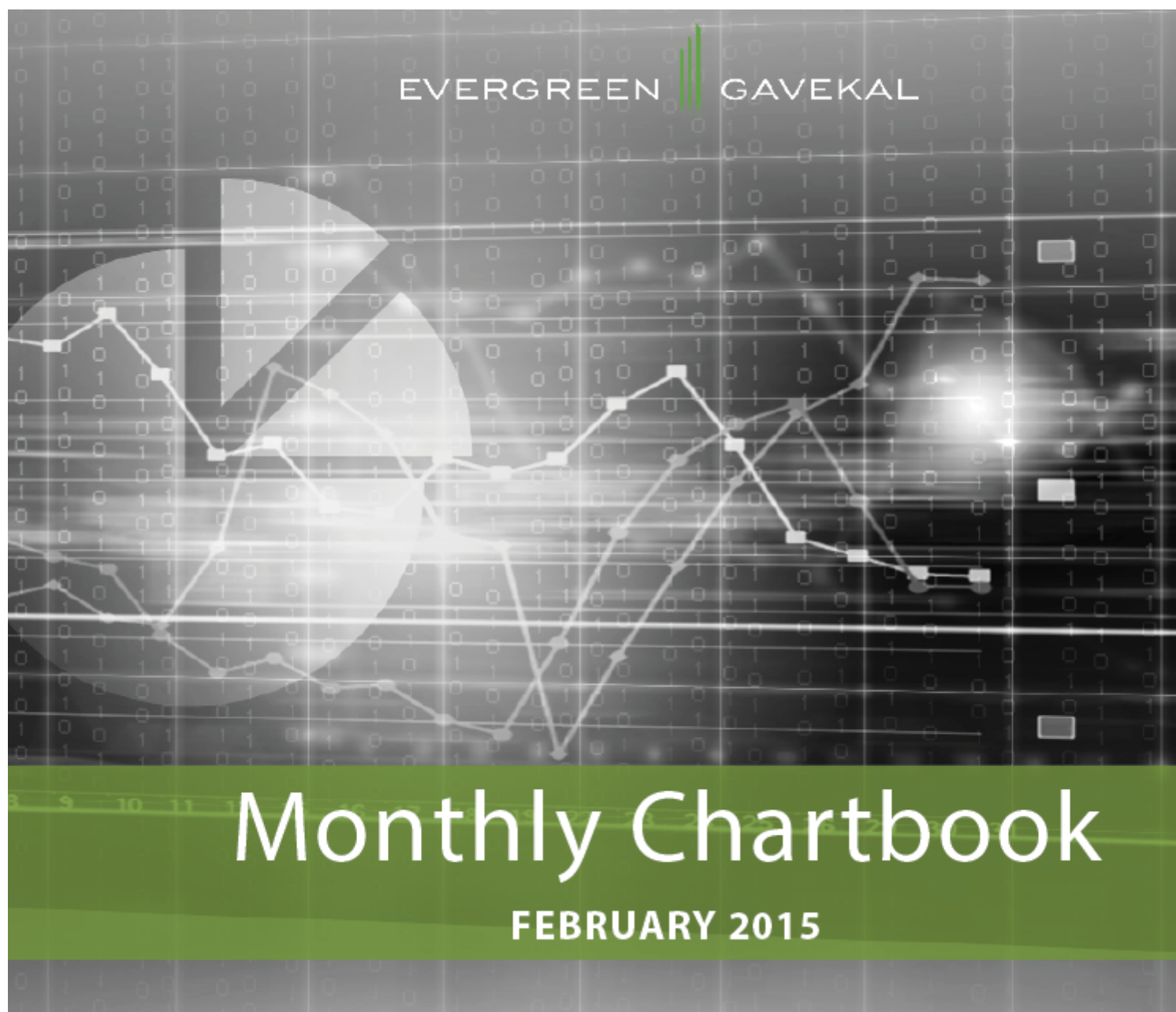


February 27, 2015



Monthly Chartbook

MONTHLY CHARTBOOK / FEBRUARY 2015

BY DAVID HAY

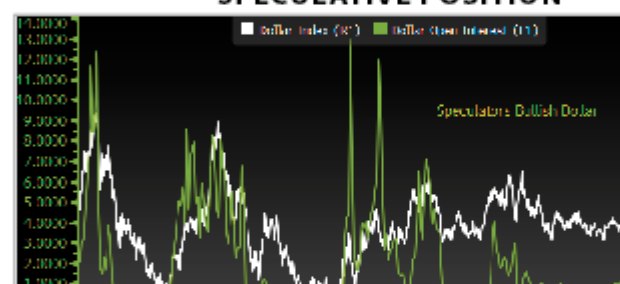
A doozy of a do-over? For those of us who, in recent years, have been too skeptical about the US market's ability to continue its astounding ascent, we may have been granted a mulligan. I certainly include myself in the overly cautious category, at least since 2012. But in 2010 and 2011, when international investing was all the rage, this newsletter consistently suggested that US stocks were a better value. And, as you can see below, that most definitely has been the case.

