Q1

Quarterly Market Review
First Quarter 2016



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Quarterly Market Review

First Quarter 2016



This report features world capital market performance and a timeline of events for the past quarter. It begins with a global overview, then features the returns of stock and bond asset classes in the US and international markets.

The report also illustrates the performance of globally diversified portfolios.

Overview:

Market Summary

World Stock Market Performance

World Asset Classes

US Stocks

International Developed Stocks

Emerging Markets Stocks

Select Country Performance

Real Estate Investment Trusts (REITs)

Commodities

Fixed Income

Global Diversification

Market Summary



Index Returns

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US	
1Q 2016		s то	CKS		ВС	NDS	
	0.97%	-1.95%	5.71%	6.94%	3.03%	4.16%	

Since Jan. 2001						
Avg. Quarterly Return	1.7%	1.3%	2.9%	2.9%	1.3%	1.2%
Best	16.8%	25.9%	34.7%	32.3%	4.6%	5.5%
Quarter	Q2 2009	Q2 2009	Q2 2009	Q3 2009	Q3 2001	Q4 2008
Worst	-22.8%	-21.2%	-27.6%	-36.1%	-2.4%	-3.2%
Quarter	Q4 2008	Q4 2008	Q4 2008	Q4 2008	Q2 2004	Q2 2015

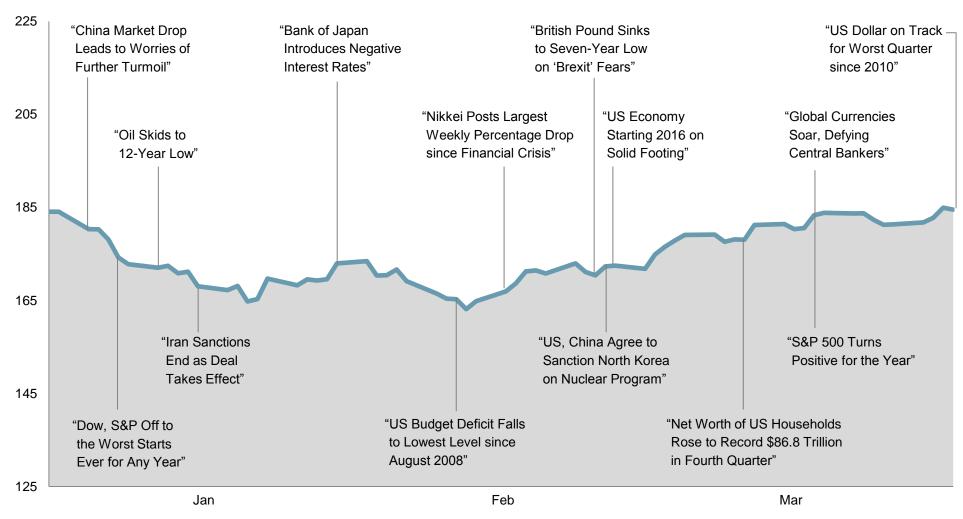
Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio.

Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International Developed Stocks (MSCI World ex USA Index [net div.]), Emerging Markets (MSCI Emerging Markets Index [net div.]), Global Real Estate (S&P Global REIT Index), US Bond Market (Barclays US Aggregate Bond Index), and Global Bond ex US Market (Citigroup WGBI ex USA 1–30 Years [Hedged to USD]). The S&P data are provided by Standard & Poor's Index Services Group. Russell data © Russell Investment Group 1995–2016, all rights reserved. MSCI data © MSCI 2016, all rights reserved. Barclays data provided by Barclays Bank PLC. Citigroup bond indices © 2016 by Citigroup.



