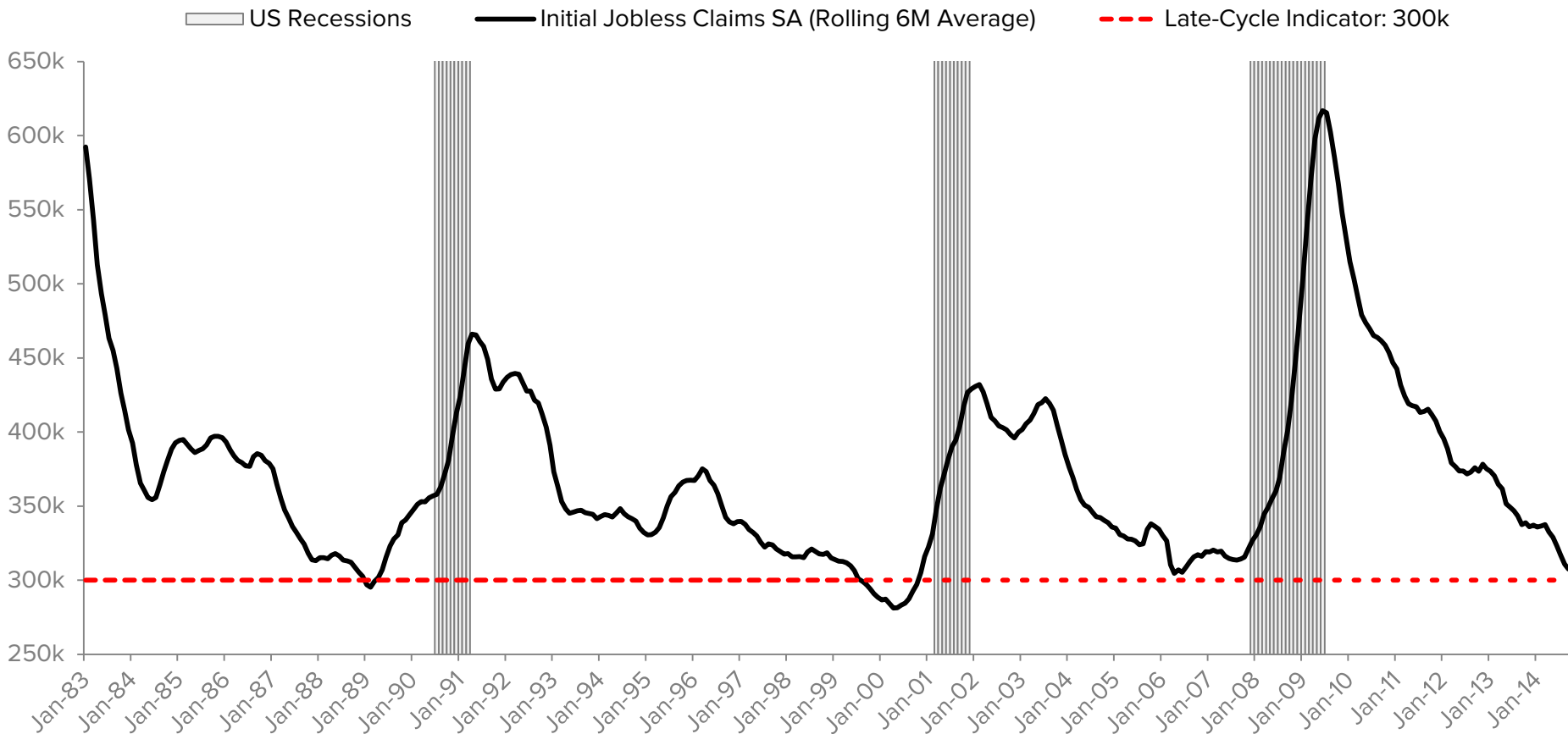
Source: Hedgeye Risk Management, S&P, Corelogic, FHFA, MBA, NAR, NAHB, Census Dept., Factset, Bloomberg

HEDGEYE

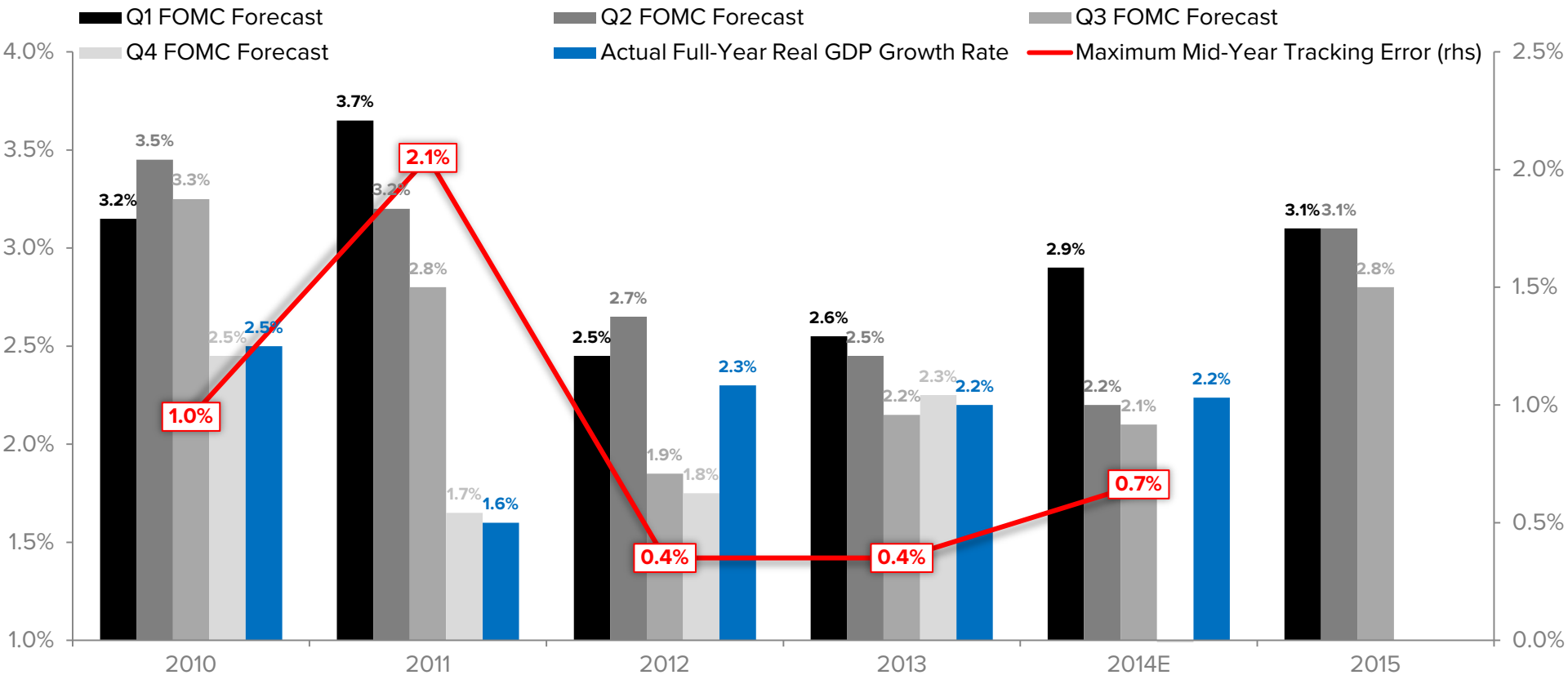
# THE LABOR MARKET IS SOFTENING



# A RECESSION IS CLOSER THAN YOU THINK



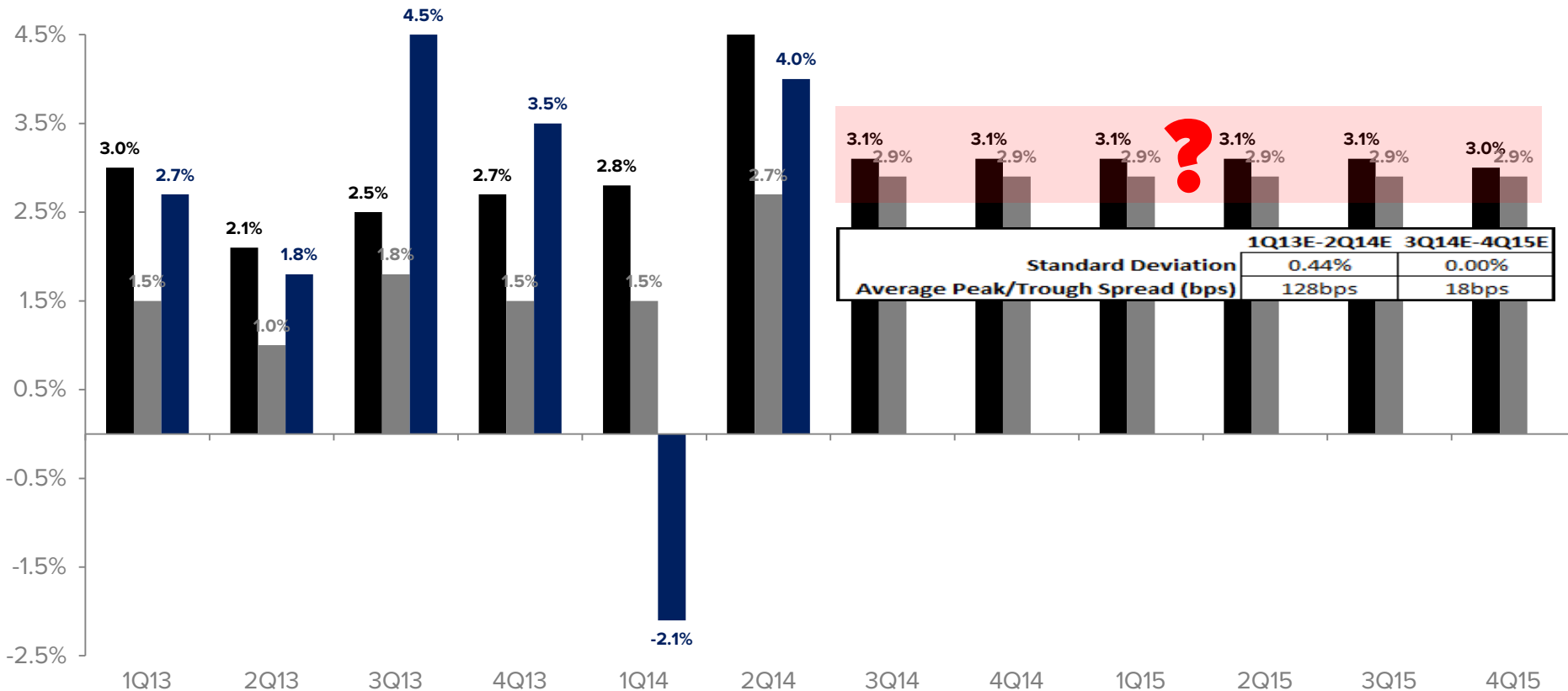
# ONCE AGAIN, THE FED IS TOO HIGH ON GROWTH



The red line indicates the spread between the FOMC's peak intra-year annual real GDP growth forecast and the actual recorded rate. 2014E is the current annualized run rate.

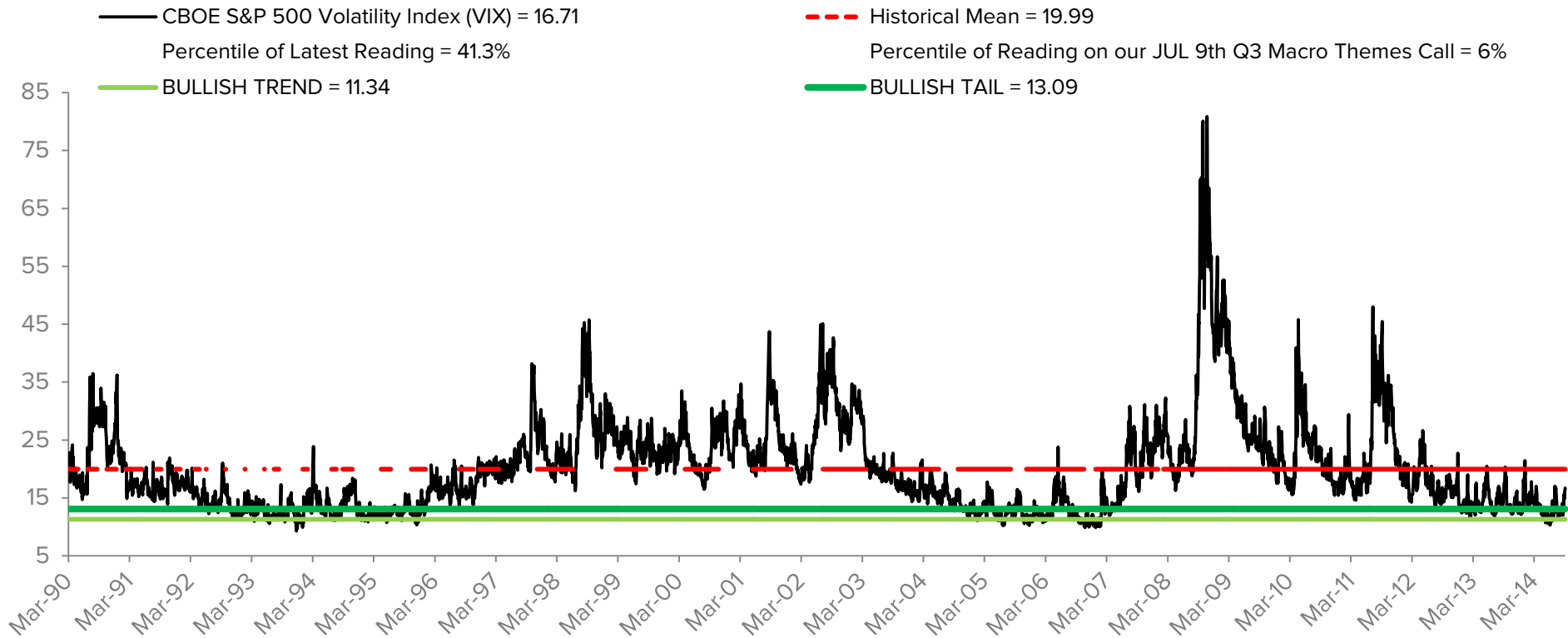
# CONSENSUS ESTIMATES STILL NEED TO COME DOWN