NEXT ALLOCATION MOVE IS LIKELY GLOBAL



evaluate our Canadian bond holdings in the loonie rather than the greenback! But, since almost all of Evergreen's clients pay in bucks, I don't think that's fair. The dollar, though, is ripe for a counter-trend reaction based on the rapidly bullish move toward our once-shunned currency.

TRADE WEIGHTED DOLLAR AND NET SPECULATIVE POSITION



Monthly Chartbook

MONTHLY CHARTBOOK / FEB

BY DAVID HAY

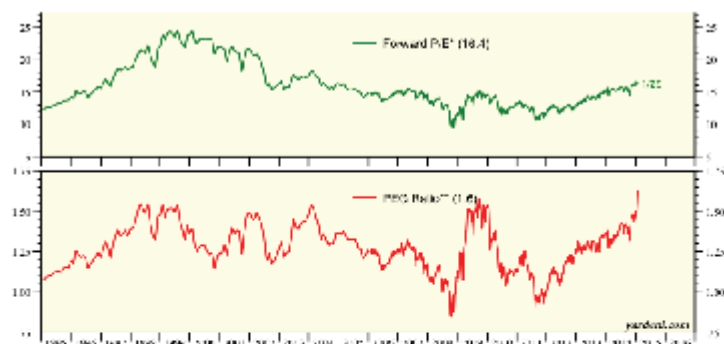
PEG-asus rising...and rising...and rising. The standard valuation measure for stocks is, of course, the P/E ratio. But like a lot of *shortcuts* to determine if a security is cheap or dear, it has some *shortcomings*. Beyond the issue of the profit margin cycle, as we so often cover in these pages, there is also the aspect of comparing the P/E to the underlying growth rate.

For example, if a company is growing at 10% (which few companies are doing these days) and its PE is 15, the PE-to-growth-rate, or PEG, is 1.5. Yet, if another company, also selling at a P/E of 15, is in a much faster growth stage and can realistically be expected to continue growing at 15%, its PEG is just 1. Naturally, for individual companies there are a lot of misses when

it comes to projected long-term profit growth rates. For overall, though, it's a more predictable process. On the other hand, the esteemed Ed Yardeni, the S&P 500 is more generous than it ever has been.

Frankly, this might still be too charitable, as this analysis is based on some highly optimistic five-year earnings forecasts. In reality, the reality is similar euphoria has been the case in the past, particularly after years of swelling profits.

S&P 500 VALUATION



*Price divided by 12-month forward consensus expected operating earnings per share

**P/E relative to consensus 5-year LTEG forecast

Source: Thompson Reuters I/B/E/S



The mythological Pegasus

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MONTHLY CHARTBOOK / FEB

BY DAVID HAY

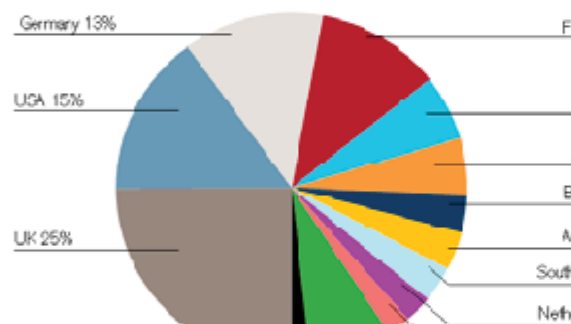
A tad over-cooked? The US is unquestionably home to a disproportionately large number of our planet's most profitable companies. Yet, per the chart below, the fact that America generates 22% of global GDP but represents close to 38% of total stock market value, might indicate that our profitability advantage is perhaps overly priced in.

US MARKET CAP AND GDP RELATIVE TO THE WORLD



It's also interesting to look back to the allocations at the end of the 20th Century. Clearly, being the big winner in two world wars as well as having the world's most dynamic economy benefited America's stock market (conversely, Germany and the UK have all seen their relative market caps contract to 2.9%, 3.0%, 5.7%, respectively).