World Stock Market Performance

MSCI All Country World Index with selected headlines from Q1 2016

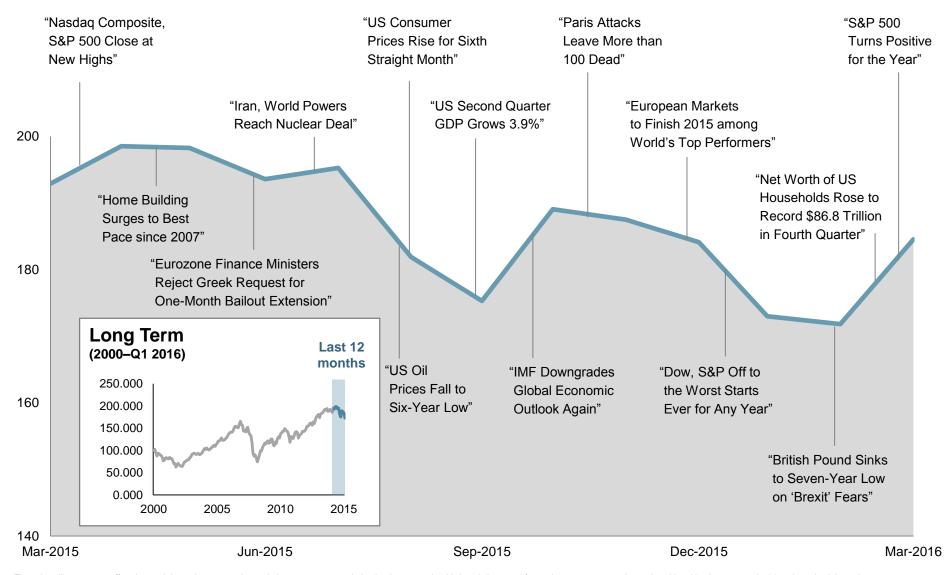


These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news.



World Stock Market Performance

MSCI All Country World Index with selected headlines from past 12 months



These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news. Graph Source: MSCI ACWI Index. MSCI data © MSCI 2016, all rights reserved.

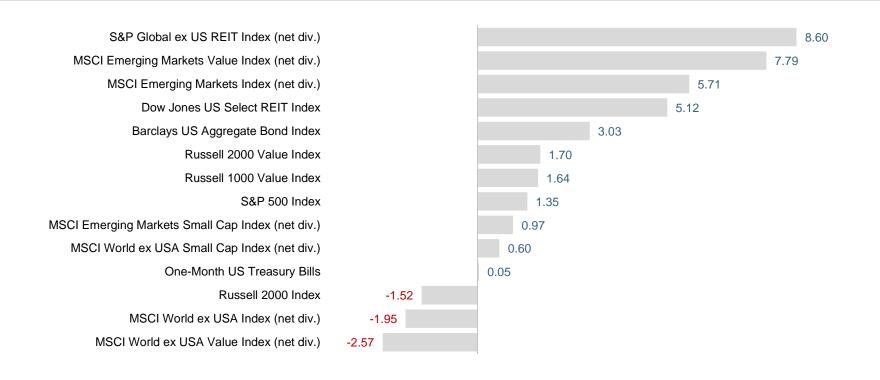
World Asset Classes



First Quarter 2016 Index Returns (%)

Looking at broad market indices, emerging markets outperformed developed markets, including the US. Developed markets REITs recorded the highest returns.

The value effect was positive in the US and emerging markets but negative in developed markets outside the US. Small caps outperformed large caps in the non-US markets but underperformed in the US and emerging markets.



US Stocks



First Quarter 2016 Index Returns

The broad US equity market recorded slightly positive performance for the quarter.

Value indices outperformed growth indices across all size ranges.

Small caps underperformed large caps.

Ranked Returns for the Quarter (%)



World Market Capitalization—US



Period Returns (%)

* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Marketwide	0.97	-0.34	11.15	11.01	6.90
Large Cap	1.35	1.78	11.82	11.58	7.01
Large Cap Value	1.64	-1.54	9.38	10.25	5.72
Large Cap Growth	0.74	2.52	13.61	12.38	8.28
Small Cap	-1.52	-9.76	6.84	7.20	5.26
Small Cap Value	1.70	-7.72	5.73	6.67	4.42
Small Cap Growth	-4.68	-11.84	7.91	7.70	6.00

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Market segment (index representation) as follows: Marketwide (Russell 3000 Index), Large Cap (S&P 500 Index), Large Cap Value (Russell 1000 Value Index), Large Cap Growth (Russell 1000 Growth Index), Small Cap (Russell 2000 Index), Small Cap Value (Russell 2000 Value Index), and Small Cap Growth (Russell 2000 Growth Index). World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. Russell 3000 Index is used as the proxy for the US market. Russell data © Russell Investment Group 1995–2016, all rights reserved. The S&P data are provided by Standard & Poor's Index Services Group.