■ Bloomberg Consensus US GDP Forecast: Peak Estimate ■ Bloomberg Consensus US GDP Forecast: Trough Estimate ■ Actual



# WILL A DOVISH FED SPOOK INVESTORS?

## #VOLATILITYASYMMETRY REMAINS...





**#EUROPESLOWING**

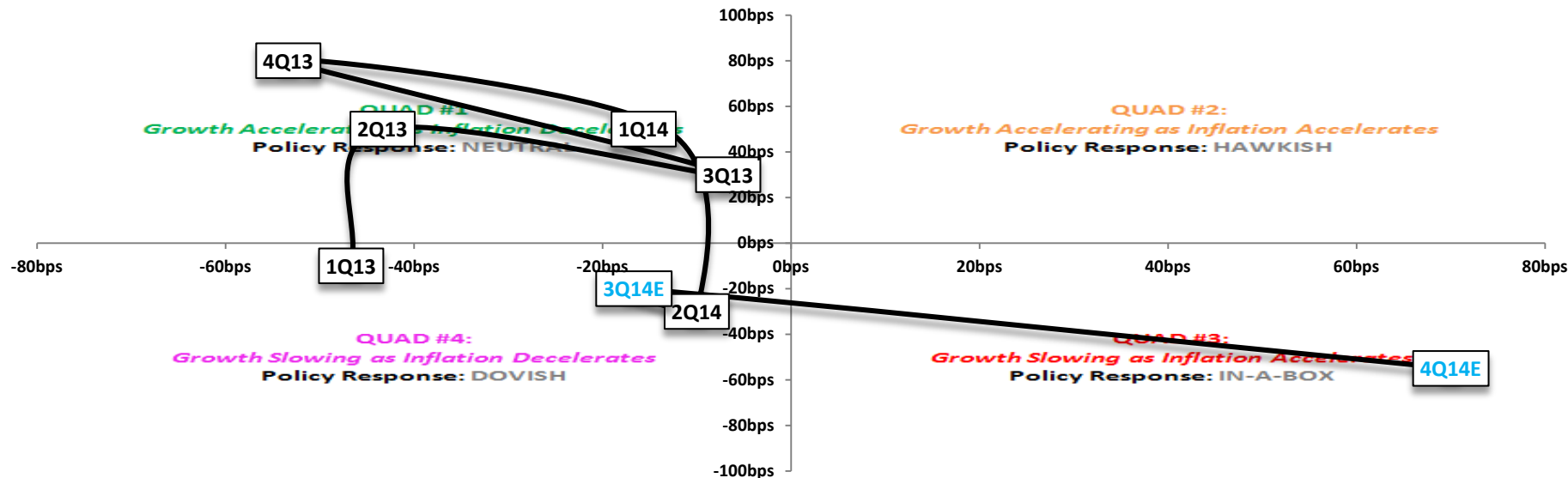
EURO

DRAGHI



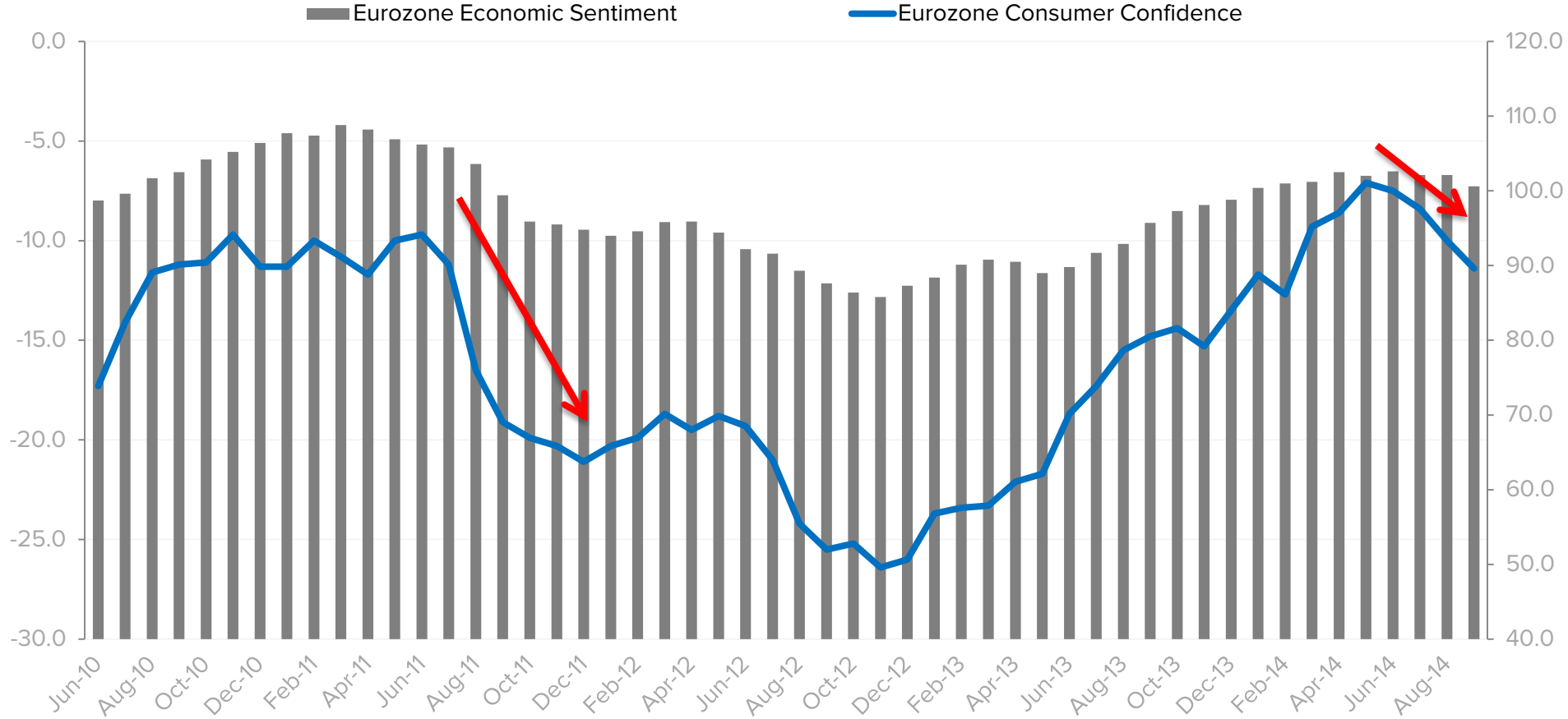
# EUROZONE MOVING TO UGLY QUAD #3

| EUROZONE     | 2Q11  | 3Q11  | 4Q11  | 1Q12  | 2Q12  | 3Q12  | 4Q12  | 1Q13  | 2Q13  | 3Q13  | 4Q13  | 1Q14  | 2Q14  | Hedgeye Macro GIP Model               |  |  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------------|--|--|
| Real GDP QoQ | 0.1%  | 0.0%  | -0.2% | -0.1% | -0.3% | -0.2% | -0.5% | -0.2% | 0.3%  | 0.1%  | 0.3%  | 0.2%  | 0.0%  | GIP = Growth/Inflation/Policy         |  |  |
| Real GDP YoY | 1.8%  | 1.5%  | 0.7%  | -0.2% | -0.5% | -0.7% | -1.0% | -1.1% | -0.6% | -0.3% | 0.5%  | 1.0%  | 0.7%  | Full-year Estimates                   |  |  |
| 2Y Average   | 2.0%  | 1.9%  | 1.5%  | 1.2%  | 0.7%  | 0.4%  | -0.2% | -0.7% | -0.6% | -0.5% | -0.3% | -0.1% | 0.1%  | Hedgeye Predictive Tracking Algorithm |  |  |
| 3Y Average   | -0.5% | -0.2% | 0.2%  | 1.1%  | 1.2%  | 1.0%  | 0.7%  | 0.4%  | 0.2%  | 0.1%  | 0.1%  | -0.1% | -0.1% | Bloomberg Consensus Estimate          |  |  |
| GDP Compares | 3.3%  | 3.1%  | 2.4%  | 2.1%  | 1.3%  | 0.7%  | -0.5% | -1.3% | -0.9% | -0.6% | 0.3%  | 0.9%  | 0.6%  | Central Bank Forecast                 |  |  |
| CPI YoY      | 2.7%  | 2.7%  | 2.9%  | 2.7%  | 2.5%  | 2.5%  | 2.3%  | 1.8%  | 1.4%  | 1.3%  | 0.8%  | 0.7%  | 0.6%  | Full-year Estimates                   |  |  |
| 2Y Average   | 2.2%  | 2.2%  | 2.5%  | 2.6%  | 2.6%  | 2.6%  | 2.6%  | 2.3%  | 1.9%  | 1.9%  | 1.6%  | 1.3%  | 1.0%  | Hedgeye Predictive Tracking Algorithm |  |  |
| 3Y Average   | 1.5%  | 1.4%  | 1.8%  | 2.1%  | 2.3%  | 2.3%  | 2.4%  | 2.3%  | 2.2%  | 2.2%  | 2.0%  | 1.7%  | 1.5%  | Bloomberg Consensus Estimate          |  |  |
| CPI Compares | 6.4%  | 6.3%  | 7.1%  | 7.4%  | 7.3%  | 7.5%  | 7.3%  | 6.4%  | 5.5%  | 5.5%  | 4.4%  | 3.7%  | 3.0%  | Central Bank Forecast                 |  |  |

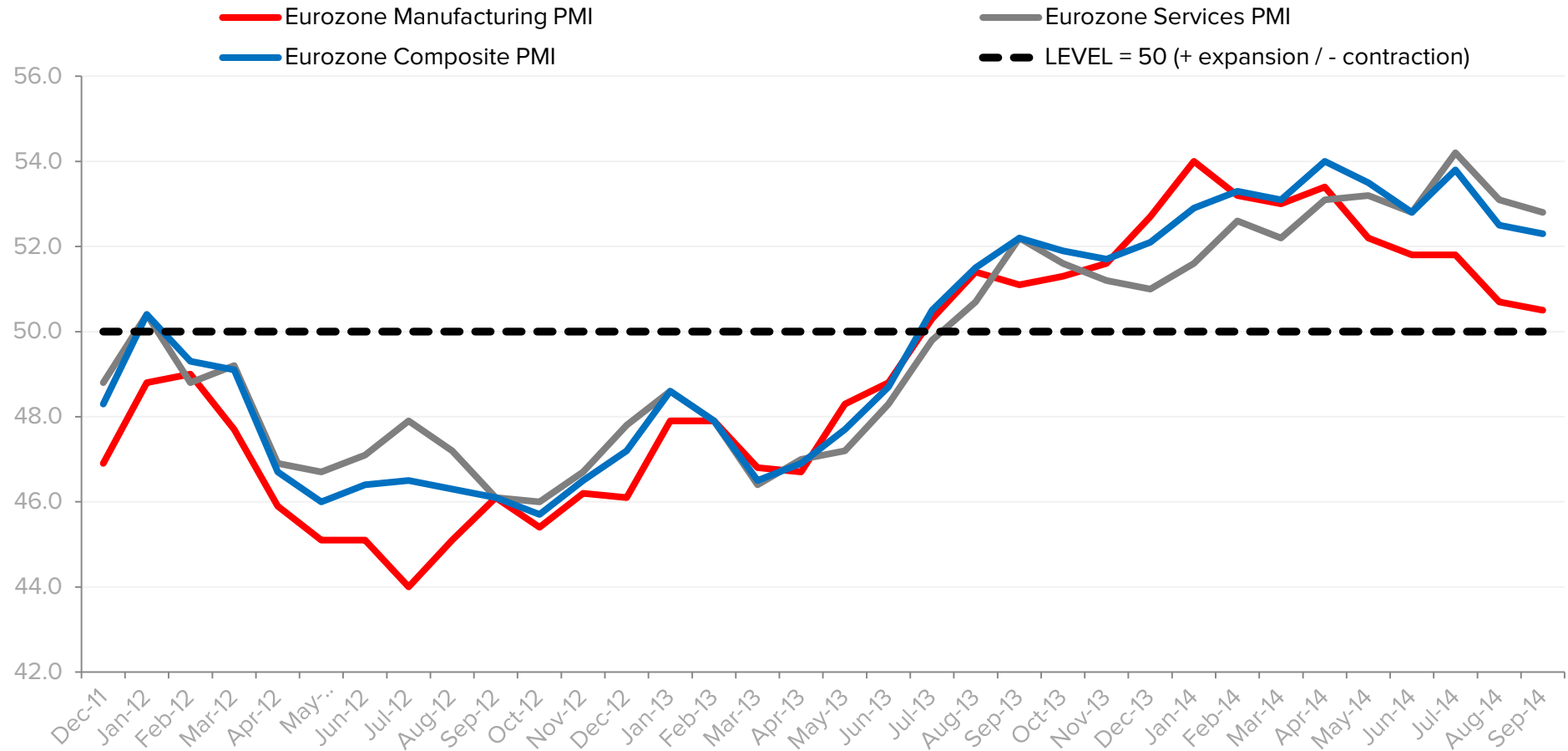


x-axis: second derivative of HEADLINE INFLATION reading  
y-axis: second derivative of REAL GDP reading