RELATIVE SIZES OF WORLD STOCK MARKET END-1899



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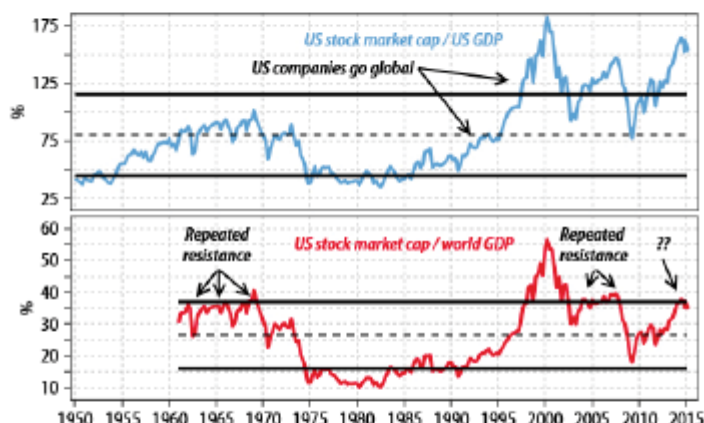
MONTHLY CHARTBOOK / FEB

BY DAVID HAY

GaveKal's talented Will Denyer, who was prominently highlighted in the issue of *Barron's* ([click here](#) to read), recently published an intriguing chart, shown below, in a similar vein.

However, excluding the absurd stock bubble of the late 1990s, the US market is priced at levels where it has hit the wall accurately, ceiling—in the past.

BUMPING UP AGAINST THE CEILINGS



Source: GaveKal Data, Macrobond

The upper chart is the standard way of looking at market cap compared to GDP. On this basis, which we've run several times, US stocks appear in the extreme danger zone. Will's version is the second chart which compares US market cap to global GDP. This is possibly more accurate based on the fact that the S&P 500 generates about 40% of revenues from abroad. Obviously, Will's iteration is less alarming.

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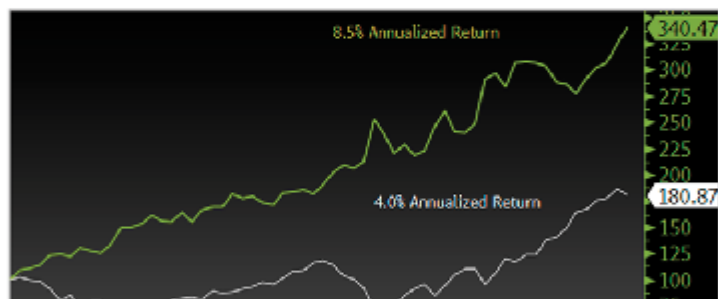
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BY DAVID HAY

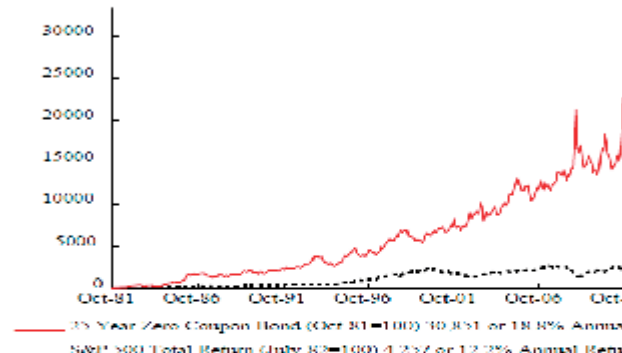
Bonds for the long run? It would have been swell to have anticipated that US equities would soar to such dangerous levels so soon after the cataclysmic decline at the end of the past decade—not to mention the one that kicked it off. But, remember, the S&P still has returned a mere 4% annually since this millennium began, versus 8.5% per annum an investor would have earned with a 30-year Treasury bond purchased at the start of 2000.

30-YEAR TREASURY AND S&P 500 TOTAL RETURN NORMALIZED 12/31/1999



the past thirty years. If you smell a trap, you've got the bloodhound!

COMPARATIVE STOCK AND BOND PERFORMANCE



Source: Bianca Research LLC, Haver Analytics

A long-term zero-coupon treasury has returned more than 10% annually since the early 1980s, a stunning 7% more per year than the S&P 500. This is a significant outperformance.

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BY DAVID HAY

Relatively speaking. Regular EVA readers are well aware that Evergreen is not exactly bullish on Europe's long-term prospects, at least while that incongruous creation known as the euro continues to be the sole currency for most of the Continent. However, when we look at a chart like the one below, we have to admit that eurozone stocks may be priced to out-perform the US over the next three to five years.

