# Capital Market Review

# Third Quarter, 2013

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### <u>Summary</u>

No major changes to the U.S. economy. Gradual and slow improvement. Business is extremely profitable. On average, consumer is treading water (stagnant wage growth). Fed decided not to reduce its bond purchases in an attempt to maintain low interest rates (surprised the bond/stock markets with decision). Given new budget/debt ceiling debate in January/February as well as new FED chairwoman, we do not see any tapering until late in the first quarter of 2014 at the earliest. Allows bond investors to consider re-positioning portfolios for higher interest rates.

Biggest economic risk, to us, is the inability of the government to develop a long-term policy. Flirting with debt ceilings limits and closing the government is dangerous as there is a risk they may go too far.

During the third quarter, stock markets, worldwide, rallied. Bond returns were positive due to the delay in tapering and uncertainty during the government shutdown. However, interest rates, across the yield curve are substantially higher than one year ago and will likely continue to increase.



#### **Economic Conditions**

For over a year, the Federal Reserve has made significant monthly purchases of long-term U.S. Treasury and mortgage-backed bonds. The goal of this program, known as quantitative easing, is to keep long-term interest rates low, thereby encouraging longer-term investments (business capital expenditures and residential housing purchases). However, by doing this, the FED is distorting the normal interest rate setting process.

As U.S. economic conditions improve, many thought the FED would begin to reduce (not stop) its bond purchases at its September meeting. As this possibility became better known, the bond market sold off – raising interest rates across the yield curve.

Clearly surprising the bond market at the September meeting, the FED decided not to reduce its purchases and the bond market rallied. The FED apparently felt that the labor market was still too weak, higher interest rates would impede the housing sector recovery, and a concern about the impending budget and debt ceiling challenges and the effect it would have on the economy.

In early October, the president announced Janet Yellen as his nominee to chair the Federal Reserve (for the departing Ben Bernanke). Ms. Yellen is widely regarded as a strong advocate of the current FED policy. Under Ms. Yellen's leadership, most believe that current policy will be maintained for at least a few more months. We agree, partially due to her past policy support, but also as a result of the unknown (as of now) economic impact associated with the government shutdown. In addition, we expect her to remain cautious as there is uncertainty surrounding the next budget/debt ceiling debate that will occur in only a few months (January/February of next year). We believe the most likely scenario is that any tapering has been pushed back to February, 2014 at the earliest.

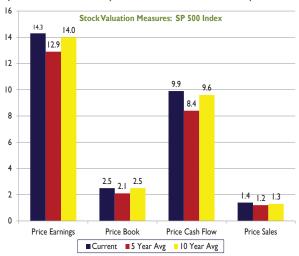
When the FED begins to reduce its buying and/or actually increase short-term interest rates, investors will likely see a significant and quick rise in interest rates. Depending on the magnitude of the interest rate rise, that will likely slow the economy. The key question is whether the bond market will "overshoot" on the interest rate increase and raise the chances of the economy slowing more than desired.

An additional positive surprise during the third quarter is that Europe appears to be moving from recession to a slow recovery. It is still too early to tell if the recovery is sustainable. European stock markets have responded positively.

Most major sectors of the economy (consumer, business, labor, etc.) appear to be slowly but steadily improving. The business sector is particularly profitable. Unemployment has been declining, but wage growth is stagnant. Housing stalled for a month or two when interest rates rose, but appears to have stabilized. We believe housing will continue to gradually improve. All in all, we see no major economic shocks during the next several months. Potential issues could be the rise in interest rates associated with a Fed tapering and the uncertainty associated with budget and debt ceiling debates and associated policy.

#### **Stock Market**

Stock markets, worldwide, had a strong third-quarter lead by the developed international stock return of 11.6%. U. S. stocks returned 6.3%, while emerging market stocks returned 5.0%. Year-to-date, US stocks are up over 21%, developed international stocks up 16.1%,



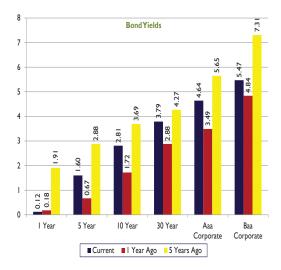
tions and utilities have substantially lagged the market return.