# 2011 AGAIN? #CONFIDENCESLOWING

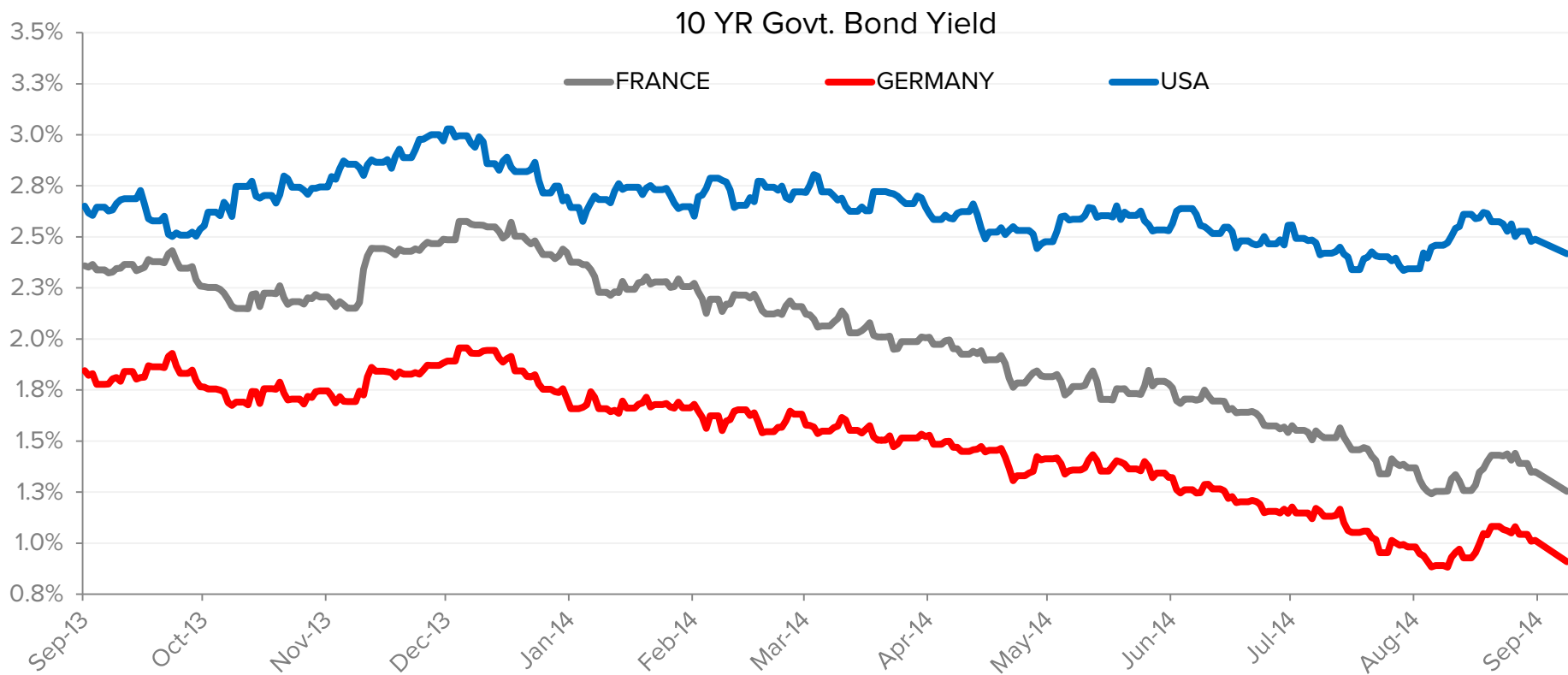


# RATE OF CHANGE = BEARISH



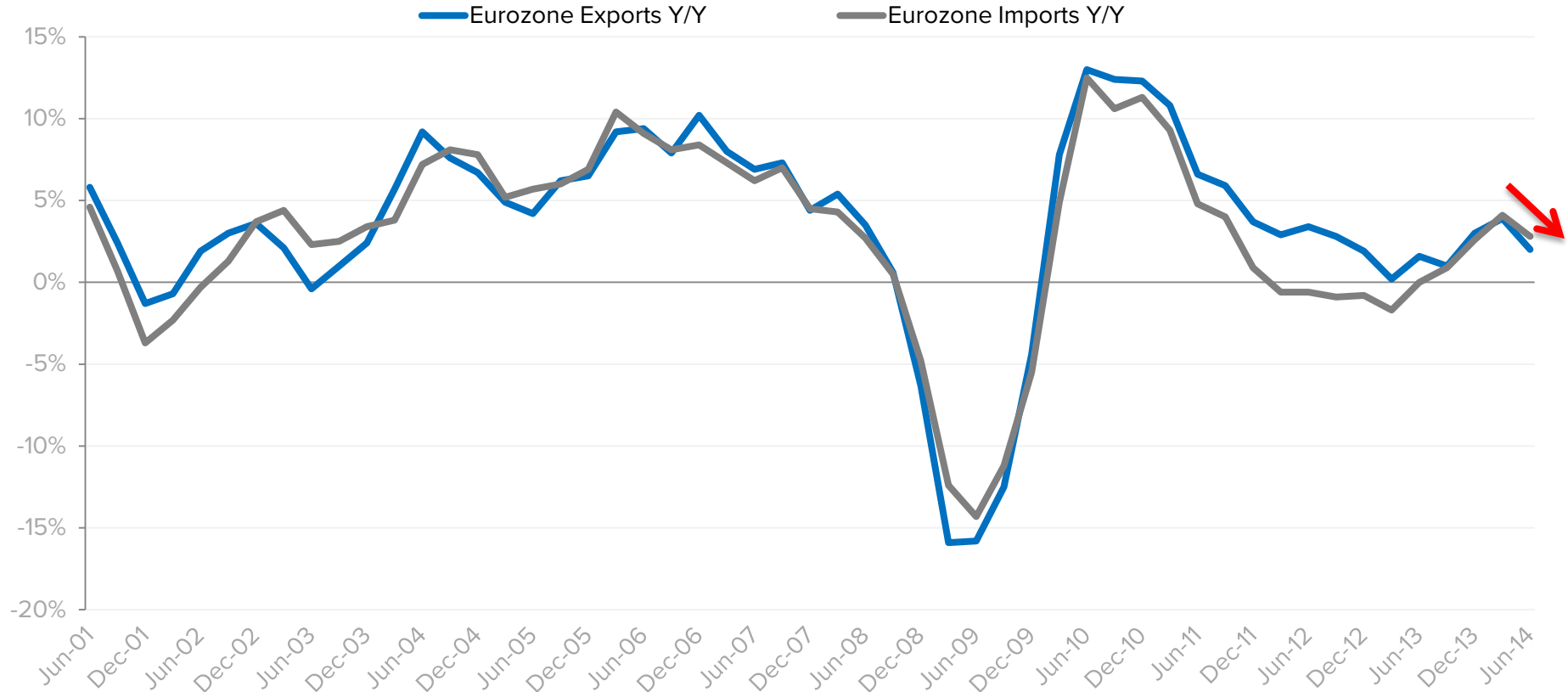
# JAPANESE STYLE ROAD TO ZERO?