US STOCKS AT 60-YEAR HIGHS VS. EUROPE (USD)

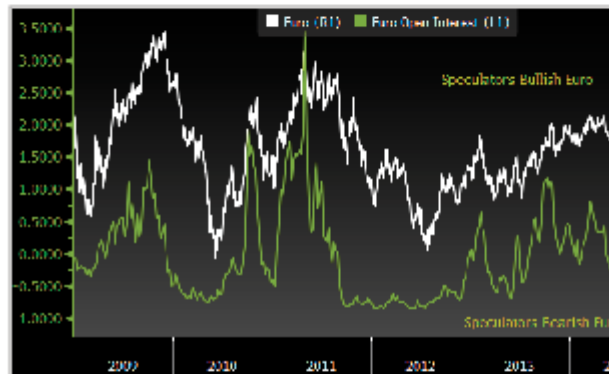


Source: BofA Merrill Lynch, Bloomberg, GFD

The feverish bearishness on the euro is nearly the exact inverse of the hyper-bullishness on the buck. This causes us to wonder if the euro isn't poised for a rally, despite its intrinsic flaws. If

so, this would add to any stock-driven returns from issues, rather than detracting from them as has been the case in recent years.

EURO/DOLLAR EXCHANGE RATE AND SPECULATIVE POSITION



Source: Bloomberg, Evergreen Gavekal

Japan is another leading economy that has been in an endless lag position versus the US, and the same is true in its equity market. What was the most expensive market in the world up to the mid-1990s is now one of the cheapest. As you can see from the charts on the next page, this is true on both a price-to-book value basis

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BY DAVID HAY

JAPAN 12M FORWARD P/E

MSCI IMI (large, mid & small cap) index



Source: Gavekal Data/Macrobond

JAPAN MARKET PRICE TO BOOK VALUE

Japan MSCI (mid and large cap), price to book value; vs LT mean and std. deviation



Also, the yen has fallen much further than the dollar, and sentiment is extremely hostile toward Japan. Accordingly, with almost everyone all bulled up on the dollar and ferociously bearish on the euro and the yen, it's quite possible that the US dollar is on the verge of a sharp correction.

DOLLAR/YEN EXCHANGE RATE AND SPECULATIVE POSITION



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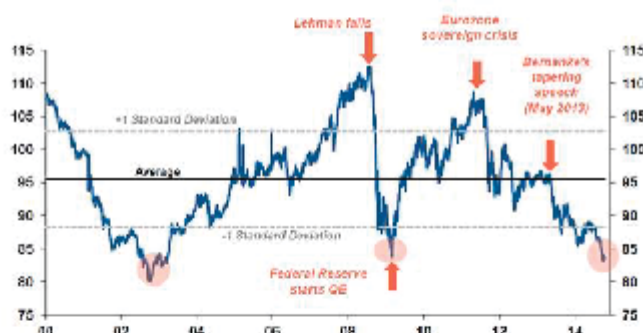
MONTHLY CHARTBOOK / FEB

BY DAVID HAY

Are the submerged set to emerge? There is no asset class as detested right now—outside of those commodity-related—than emerging markets. Our preference from the equity angle is to play these primarily in Asia but developing bond markets are looking almost irresistibly cheap, at least in their own currencies.

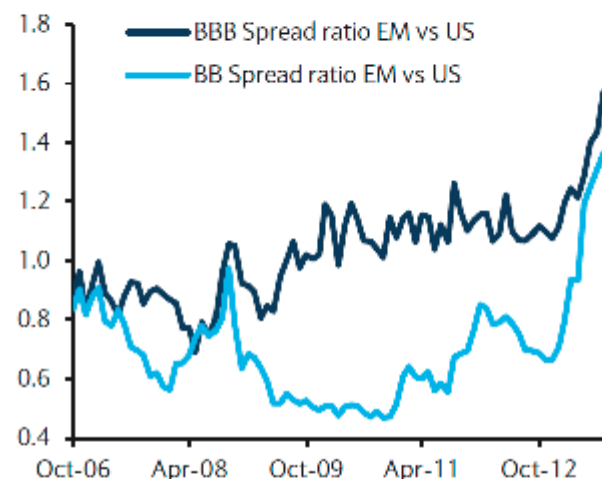
EMERGING CURRENCIES BACK TO 2003/2009 LOWS: A GLOBAL VIEW

■ Basket of EM currencies: already back to very low levels against the US Dollar



Source: JPM Index of Emerging Currencies

THE EMERGING MARKET/DEVELOPED MARKET SPREAD RATIO IS BACK AT ITS HISTORICAL



Source: Barclay's Research

After selling out of our local currency emerging market last summer, we are seriously considering a return to closed-end funds dedicated to these bonds (most of which are selling at material discounts to their underlying net asset value, which also have been seriously punished).