Corporate fundamentals, including record high profits and historically low leverage, point to a healthy corporate landscape. While equity valuations are near long-term averages, that does not mean an impending correction is near. In short, bull markets do not stop at the average. Nevertheless, we believe the "easy" money has been made and future equity return expectations should be moderated. We believe that large-company stocks offer more attractive future return potential (over the next 5 years) vis-à-vis mid and small company stocks.

#### **Bond Market**

Intermediate- and longer-term treasury bond yields have risen substantially compared to last quarter and one year ago. In most maturity segments, bond yields are 1% or sell higher than a year ago. In some respects, the bond market is starting to do the Fed's work for it. Nevertheless, when the Fed decides to make a policy change, it is likely bond yields will continue to rise (negatively affecting bond returns).

The Fed's decision not to taper its bond purchases creates an opportunity for bond investors to make adjustments to their bond portfolios. Generally speaking, bonds do not perform well in rising interest rate environ-



ments. However, certain bond segments may perform better than treasuries. Generally speaking, it may be appropriate for bond investors to consider lowering the average maturity of their portfolio, as well as consider higher-yielding bond sectors such as corporate and/or mortgage-backed bonds.

Stock Returns For Periods Ending September 30, 2013										
	Qtr	<u>Ytd</u>	l Year	3 Year	<u>5 Year</u>			<u>Qtr</u>	<u>I Year</u>	3 Year
Nationality						Develo	ped Country	¥		
U.S. Market	6.3	21.3	21.6	16.8	10.6	U.S.		6.3	21.6	16.8
Developed Intl	11.6	16.1	23.8	8.5	6.4	Canada		8.2	-0. I	0.1
Emerging Market	5.0	-6.4	-1.5	-2.8	4.6					
<u>Size</u>						Europe		13.6	24.2	8.7
Large	6.0	20.8	20.9	16.6	10.5	France		15.3	29.0	3.4
Mid	7.7	24.3	27.9	17.5	13.0	German	у	12.7	22.8	7.5
Small	10.2	27.7	30. I	18.3	11.2	Italy		19.0	15.4	-6.6
Micro	12.2	39.0	36. I	22.8	16.1	United h	Kingdom	11.0	12.7	5.7
<u>Approach</u>						Pacific		8.0	23.3	8.3
Value	4.2	20.7	22.7	16.3	8.9	Australia	a	10.4	7.4	7.9
Core	6.3	21.3	21.6	16.8	10.6	Hong Ko	ong	8.1	10.5	3.5
Growth	8.5	21.8	20.3	17.2	12.2	Japan		6.0	29.4	6.0
Sector						<u>Emergi</u>	ing Market			
Cons Discretionary	7.8	29.1	31.8	24.1	18.8	China		11.5	9.2	-2.7
Cons Staples	0.8	16.1	14.0	15.9	10.9	India		-5.7	-13.7	-12.1
Energy	5.2	15.4	12.3	15.4	6.6	Korea		14.9	3.3	5.2
Finance	2.9	22.9	30.2	13.6	1.7	Czech Republic		13.3	-17.5	-11.1
Healthcare	6.8	28.5	28.5	20.9	13.1	Hungary		-4.9	-4.4	-11.2
Industrials	8.9	23.9	28.5	16.7	10.6	Poland		14.1	6.3	-3.8
Technology	6.6	13.4	6.9	13.7	12.0	Russia		13.1	-1.0	-1.1
Materials	10.3	13.5	16.6	11.9	8.2	Brazil		7.7	-11.4	-13.6
Telecomm	-4.4	5.7	-0.7	12.6	11.2	Mexico		-2.0	-3.4	5.5
Utilities	0.2	10.1	7.0	10.6	7.1					
	Stoc	k Fur	dame	ntals A	s Of S	epteml	oer 30, 20 l	3		
			ed Stat			Develop			merging	:
	<u>C</u>	urrent	l Yea	r Ago	Curre	ent I Ye	ear Ago	Current	<u>l Ye</u>	ar Ago
Price/Earnings Current		17.3	15	5.2	15.2	2	10.9	11.2	9	.5
Price/Forecast Earnings	5	15.8	4	1.4	14.	l	11.5	11.0	10	0.5
Price/Book		2.4	2	.1	1.5		1.3	1.5	- 1	.5
Price/Cash Flow		10.5	9	.1	8.6		6.3	6.9	6	.6
Price/Sales		1.5	- 1	.2	0.9		0.7	1.1	I	.0
Forecast LT EPS Growt	th	9.5	10	0.7	7.9		9.2	12.1	1	1.7
Est. P/E Ratio Est. EPS Grow		wth	Fair Value Returns		Returns	<u>Fair Value</u>		Returns		
2013	2014	20		2014	<u>13x</u>	17.5x	7% DR		17.5x	7% DR
Large 15.7	13.9		.l	13.1	-17.4	11.2	-9.2	-6.5	25.8	2.7
Mid 20.2	16.9		3.5	19.2	-35.6	-13.3	-29.2	-23.3	3.3	-15.7
Small 22.3	17.3		5.6	29.3	-41.8	-21.7	-36.1	-24.7	1.3	-17.3