## SOVEREIGN BONDS REFLECT WEAK GROWTH OUTLOOK

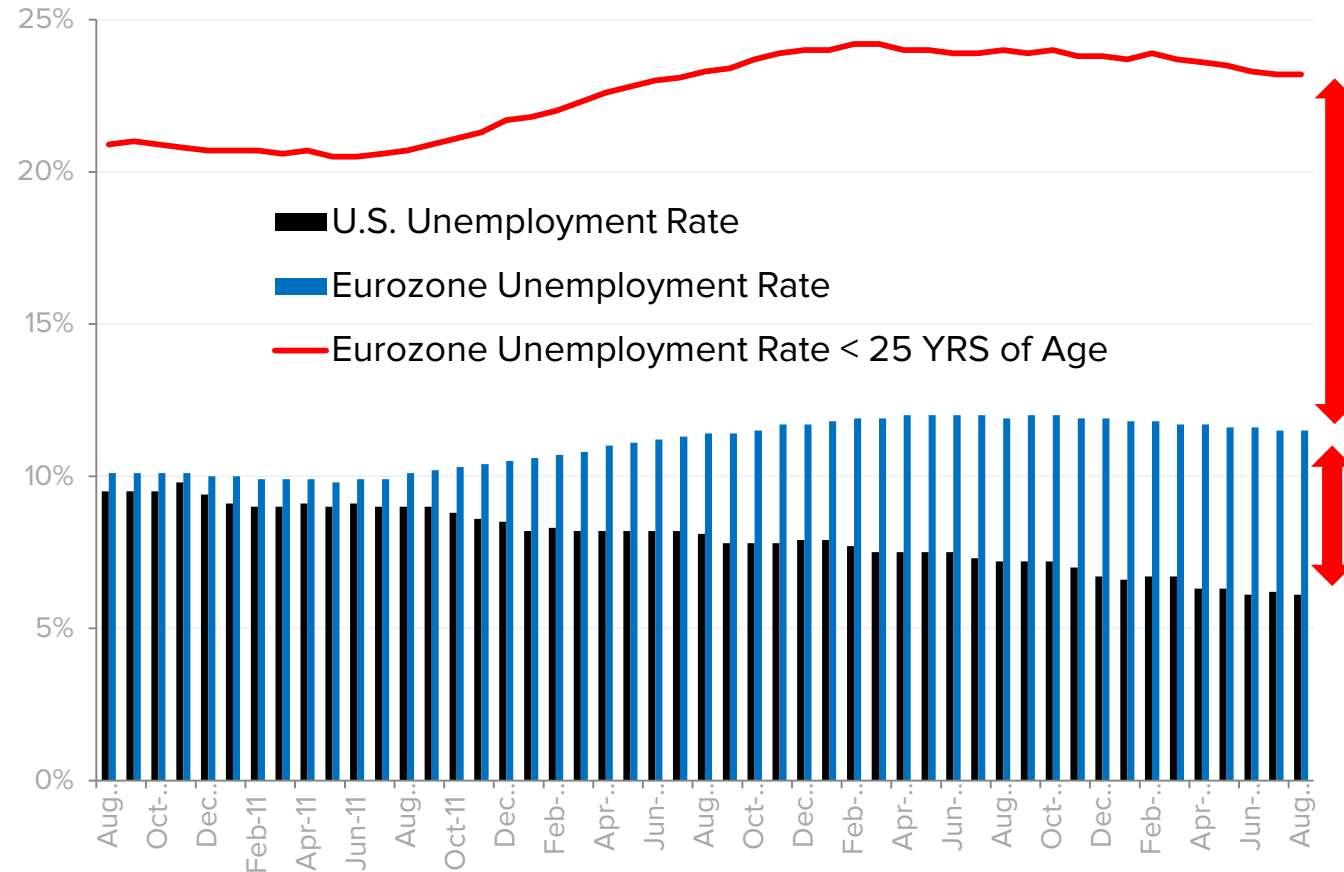


# EXPORTS AND IMPORTS LOWER

## WILLING EXPORTS WITH A WEAK EURO?

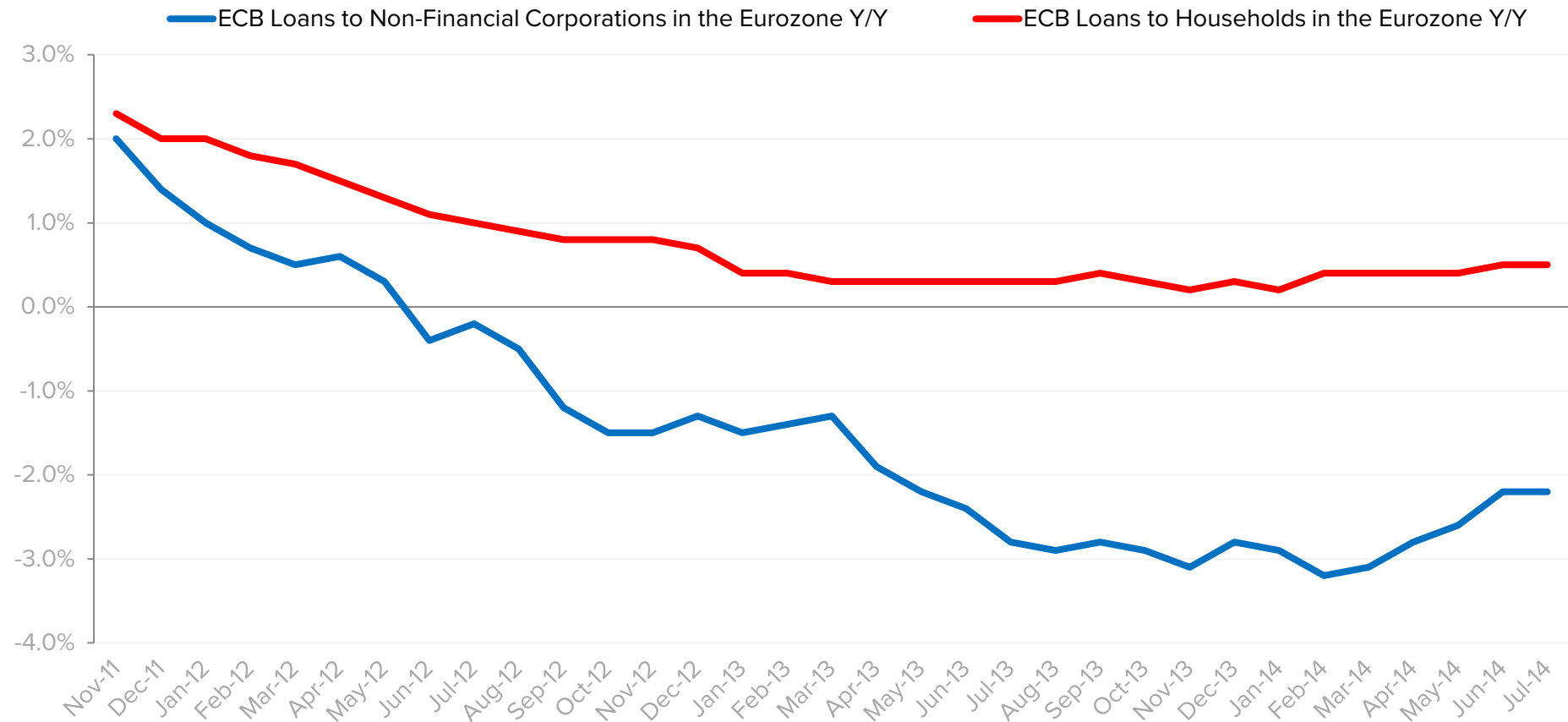


# HEADWIND: UNEMPLOYMENT'S TAIL

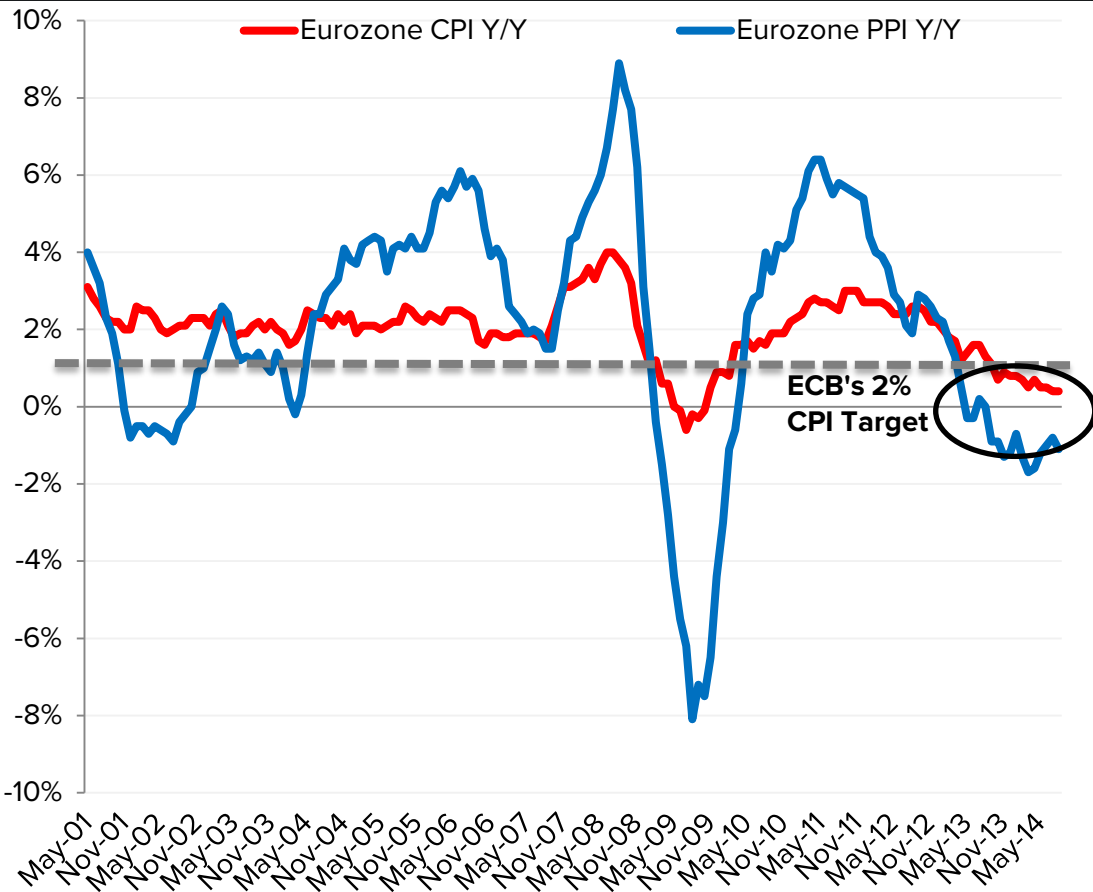


- “Lost Generation” = jobless for life
- Drag of periphery on the core
- Swiss-based staffing company Adecco said it saw a weaker-than-usual seasonal pick up in hiring in Europe for September, most pronounced in Germany and France. (9/24)

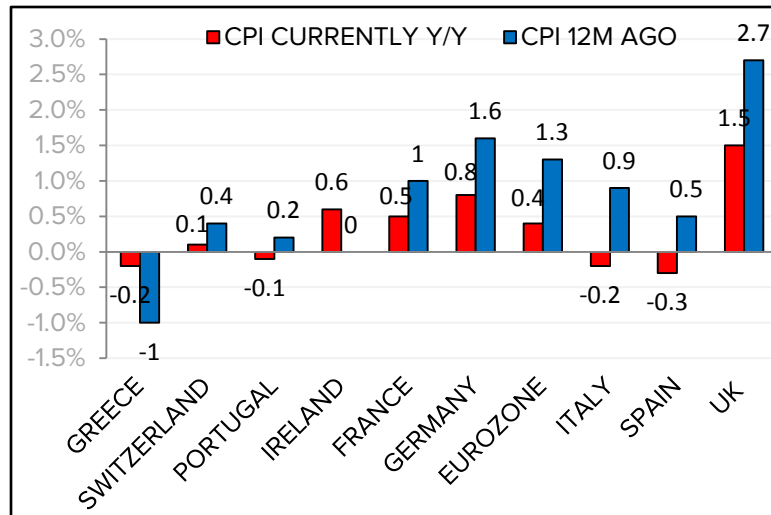
# “REAL” ECONOMY LENDING STALLED



# ARRESTING RUNAWAY DEFLATION?



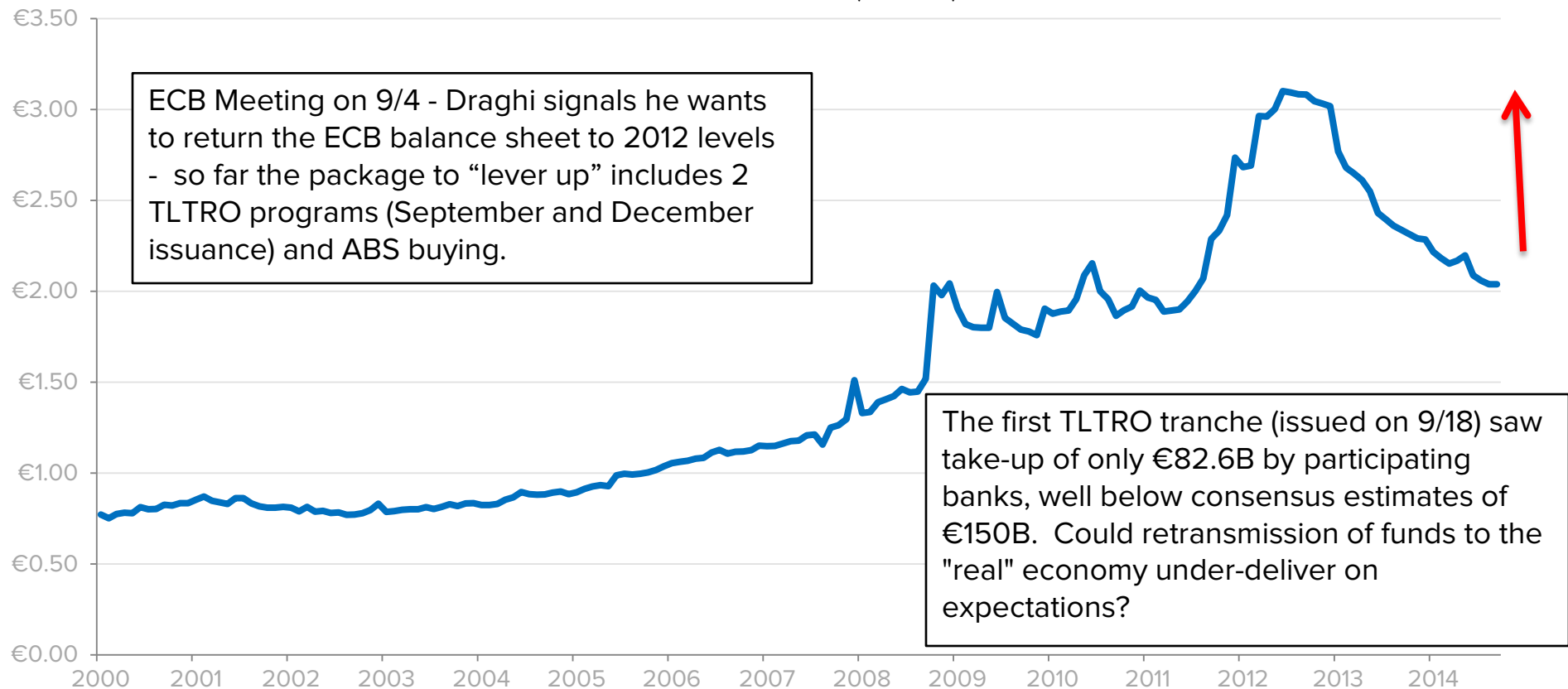
Draghi @ Jackson Hole, Wyoming, on Aug. 22: says inflation expectations were declining across “all horizons” and that policy makers “will use all available instruments” to safeguard price stability.





# LEVER UP!

— ECB Balance Sheet (All Items) in Trillions EUR

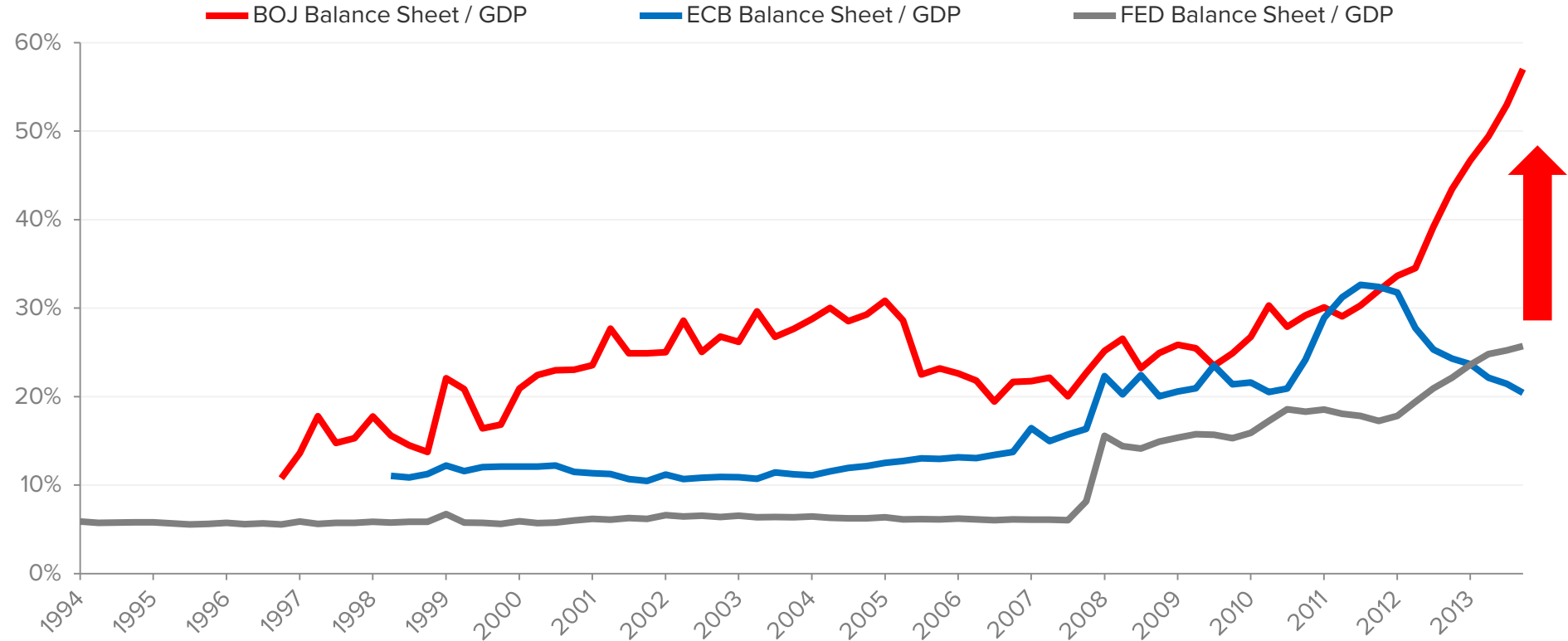


# CONFUSION BREEDS CONTEMPT

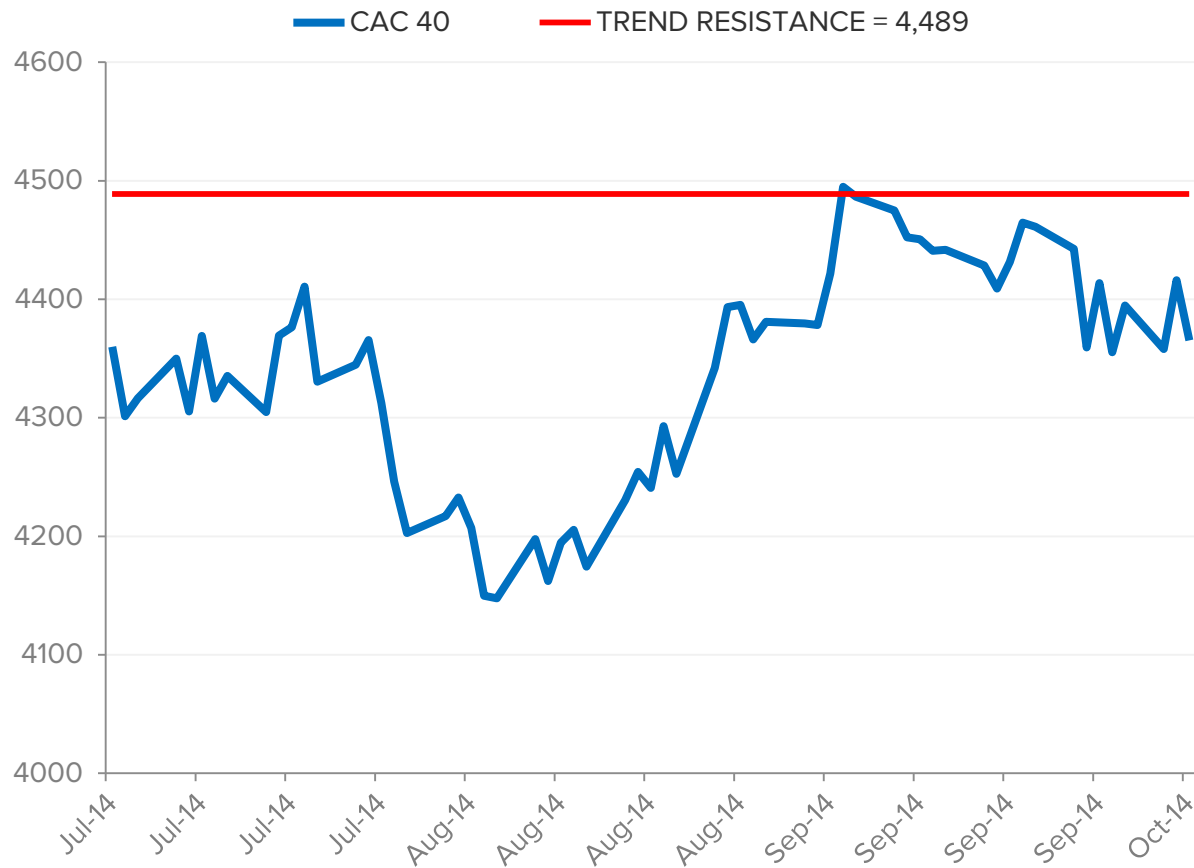
- **EXECUTIVE BOARD MEMBER BENOIT COEURE:** “We’ll see if this [TLTRO and ABS] is enough... In case it would not be enough, the Governing Council is ready to do more. But it’s way too early to tell.”
- **GERMAN FINANCE MINISTER SCHAEUBLE:** said the ECB is doing what it can to help the Eurozone economy, but basically it has run out of tools. He added that it is no good having a central bank responsible for jobs and growth and pointed out that cheap money can't force growth.
- **ECB PRESIDENT MARIO DRAGHI:** “No matter what the monetary and even fiscal stimulus has been decided, we won’t see much growth coming from these measures only if there are no serious structural reforms,” he told reporters in Milan on Sept. 12, reiterating comments he made at Jackson Hole.