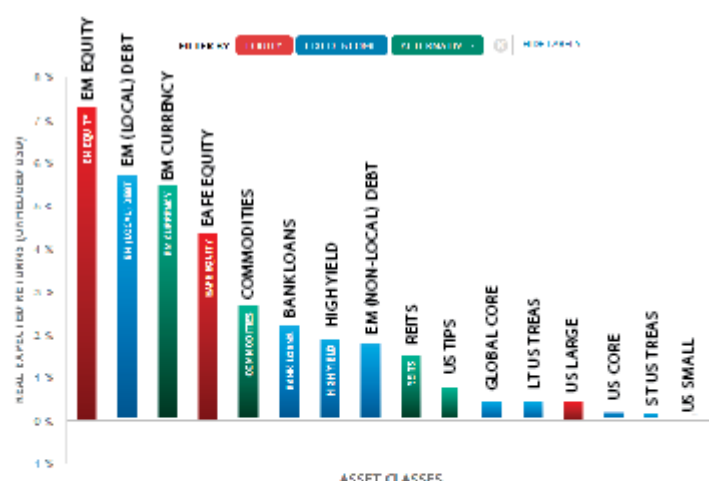
Monthly Chartbook

MONTHLY CHARTBOOK / FEBRUARY

BY DAVID HAY

Same song, different key. To conclude my section of this month's Chartbook, I thought I'd run a twist on a graphic I've used several times in the past. EVA readers may recall the tables we've previously included on projected asset class returns over the next seven years from GMO, the Boston-based money management firm with a stellar record in this regard. The following chart comes from the left coast, California-based Research Affiliates, home to one of the smartest men in the investment business, Rob Arnott.

REAL 10-YEAR EXPECTED RETURN



Source: GMO

The above return projections are after inflation, so you'd need to add around 2% to arrive at the nominal number. Thus, the cap stocks are forecasted by Research Affiliates to provide a 3% annually before inflation. This is slightly more optimistic than GMO (though their timeframe was shorter) but still above what you can get even with a 10-year treasury. If both of these firms are right, as Evergreen believes, you need to go offshore, particularly into areas like Asia, for returns that justify the downside.

Otherwise, investors are back to accepting returns that are a bad bargain they've settled for twice in the last 15 years. We got this nagging feeling we're headed for a three-peak

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MONTHLY CHARTBOOK EVA / FEBRUARY

BY JEFF DICKS & JEFF EULBERG

2014 S&P 500 SALES AND EARNINGS GROWTH

Sector (GICS)	Reported	Sales Growth	Earnings Growth
11) All Securities	461/500	2.45%	6.36%
12) > Energy	38/43	-4.42%	-1.74%
13) > Materials	29/29	1.34%	7.70%
14) > Industrials	64/64	2.36%	7.42%
15) > Consumer Discretionary	66/84	4.65%	2.28%
16) > Consumer Staples	37/39	2.13%	2.14%
17) > Health Care	53/56	8.48%	14.23%
18) > Financials	83/85	0.02%	4.63%
19) > Information Technology	62/64	4.85%	9.10%
20) > Telecommunication Services	6/6	3.68%	20.57%
21) > Utilities	23/30	6.74%	7.23%