Bond Returi	ns <b>A</b> nd	Char	acteris	stics Fo	or Perio	ds Ending Septe	mber	30, 20	13
			Return	<u>s</u>				<u>Last</u>	l Year
	Qtr	<u>Ytd</u>	I Year	3 Year	5 Year	U.S. Bond Yields	Qtr	<u>Qtr</u>	Ago
Nationality						Fed Funds	0.08	0.09	0.14
U.S. Market	0.6	-1.9	-1.7	2.9	5.4	Prime Rate	3.25	3.25	3.25
Developed Intl	4.2	-3.7	-6.3	0.5	4.6	3 Month Treasury	0.02	0.05	0.11
Emerging Market	1.2	-6.7	-4. I	4.9	9.8	I Year Treasury	0.12	0.14	0.18
						3 Year Treasury	0.78	0.58	0.34
<u>Maturity</u>						5 Year Treasury	1.60	1.20	0.67
Cash	0.0	0.0	0.1	0.1	0.1	5 Year TIP	-0.17	-0.59	-1.47
Short-Term	0.4	0.5	0.6	1.1	2.5	10 Year Treasury	2.81	2.30	1.72
Intermediate-Term	0.6	-0.8	-0.5	2.4	5.0	30 Year Treasury	3.79	3.40	2.88
Long-Term	-0.8	-8.7	-8.3	4.7	9.1	Aaa Corporate	4.64	4.27	3.49
						Baa Corporate	5.47	5.19	4.84
<u>Sector</u>									
Corporate	0.7	-2.9	-1.9	4.1	8.5	Barclays Aggregate	2.40	2.45	2.40
Government	0.1	-1.9	-2.0	2.1	4.0	Barclays Credit	3.54	3.57	3.57
Mortgage	1.0	-1.0	-1.2	2.6	4.7	Barclays Treasury	1.46	1.52	1.68
						Barclays Mortgage	1.11	1.34	2.50
<u>Other</u>						Barclays Municipal	2.74	2.81	2.94
High Yield	2.3	3.7	7.1	9.2	13.5	Barclays High Yield	6.38	6.63	6.94
Inflation Protected	0.7	-6.7	-6.1	4.0	5.3	Citi Intl Treasury	1.59	1.77	3.03
Municipal	-0.2	-2.9	-2.2	3.2	6.0	JPM Emerging	4.65	4.60	4.38
10-Year	Sover	eign B	ond Yi	elds		Spreads Versus	10- <b>Y</b> e	ar Tre	asury
			I Year						l Year
Developed Mkts	<u>Qtr</u>	<u>Qtr</u>	<u>Ago</u>				<u>Qtr</u>	<u>Qtr</u>	<u>Ago</u>
United States	2.71	2.30	1.62			Aaa	1.83	1.97	1.77
Canada	2.69	2.25	1.75			Baa	2.66	2.89	3.12
France	2.51	2.11	2.21						
Germany	2.00	1.56	1.45			Barclays Aggregate	-0.41	0.15	0.68
Italy	4.46	4.26	5.29			Barclays Credit	0.73	1.27	1.85
United Kingdom	2.83	2.17	1.75			Barclays Treasury	-1.35	-0.78	-0.04
Euro Zone	2.00	1.56	1.45			Barclays Mortgage	-1.70	-0.96	0.78
Australia	4.05	3.42	2.98			Barclays Municipal	-0.07	0.51	1.22
Hong Kong	2.33	1.69	0.78			Barclays High Yield	3.57	4.33	5.22
Japan	0.71	0.82	0.78			Citi Intl Treasury	-1.22	-0.53	1.31
						JPM Emerging	1.84	2.30	2.66
Emerging									
Brazil	11.52	11.12	9.57			Maturity (10yr-1yr)	2.69	2.16	1.54
China	3.98	3.25	3.16			Implied Inflation	2.14	2.04	2.45
India	8.37	7.28	8.17						
Russia	7.66	7.66	8.17						