# IS JAPAN REALLY A GOOD EXAMPLE?

LOST DECADES AREN'T ENVIABLE ...

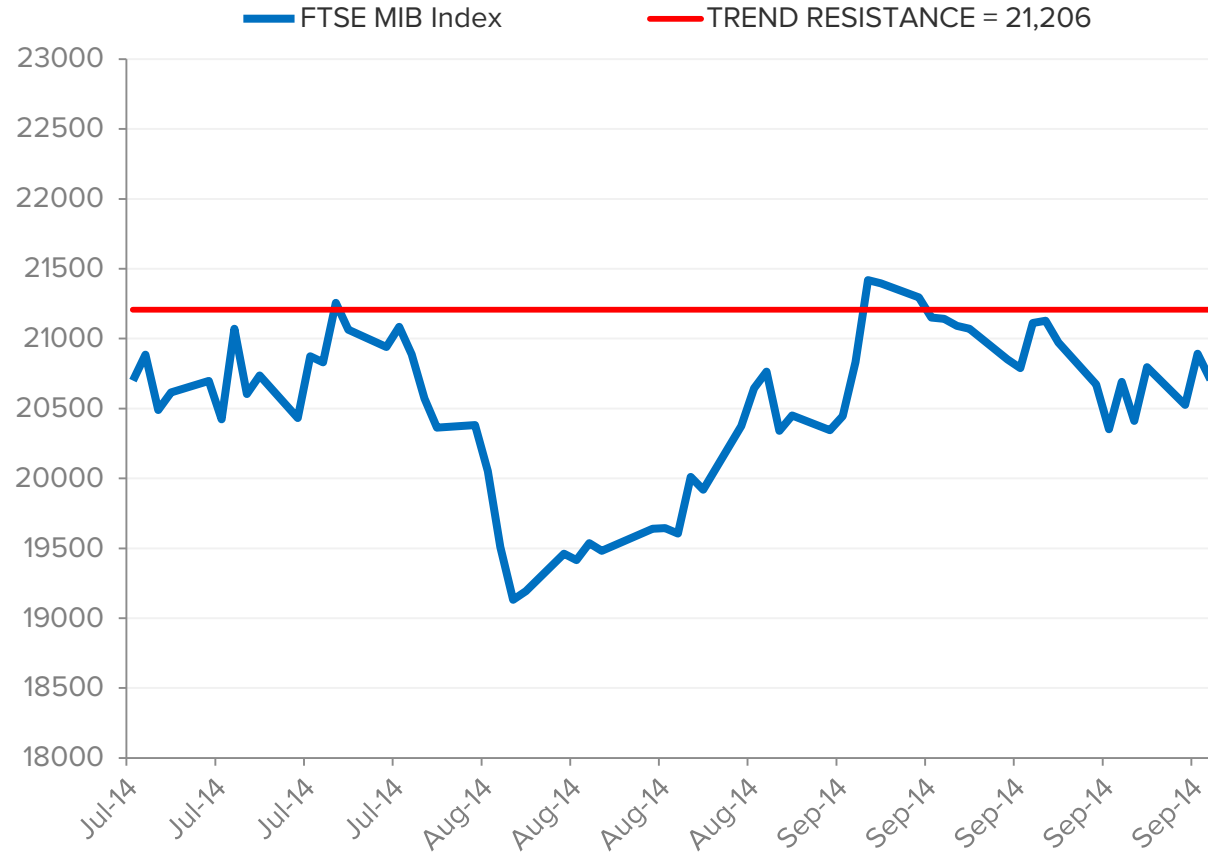


# SOCIALISM (FRANCE) = BEARISH TREND



- **ETF = EWQ**
- **Economic Underperformance:** last quarter the Govt. cut 2014 growth in half to 0.5%
- **Fiscal Imbalance:** Govt. announced it will miss its 4% deficit target for '14 and won't achieve 3% until 2017 (vs prior est. of 2016)
- **Political Disunity:** Hollande is wildly unpopular, only 17% approval

# ITALY = BEARISH TREND

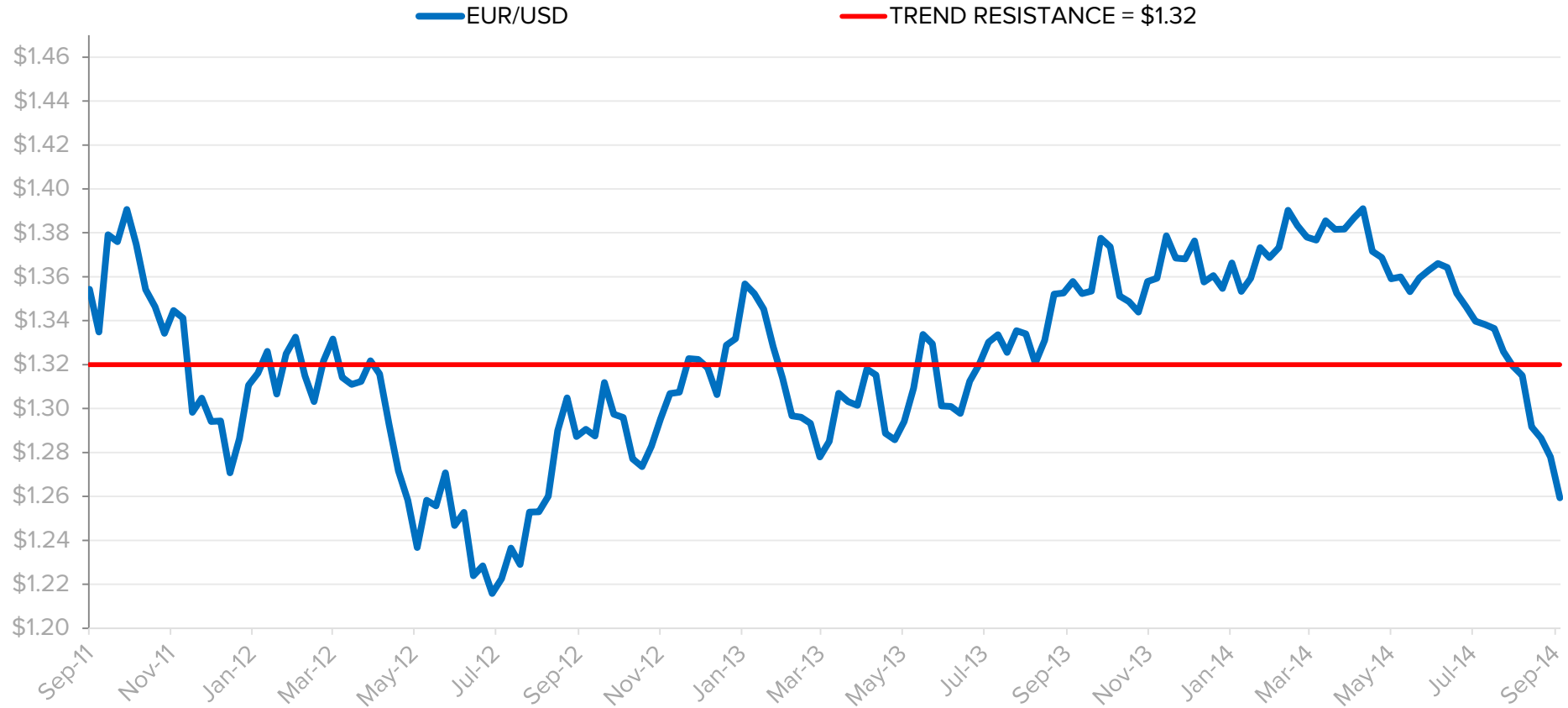


- **ETF = EWI**

- **Economic**

**Underperformance:** Italy's growth is likely to contract for the 3<sup>rd</sup> straight year in 2014. Struggling to enact real structural reforms, we expect the Renzi gov't to "extend and pretend" its deficit reduction target, and the country to be Draghi's poster child for "why" there's no inflection (to growth) in 2015