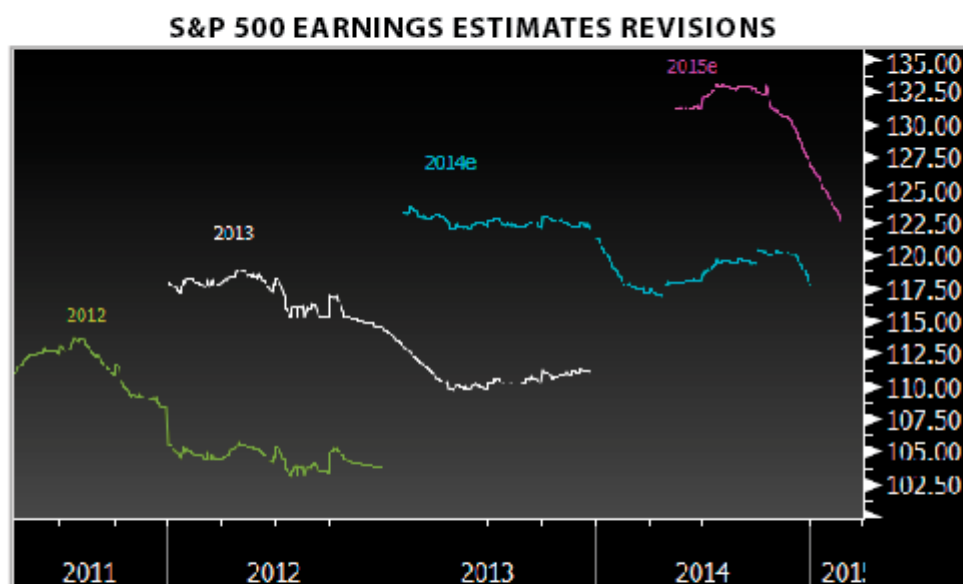
Source: Bloomberg

Given that 90% of the S&P 500 has reported fourth quarter earnings, we thought it would be a good time to reflect on both the fourth quarter earnings period, as well as the overall performance of the reports. Due to the catastrophic drop in the price of oil over the last six months, most companies obviously experienced a significant headwind in 2014. However, as the chart on the left shows, outside of the health care and telecom sectors, most industries still showed meaningful growth in earnings. As of now, reports show that sales and earnings grew 6.4% in 2014. Overall, these are pretty mediocre numbers, and they're even worse when taking sales growth into account. While energy was a big reason for disappointing results, strategists warn that these numbers don't warrant concern.

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BY JEFF DICKS & JEFF EULBERG



Source: Bloomberg, Evergreen GaveKal

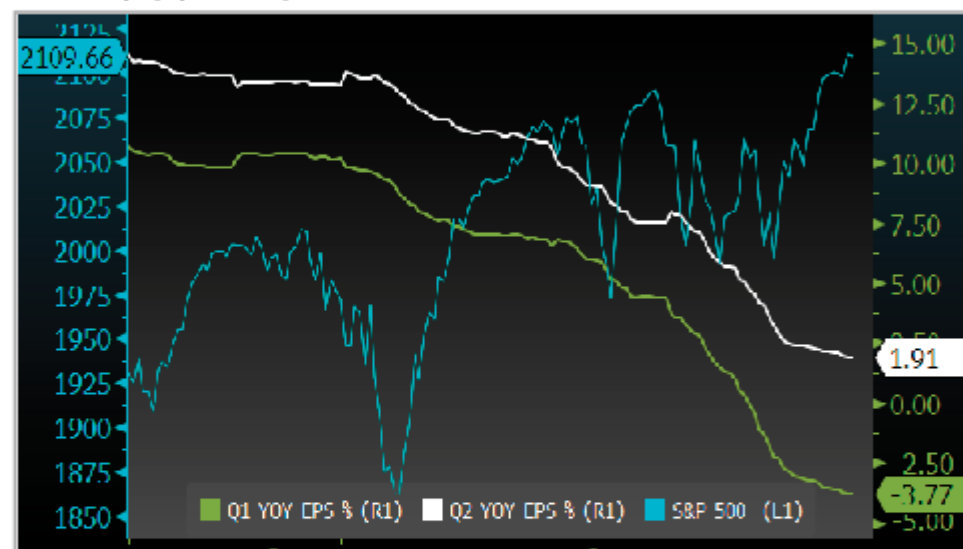
Market participants often shrug off disappointing results because expectations have steadily decreased throughout the year. Once the companies finally report, they're in line with expectations. For example, earnings were expected to grow over 10% at the start of 2014, and despite dramatic revisions, missing the mark at 6.4%, two-thirds of companies ended up beating their projections. The chart on the left shows the progression of earnings estimates over the last 12 months, as well as the expectation for 2015. Earnings expectations have been seen as more than expected, and as the market continues to rise, valuations were further stretched. It's interesting to note, in 2012, earnings expectations for 2013 were within 5% of the current estimate for 2015. Despite missing these projections, the market rose by over 50%. While market appreciation definitely surprised us, the lackluster growth has been exactly what we expected. This has been the weakest economic recovery on record, and as John Maynard Keynes said, "There is nothing so disastrous as a government investment policy in an irrational world."