Commodity, Real Estate, & Currency Returns For Periods Ending Setember 30, 2013								
	Qtr			3 Year				
Commodity								
DJ UBS Commodity	2.1	-8.6	-14.3	-3.2	-5.3			
CRB Commodity Spot	-0.2	-3.4	-6.1	-1.4	2.5			
CRB Fat & Oils	0.8	0.0	-9.9	-0.9	2.0			
CRB Foodstuffs	-0.4	-5.2	-11.2	-2.5	1.4			
CRB Livestock	-1.8	1.5	3.9	5.5	5.2			
CRB Metals	7.2	-3.7	-2.3	0.3	5.6			
CRB Raw Industrials	0.0	-2.2	-2.3	-0.6	3.3			
CRB Textiles & Fibers	-0.5	0.3	0.7	-4.4	2.2			
<u>Agriculture</u>								
Coffee	-4.4	-13.9	-26.1	-15.8	-1.1			
Corn	-24.2	-23.1	-23.4	9.0	1.1			
Soybean	-8.6	-3.5	-3.5	11.4	5.0			
Sugar	10.1	-4.4	-16.2	-15.1	-1.2			
Wheat	-7.8	-18.6	-18.4	5.2	-1.9			
<u>Energy</u>								
Oil	11.0	20.5	12.4	12.2	0.5			
Unleaded Gas	-2.1	4.9	-9.5	8.1	-1.0			
Metals								
Aluminum	-2.9	-15.6	-14.7	-6.7	-6.9			
Copper	2.3	-10.1	-11.5	-2.5	0.5			
Gold	0.5	-20.1	-22.7	2.0	10.2			
Nickel	-3.4	-20.9	-20.2	-15.3	-4.9			
Zinc	0.4	-9.5	-8.1	-5.0	1.1			
Real Estate								
MSCI U.S. Reit	-3.0	3.2	5.7	11.2	5.6			
MSCI World Reit	2.5	3.7	9.1	9.9	6.7			
Currency		<u>U.S. D</u>	ollar Re	eturns				
Euro	-1.2	-1.8	-3.7	-0.7	1.4			
Japan	2.1	18.5	27.0	5.6	-1.4			
U.K.	-2.5	1.7	1.6	-0.6	2.5			
Brazil	4.2	9.0	11.7	9.6	4.7			
China	-0.2	-1.8	-3.2	-3.2	-2.2			
India	9.0	16.5	17.1	11.5	6.9			
Mexico	0.7	1.4	1.0	0.7	4.1			