# EURO = BEARISH TREND



# EVENTS DRAGHI WILL MONITOR

**OCT 9** – ECB Publishes Monthly Report

**OCT 23** – Eurozone Q2 Government Debt and Deficit

**OCT 26** – Results of the European Bank Stress Tests Announced

**OCT 30** – Eurozone Confidence Figures

**OCT 31** – OCT CPI Estimate

**NOV 6** – ECB Interest Rate Announcement

**NOV 13** – ECB Publishes Monthly Report

**NOV 27** – Eurozone Confidence Figures

**NOV 28** – NOV CPI Estimate

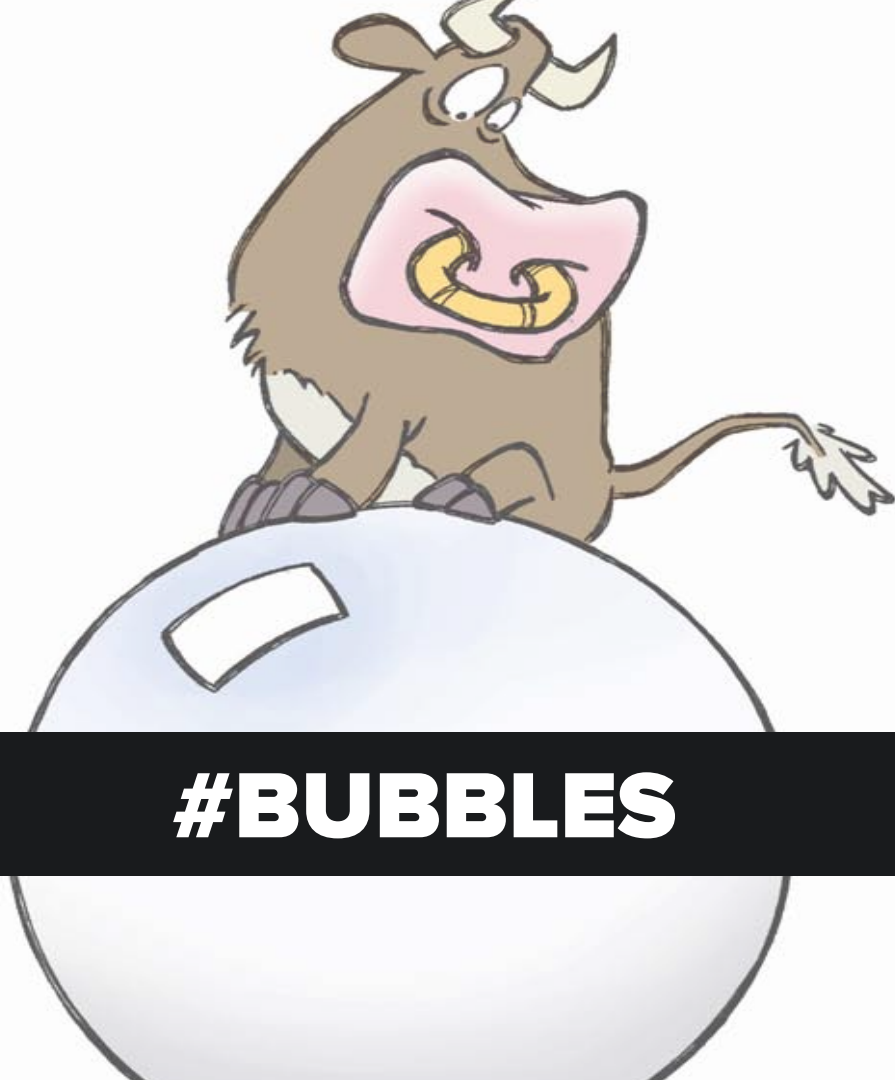
**DEC 3** – Preliminary Eurozone Q3 GDP

**DEC 4** – ECB Interest Rate Announcement

**DEC 11** – ECB Publishes Monthly Report

• **Other Geopolitical Risks:** Ukraine, ISIS, Catalonia



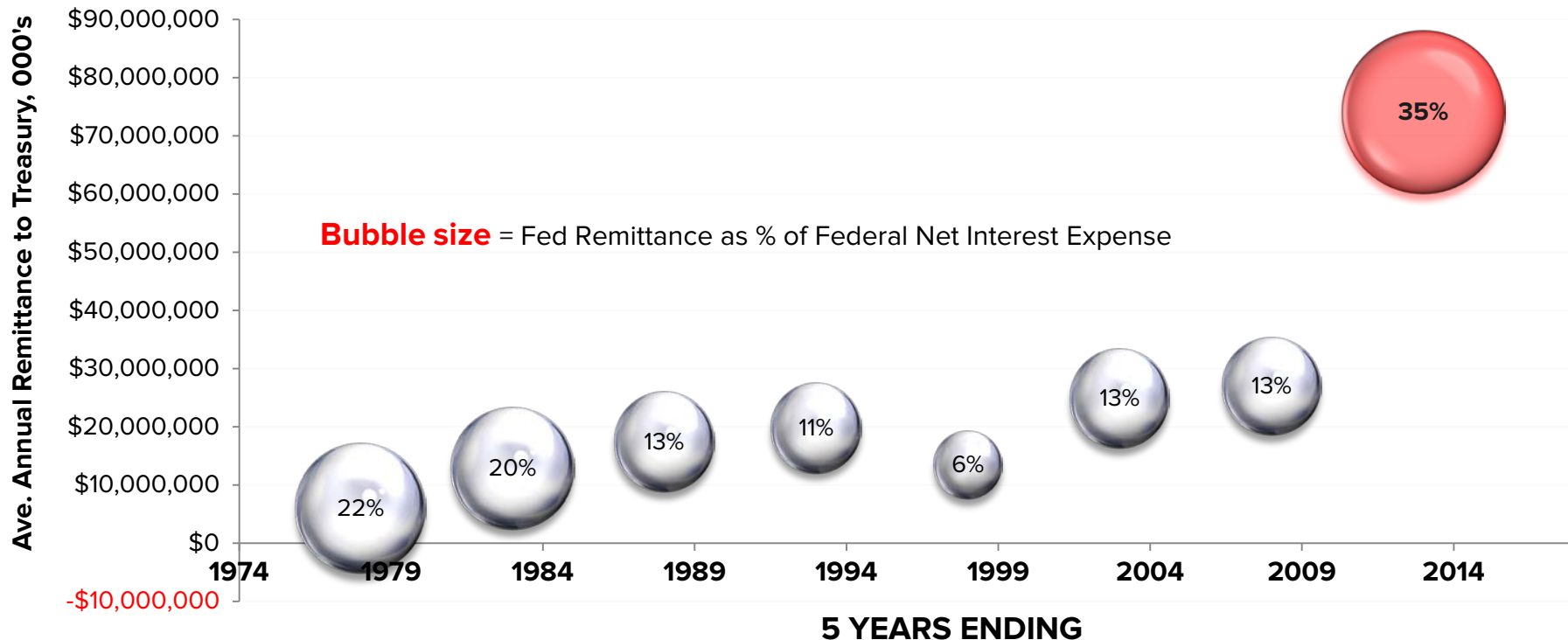




# CENTRAL BANK INTERVENTION

*TSRY ISSUES DEBT → FED BUYS DEBT → TSRY PAYS FED → FED GIVES IT BACK*

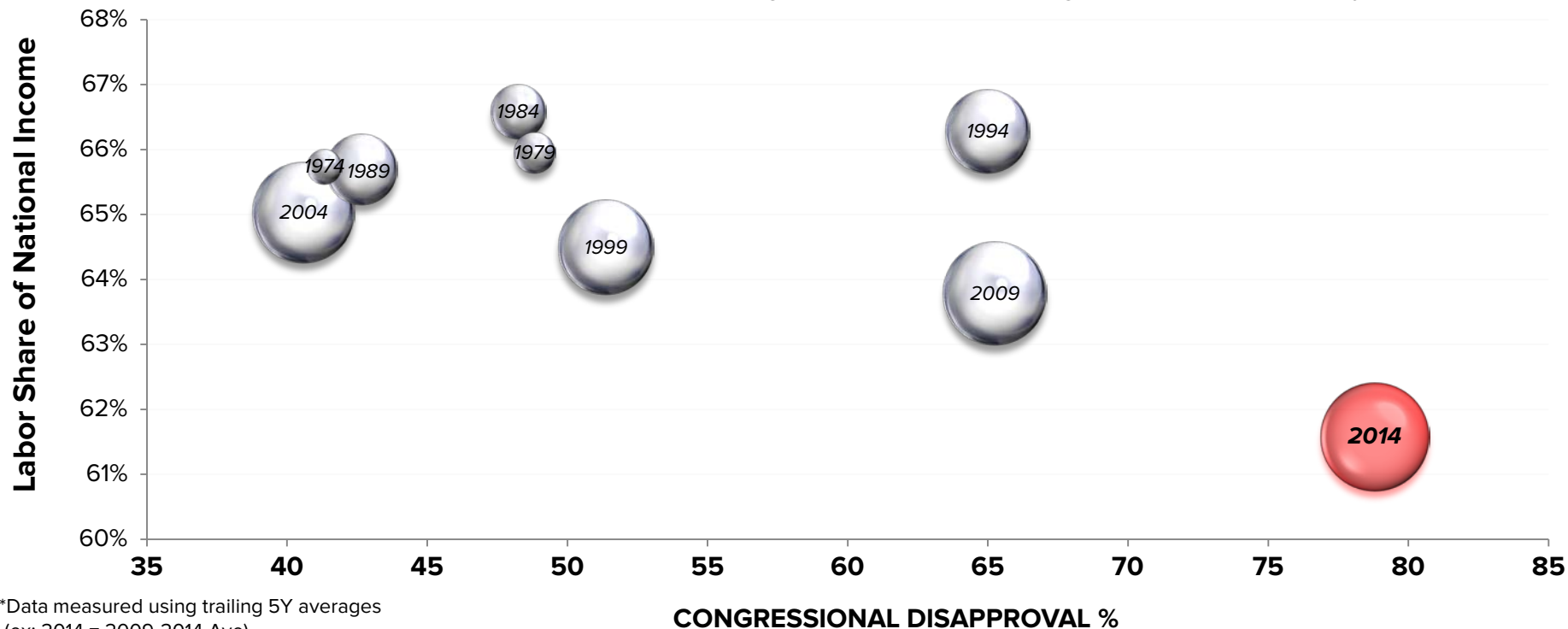
## FED REMITTANCES TO THE U.S. TREASURY



# INEQUALITY

**ALL-TIME LOW IN LABOR'S SHARE OF INCOME + ALL-TIME HIGH IN CONGRESSIONAL DISAPPROVAL**

**Bubble Size** = Gini Coefficient: a larger bubble represents a greater level of inequality

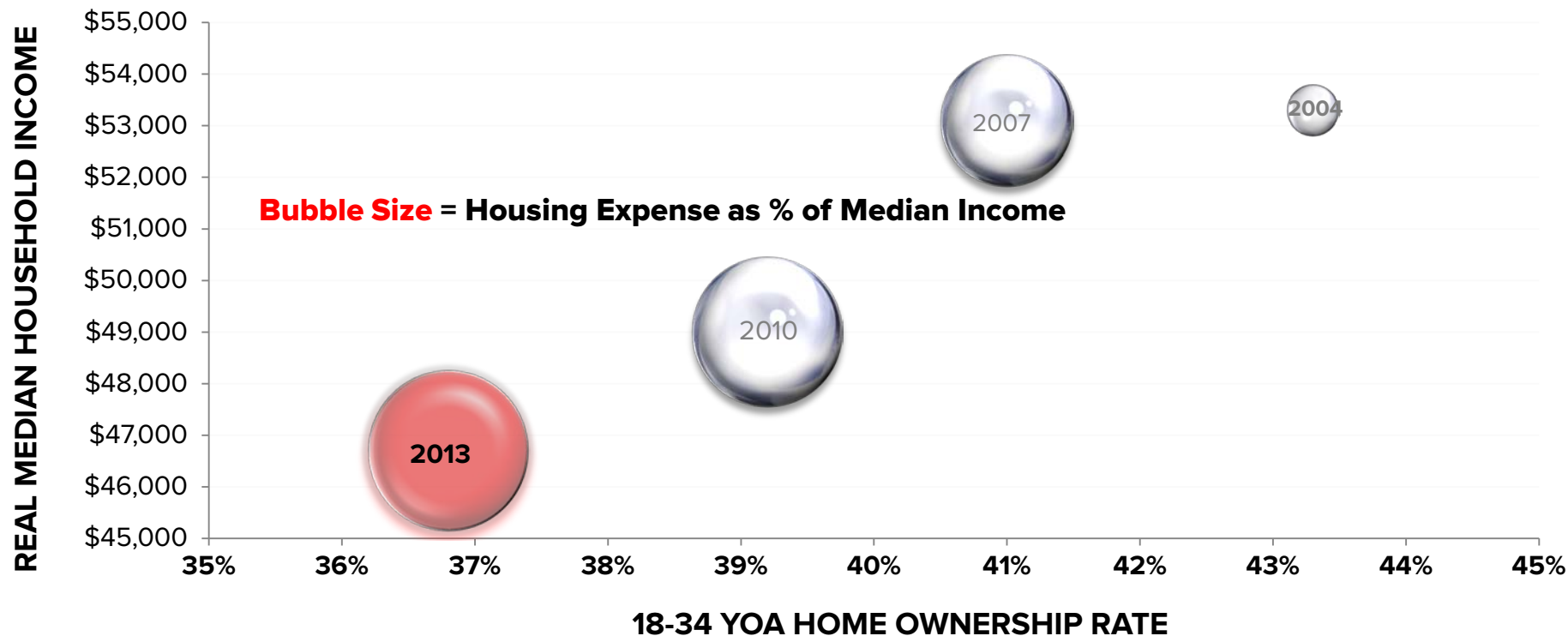


\*Data measured using trailing 5Y averages  
(ex: 2014 = 2009-2014 Ave)