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BY JEFF DICKS & JEFF EULBERG

S&P 500, Q1, AND Q2 YEAR-OVER-YEAR (YOY) GROWTH FORECASTS



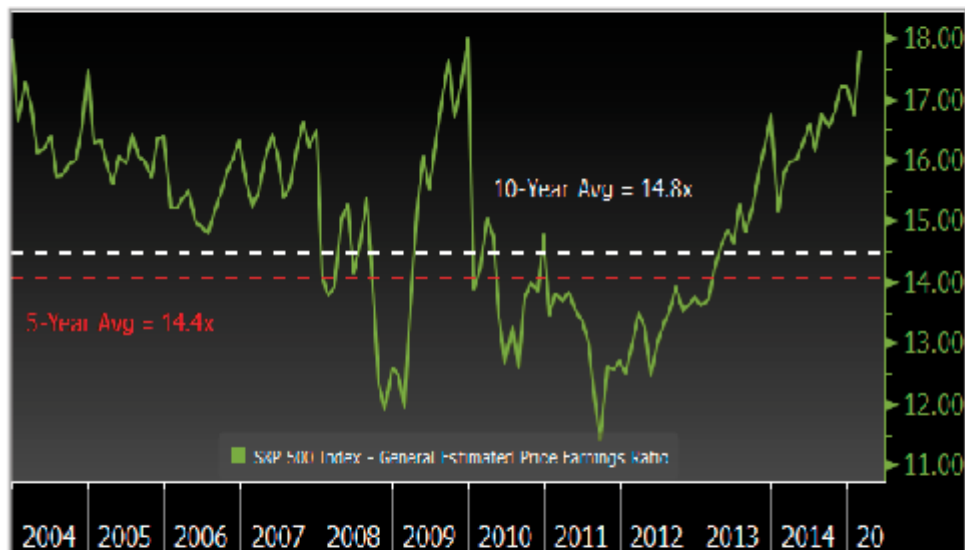
Worse yet, the report's outlook called for, similar to the previous lowered expectations. The main driver for lowered company guidance was a stronger dollar and lower oil prices. The trade-weighted dollar is up over 10% since last June, with oil plunging by over 50% in that same timeframe. And with only half of the S&P 500's earnings coming from outside the US, a stronger dollar creates a viciously competitive environment for multi-nationals. The plunge in oil has obviously been a huge drag on the energy sector, which makes up 12% of the S&P 500. In fact, as the chart shows, Q1 year (YoY) growth expectations for 2015 fell from 10% and 12% in 2014.

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BY JEFF DICKS & JEFF EULBERG

S&P 500 FORWARD PRICE-TO-EARNINGS RATIO



Source: Bloomberg, Evergreen GaveKal

The previously illustrated combination of rising profit forecasts and rising stock prices has led to a significant expansion of the forward price-to-earnings multiple (i.e. how much investors are willing to pay for next year's earnings). In the past 18 months, we've seen numerous valuation metrics reach all-time highs, making US stocks the second most expensive in history. Over this time period, the forward price-to-earnings ratio has been a metric that market bulls routinely have had their hats on—because it was only slightly above long-term averages—was the forward price-to-earnings ratio. After reviewing the current record of forward earnings estimates, one has to wonder why this metric has received so much attention. Nonetheless, as the chart to the left shows, the current forward price-to-earnings ratio for the S&P 500 is closing in on its 2007 peak and is significantly above its five- and 10-year averages. Today, bulls are left proclaiming that earnings will recover but, as we'll discuss below, we have our doubts.

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BY JEFF DICKS & JEFF EULBERG