## Current Economic & Financial Conditions

	Percent Change					
·		3 Month		6 Month		
	3 Month	Annualized	6 Month	Annualized	1 Year	Data As Of
Gross Domestic Product	0.6	2.5	0.9	1.8	1.6	June/2013
Leading Economic Indicators	#####	-100.0	-1,000.0	-100.0	-1,000.0 S	eptember/2013
ECRI Weekly Leading Index	1.6	6.4	2.0	4.0	4.2 S	eptember/2013
Commercial and Industrial Loans At All Commercial Banks	1.2	4.8	3.0	6.0	8.2 S	eptember/2013
Retail Sales	1.4	5.9	1.7	3.5	4.8	August/2013
Retail Sales (Excluding Food Service)	1.4	5.9	1.7	3.5	4.8	August/2013
Real Disposable Personal Income	0.4	1.5	1.2	2.4	1.6	August/2013
Industrial Production	0.5	2.0	0.5	1.1	2.7	August/2013
ISM Manufacturing: Purchasing Managers Index	10.4	48.6	9.6	20.0	8.9 S	eptember/2013
4-Week Moving Average of Initial Claims	-11.8	-39.4	-14.1	-26.2	-18.4 S	eptember/2013
Hires: Total Private	-0.3	-1.0	1.4	2.8	2.7	August/2013
Job Openings: Total Private	1.2	4.8	1.2	2.4	9.2	August/2013
Consumer Price Index	0.7	3.0	0.3	0.7	1.5	August/2013
Consumer Price Index Less Food and Energy	0.4	1.8	0.8	1.5	1.8	August/2013
New One-Family Houses Sold	-1.9	-7.3	-5.4	-10.5	12.6	August/2013
Median Sales Price of Homes Sold	2.3	9.6	5.0	10.3	10.8	June/2013
S&P 500 Earnings	1.4	5.6	1.4	2.8	-0.9	March/2013
CRB Commodity Spot Index	-0.2	-0.6	-2.6	-5.0	-6.1 S	eptember/2013
Spot Oil Price (West Texas Intermediate)	13.6	66.7	10.5	22.1	19.0	July/2013
Gold Price	11.3	53.4	N/A	N/A	-25.3 S	eptember/2013

	Actual Value / Diffusion Index				
		3 Months Ago	6 Months Ago	1 Year Ago Data As Of	
Phili Fed: General Activity - vs. Prior Month (Diffusion)	22.3	12.5	2.0	1.4 September/2013	
Phili Fed: General Activity - 6 Months Ahead (Diffusion)	58.2	33.7	32.5	40.9 September/2013	
Chicago Fed: National Activity Index	0.1	-0.1	0.6	-1.0 August/2013	
St. Louis Financial Stress Index	-0.6	-0.3	-0.9	-0.6 September/2013	
Loan Officer Net % Tighter Criteria Consumer Loans	-3.6	-7.4	-2.0	-10.9 September/2013	
Loan Officer Net % Willingness to Make Consumer Loans	13.0	22.2	11.1	21.7 September/2013	
Consumer Sentiment	77.5	84.1	78.6	78.3 September/2013	
Manpower Employment Outlook (Net % Hiring)	11.0	12.0	11.0	10.0 August/2013	
Unemployment Rate	7.6	7.9	7.9	8.3 September/2013	
University Of Michigan Inflation Expectations	3.3	3.0	3.2	3.3 September/2013	
AAII Survey: Stock Allocation	64.5	62.1	59.5	60.1 September/2013	
AAII Bull/Bear Investor Sentiment Spread	5.4	-4.9	9.7	-0.4 September/2013	
AAII Percent Bullish 8-Week Average	37.3	36.8	38.6	36.6 September/2013	
CBOE Volatility Index	16.6	16.9	12.7	15.7 September/2013	
3 Month Treasury	N/A	0.1	0.1	0.1 September/2013	
1 Year Treasury	0.1	0.1	0.2	0.2 September/2013	
5 Year Treasury	1.6	1.2	0.8	0.7 September/2013	
10 Year Treasury	2.8	2.3	2.0	1.7 September/2013	
30 Year Treasury	3.8	3.4	3.2	2.9 September/2013	
5 Year TIP	-0.2	-0.6	-1.4	-1.5 September/2013	
10 year TIP	0.7	0.3	-0.6	-0.7 September/2013	
30 Year TIP	1.5	1.2	0.6	0.4 September/2013	
Bond Buyer 20-Bond Municipal Bond Index	4.8	4.3	4.0	3.7 September/2013	
ML BBB	4.0	4.1	3.4	3.5 September/2013	
ML High Yield	6.5	6.8	5.9	6.6 September/2013	
ML AAA-A Emerging Market	3.0	3.2	2.4	2.5 September/2013	

Leading economic indicator index is not available due to the government shutdown.

A diffusion index is the difference between the percent of respondents expecting an increase less those expecting a decrease.