# BASEMENT DWELLING

**NEGATIVE WAGE GROWTH + COST OF LIVING INFLATION = LIVE IN BASEMENT**

## BUBBLE IN BASEMENT DWELLING

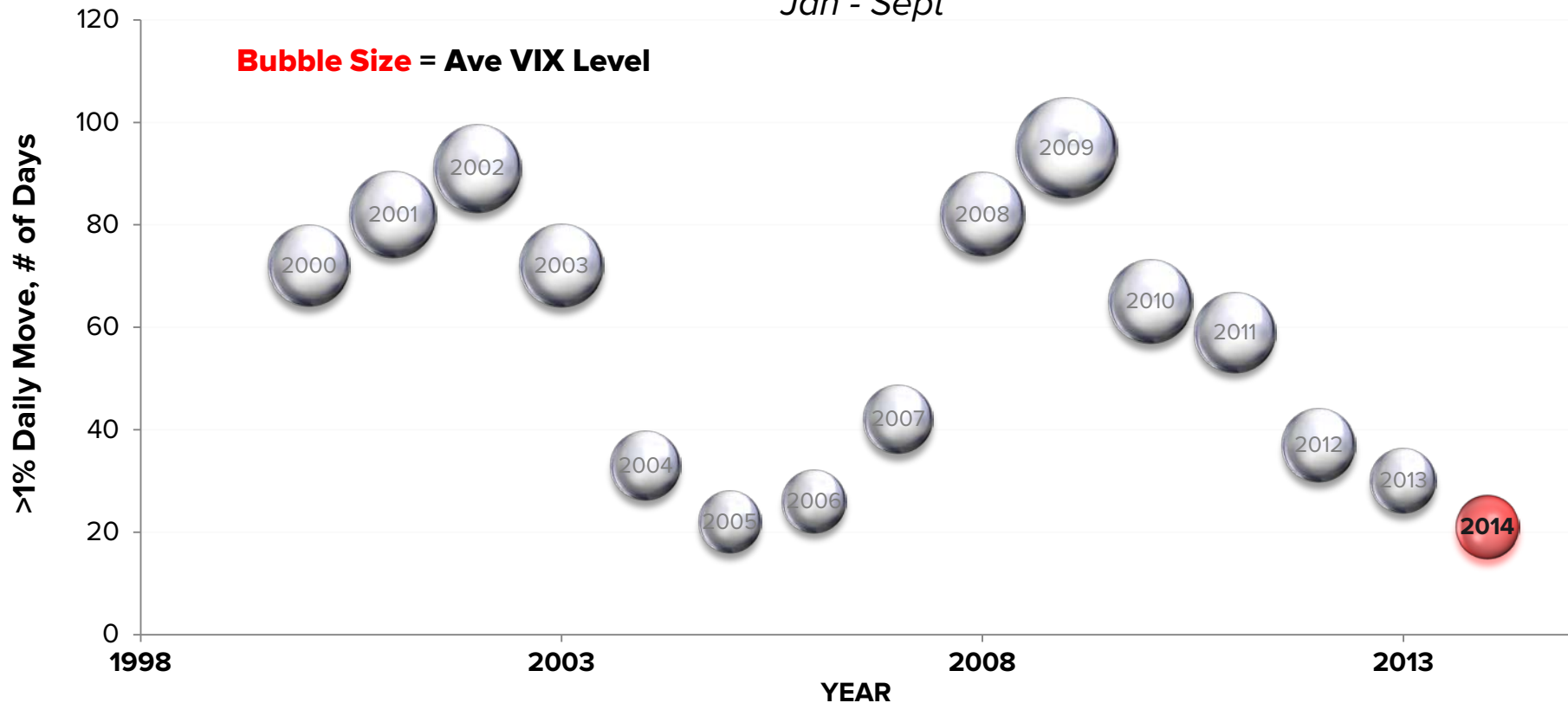


# COMPLACENCY

## SPX: NUMBER OF DAYS WITH >1% MOVE

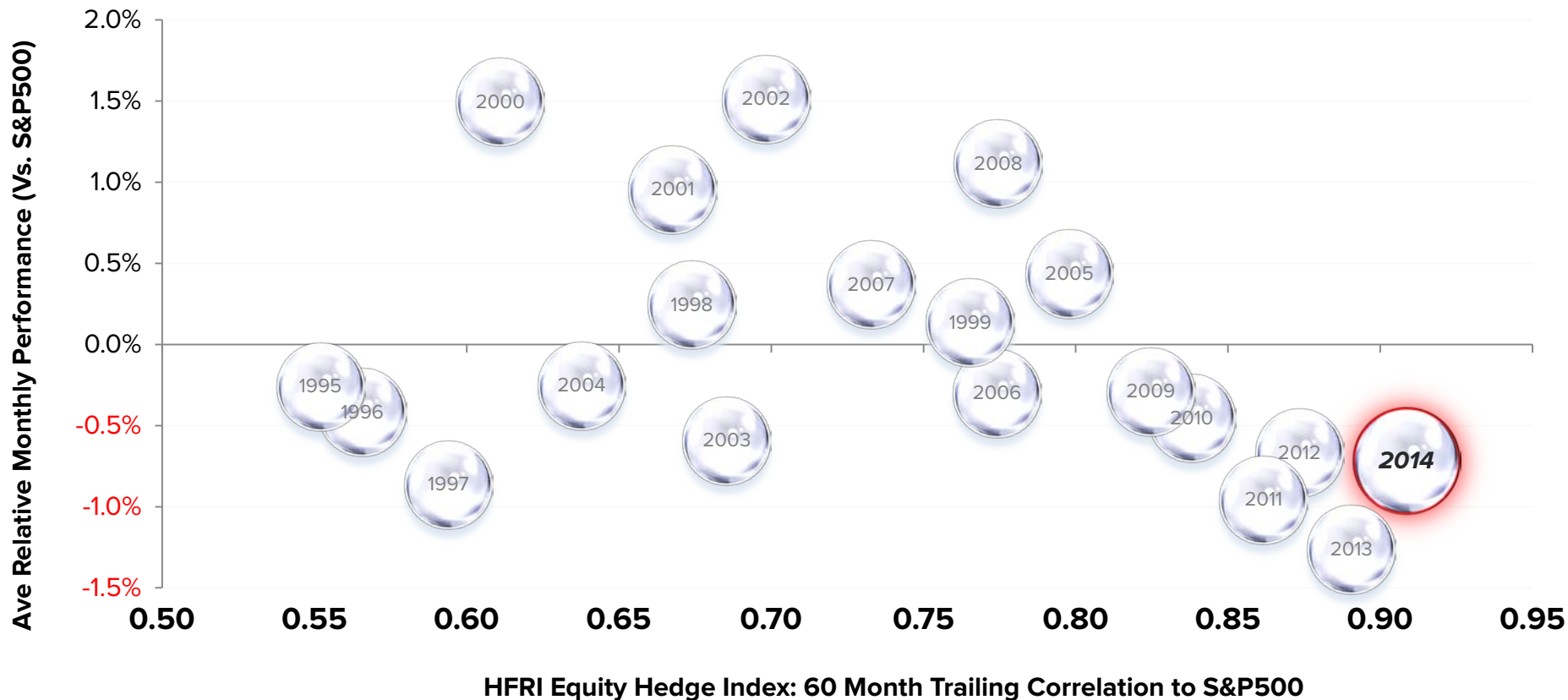
*Jan - Sept*

**Bubble Size = Ave VIX Level**



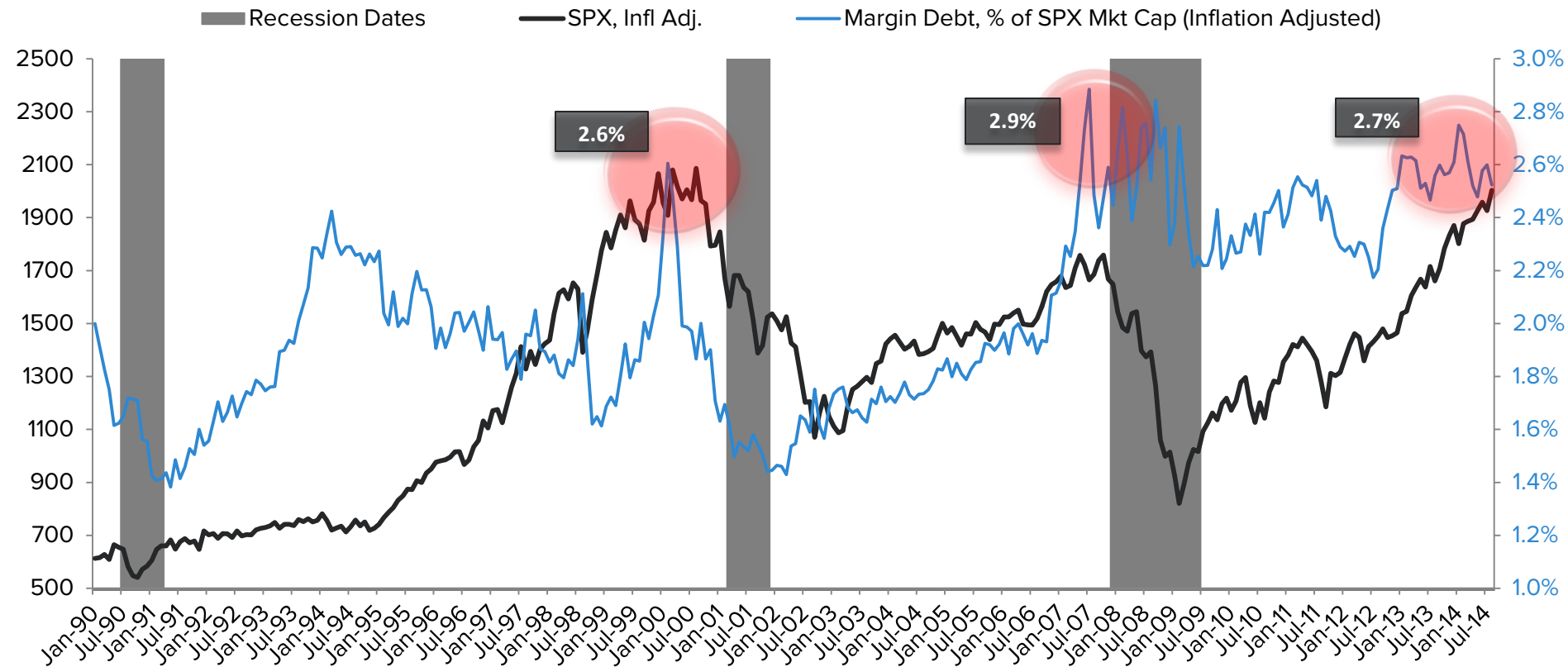
# LEVERED BETA CHASING

**Hedge Fund Correlation to S&P500 and Ave. Relative Performance**



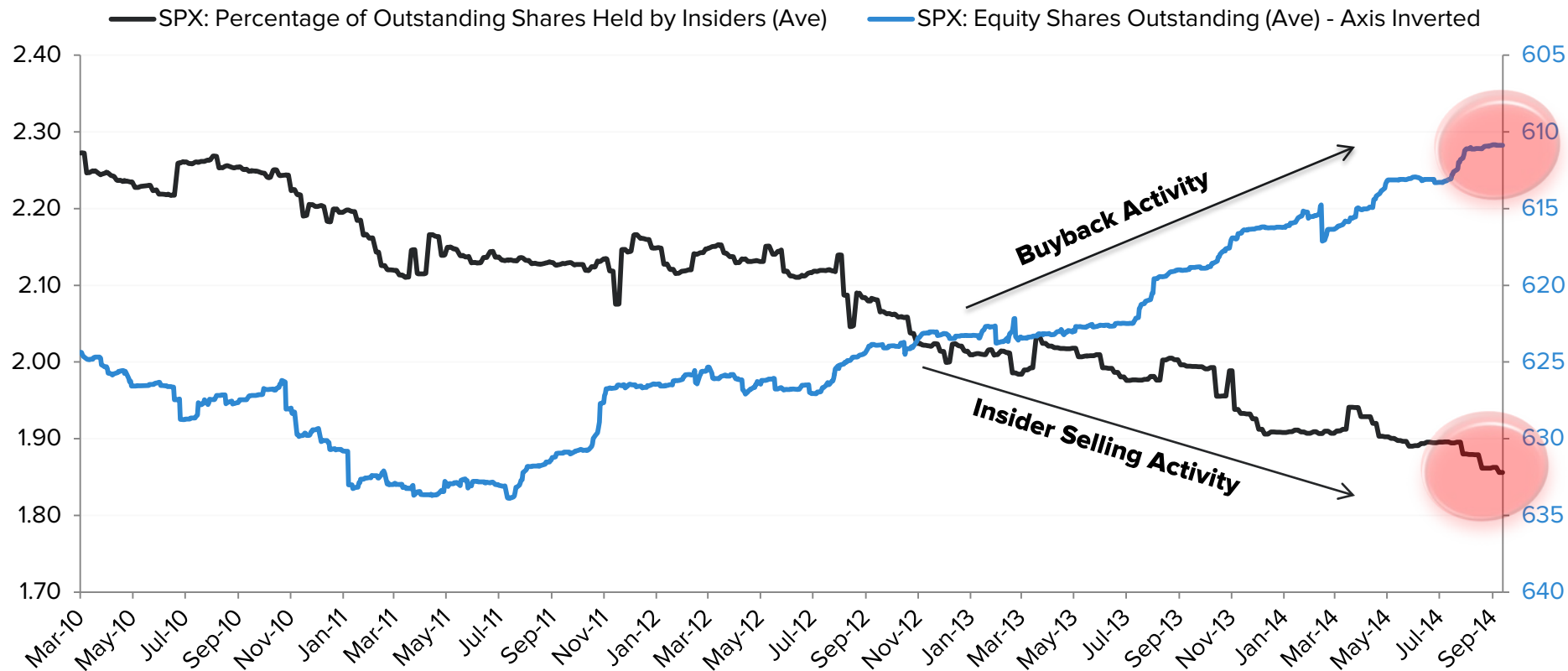
# LEVERAGED SPECULATION

## NYSE MARGIN DEBT



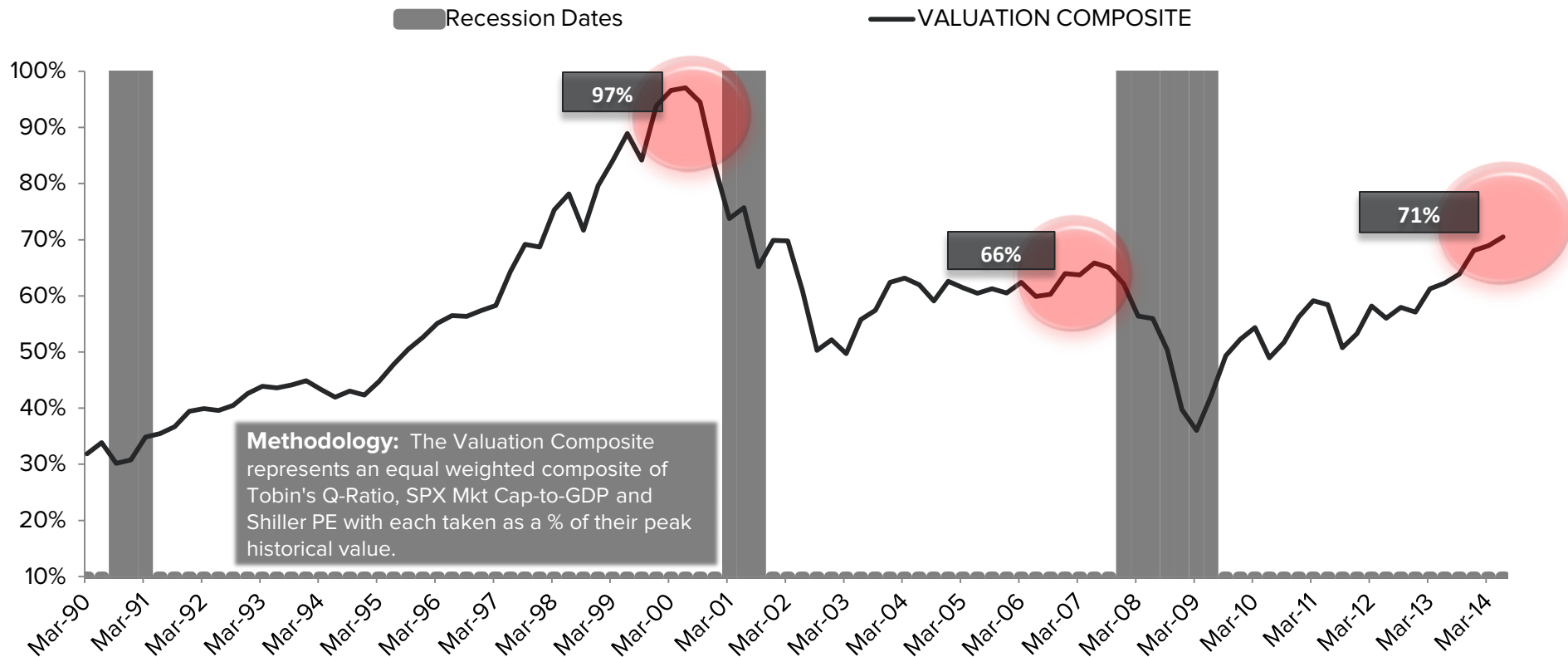
# MALFEASANCE?