S&P 500 AND FORWARD 12-MONTH EPS ESTIMATE

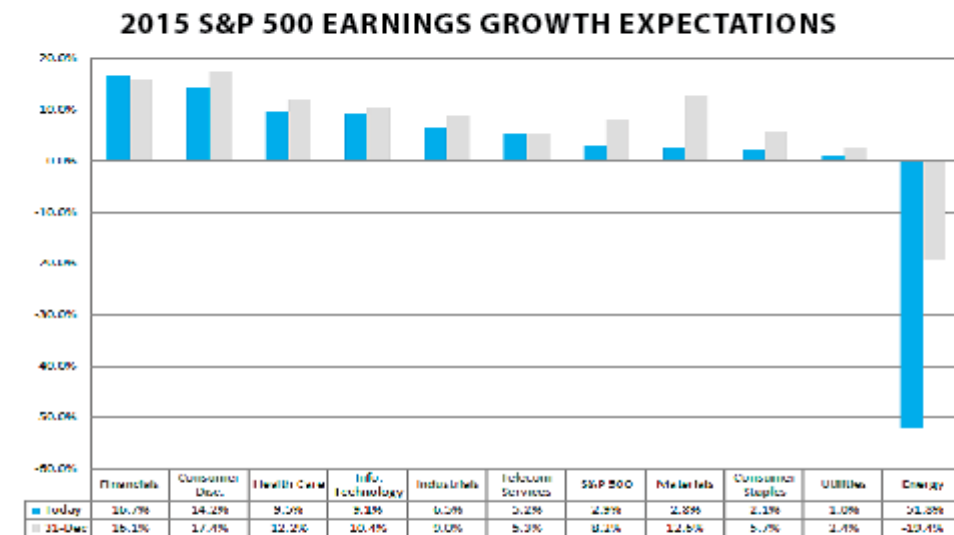


Historically, there has been a tight correlation between forward earnings estimates and stock prices. As illustrated to the left, periods of either flat, or falling earnings estimates have corresponded to weakness for US stocks. As we've discussed, we've seen earnings estimates for 2015 plummet, while stock prices continue to rally. We'll admit that a recovery in profits is possible, but that US companies have glided on a recovery reversing in extraordinary fashion. Earnings, which are currently at an all-time high, will soon see wage pressure, which has been non-existent in this recovery. The Federal Reserve, which has been following a historically dovish policy, has already begun its quantitative easing program and may raise interest rates at some point in the next 12 months. Doing so will not only

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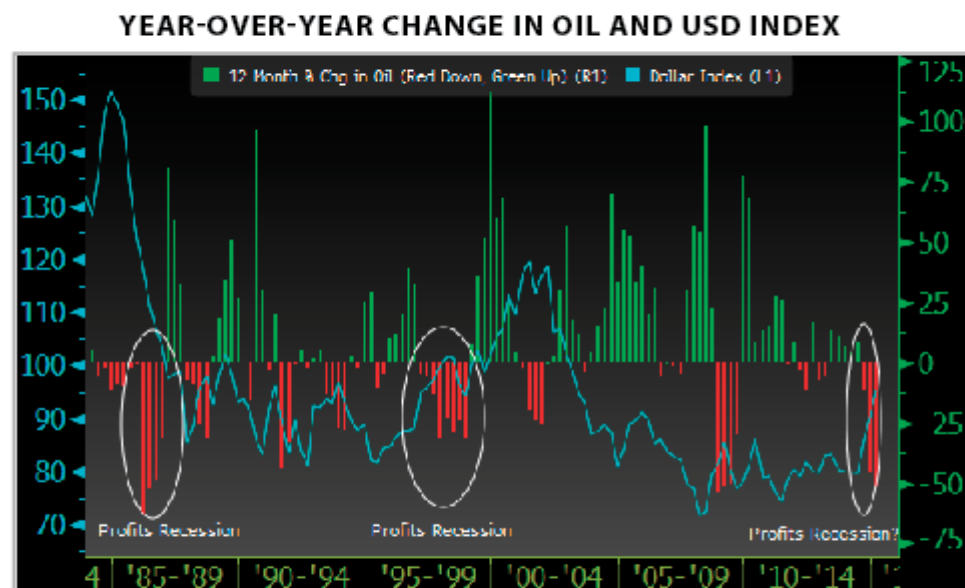
BY JEFF DICKS & JEFF EULBERG



Source: Bloomberg, Evergreen GaveKal

As previously mentioned, a big part of the decline in S&P 500 earnings is related to the drop in oil. Obviously, lower oil prices hurt energy companies' profitability, and the energy sector makes up 12% of the S&P 500. As you can clearly see from this chart, earnings growth expectations for the energy sector are expected to plummet by 50% in 2015, which has already grown by 50% in 2014. This is an expected 20% decline to start the year. However, it's important to note that this is not the case with the exception of financials, which have been downgraded over the last few months. As noted earlier, 2014 only turned out to be a decent earnings year thanks to the explosion in telecom and healthcare. While consumer-related companies should benefit from lower gas prices, many others will likely find the fallout from the oil price drop, a stronger dollar, and other economic pressures, to be more challenging than expected.

BY JEFF DICKS & JEFF EULBERG



Source: Bloomberg, Evergreen GaveKal

Overall, we think there is a potential for an earnings recession. We will see an earnings recession (Refresher: an earnings recession is a period of straight falling quarters of corporate profits during a period where GDP is growing). The chart on the left shows the times we've seen a profits recession as well as the 12-month change in oil prices. It is clear that a large drop in oil has occurred during both instances. Additionally, we can see an overlay of the US dollar index. The strength in the greenback throughout the mid-90s contributed to this. For the profit recession in the 80s, the cause was a Fed tightening cycle. However, though, we are facing a large drop in oil prices, a stronger dollar, and a Fed preparing to tighten. Basically, it's shaping up to be a perfect storm for further downward pressure on 2015 earnings. This is clearly not priced in given the climb in both oil prices and valuation metrics.

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