## INSIDERS SELLING AS BUYBACKS HIT RECORD



# MARKET VALUATION

## PRICE PAID > VALUE RECEIVED

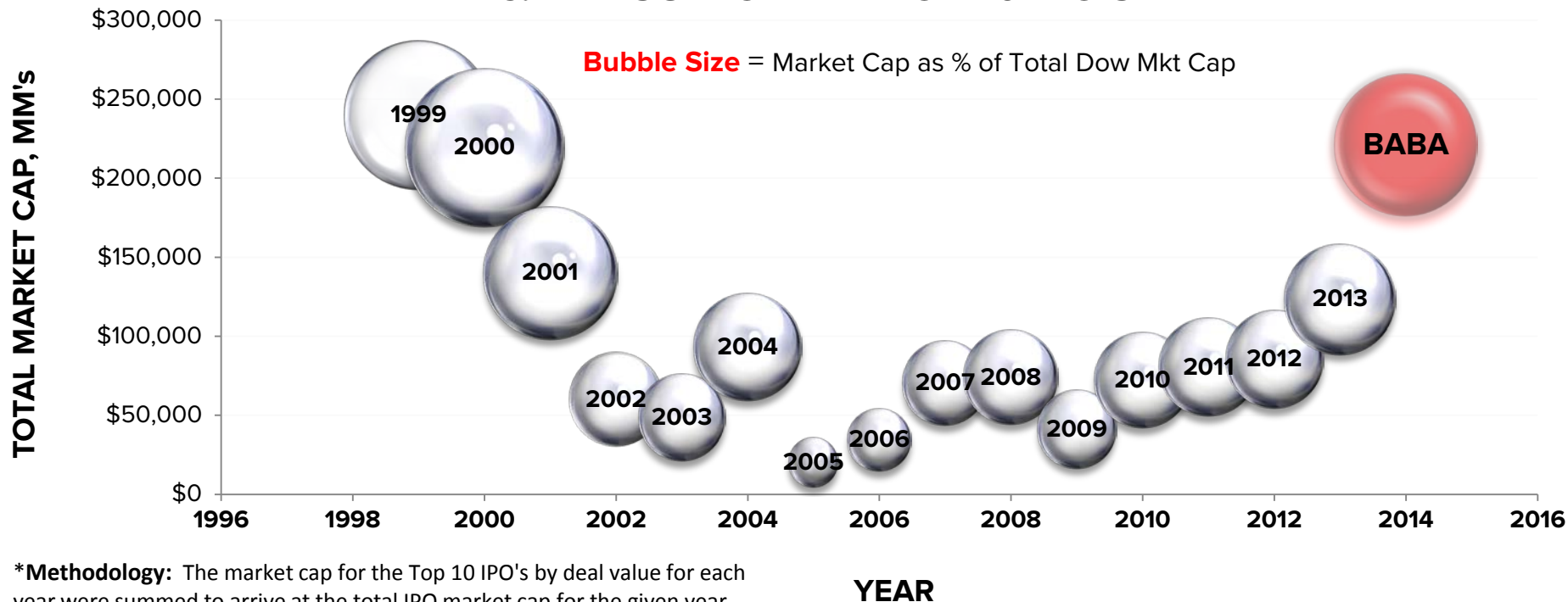




# IPO MARKET CAP

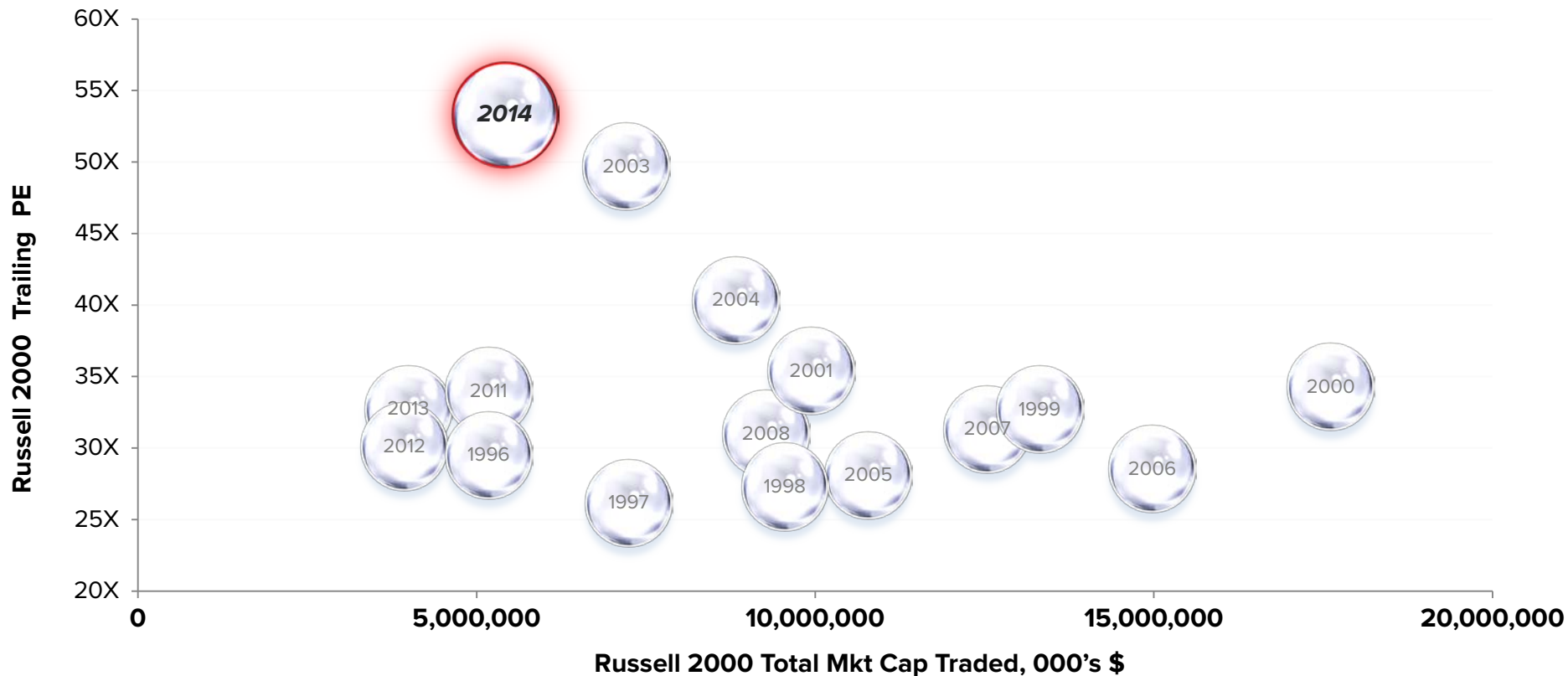
## NO EARNINGS, NO LIQUIDITY, NO PROBLEM!

### BABA vs. THE SUM OF THE TOP 10 IPO'S BY YEAR\*



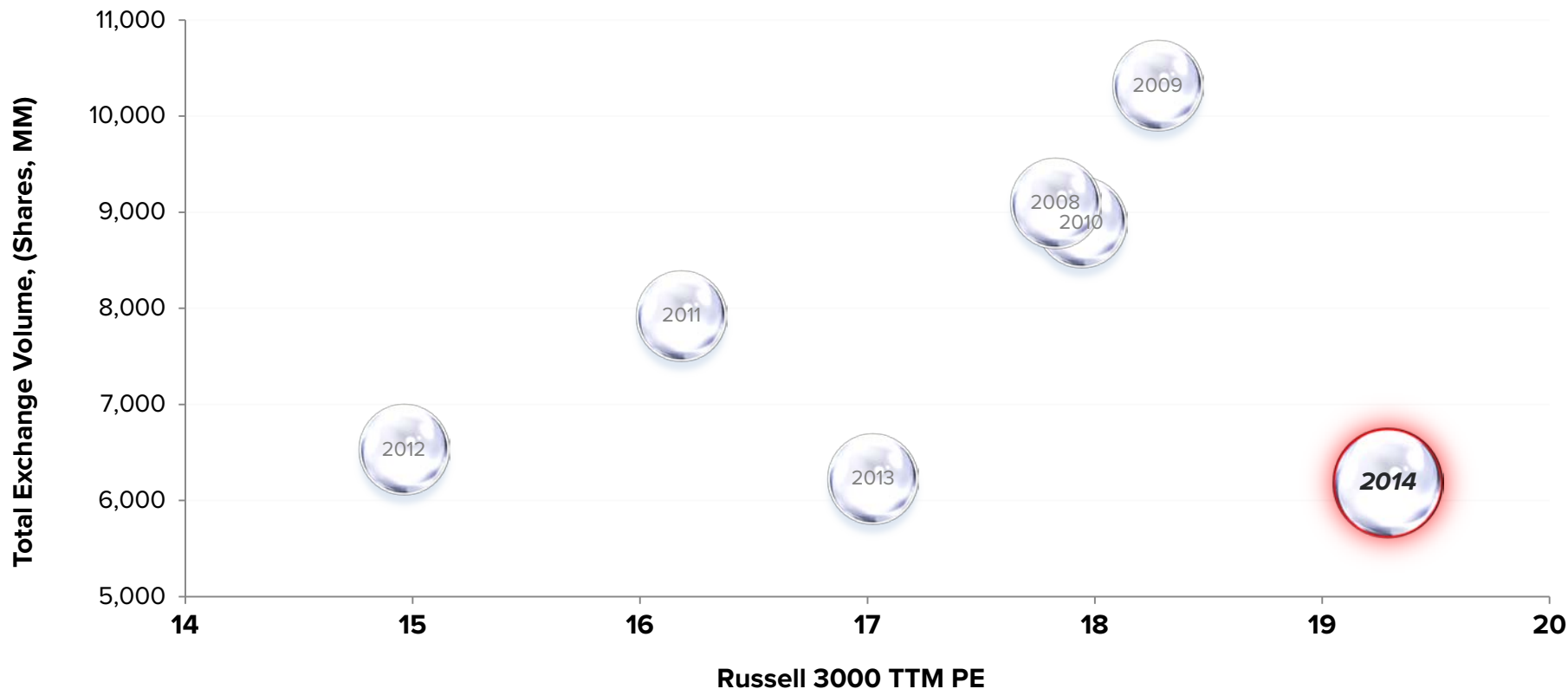
# SMALL CAP ILLIQUIDITY

**PEAK VALUATION + NO TURNOVER = WINDOW DOWN**



# BROADER MARKET LOOKS THE SAME

.....EXPENSIVE & ILLIQUID

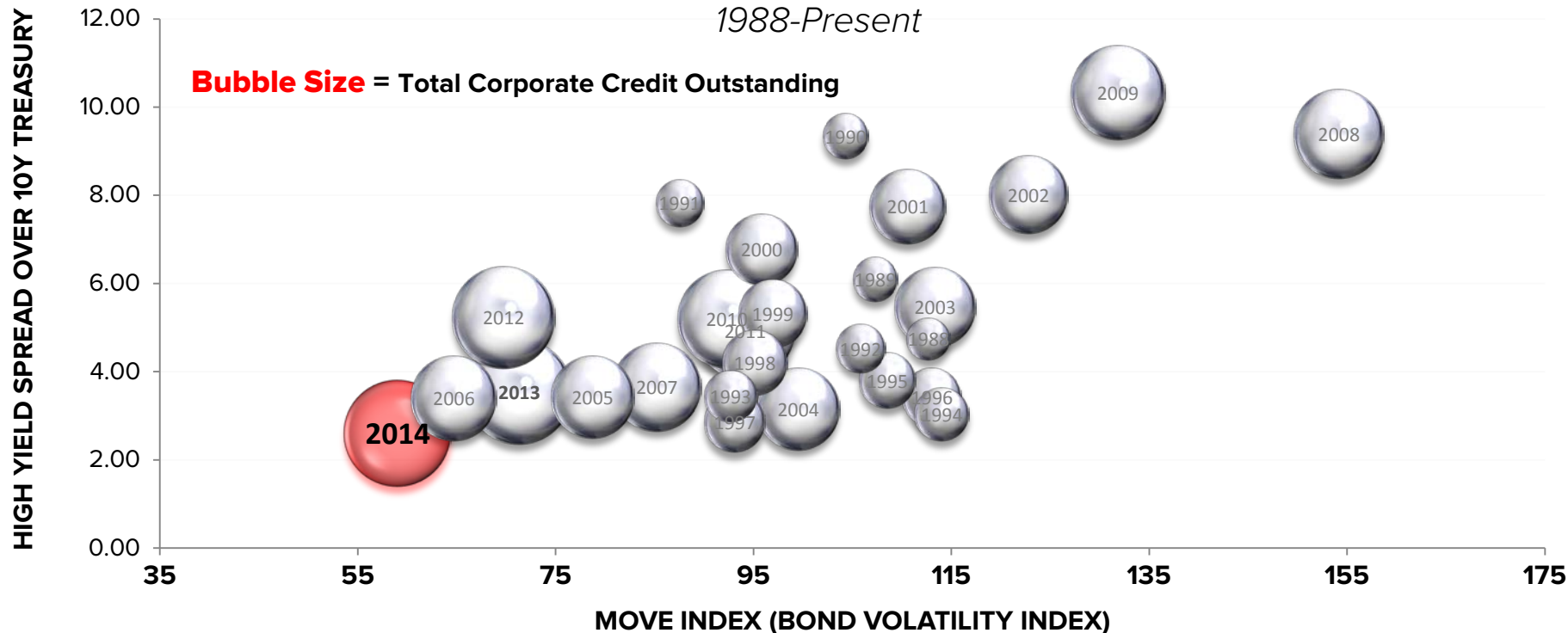


# SPREAD RISK

ALL-TIME LOW IN SPREADS + ALL-TIME LOW IN VOLATILITY + ALL-TIME HIGH IN DEBT OUTSTANDING

## CORPORATE SPREAD RISK

1988-Present



# INVESTMENT CONCLUSIONS

## LONGS

- Long-term Treasuries (TLT)
- Muni Bonds (MUB)
- Healthcare (XLV)
- Consumer Staples (XLP)
- Mega Caps (OEF)
  
- HCA Holdings Inc. (HCA)
  - Analyst: Tom Tobin
- Legg Mason (LM)
  - Analyst: Jonathan Casteleyn, CFA, CMT

## SHORTS

- Russell 2000 (IWM)
- Regional Banks (KRE)
- Housing (ITB)
- France (EWQ)
- Emerging Markets (VWO)
  
- Yelp Inc. (YELP)
  - Analyst: Hesham Shaaban, CFA
- Vanguard Natural Resources (VNR)
  - Analyst: Kevin Kaiser

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**203.562.6500**