International Developed Stocks



■ Local currency
■US currency

First Quarter 2016 Index Returns

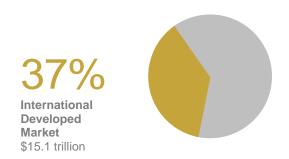
In US dollar terms, developed markets outside the US lagged both the US equity market and emerging markets indices during the quarter.

Small caps outperformed large caps in non-US developed markets.

The value effect was negative in non-US developed markets using broad market indices. Large cap value indices underperformed large cap growth indices. The opposite was true in small caps; small cap value indices outperformed small cap growth indices.

Value -6.21 Large Cap -5.78 Growth -5.36 Small Cap -3.45

World Market Capitalization—International Developed



Period Returns (%)

Ranked Returns (%)

* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Large Cap	-1.95	-8.44	1.69	1.62	1.80
Small Cap	0.60	1.99	5.54	3.84	3.09
Value	-2.57	-12.34	0.07	0.37	0.76
Growth	-1.35	-4.52	3.24	2.81	2.77

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Market segment (index representation) as follows: Large Cap (MSCI World ex USA Index), Small Cap (MSCI World ex USA Small Cap Index), Value (MSCI World ex USA Value Index), and Growth (MSCI World ex USA Growth). All index returns are net of withholding tax on dividends. World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. MSCI data © MSCI 2016, all rights reserved.

Emerging Markets Stocks





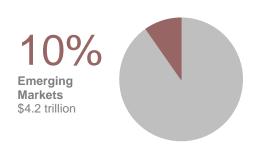
In US dollar terms, emerging markets indices outperformed developed markets, including the US.

Value outperformed growth across all size ranges.

Small cap indices underperformed large cap indices.

Value Value Large Cap Growth Small -1.22 Local currency Local currency US currency 7.79 7.79 2.73 5.71 0.80 3.66

World Market Capitalization—Emerging Markets



Period Returns (%)

* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Large Cap	5.71	-12.03	-4.50	-4.13	3.02
Small Cap	0.97	-9.20	-2.69	-2.56	5.08
Value	7.79	-12.56	-6.46	-5.86	2.96
Growth	3.66	-11.60	-2.66	-2.48	2.99

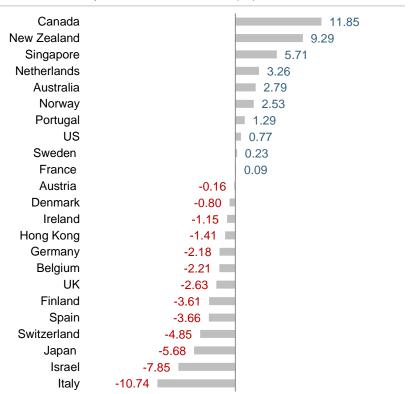
Select Country Performance



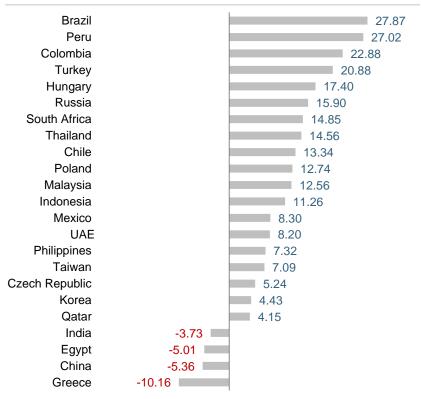
First Quarter 2016 Index Returns

Canada recorded the highest country performance in developed markets, while Israel and Italy posted the lowest returns for the quarter. In emerging markets, Brazil and Peru recorded the highest country returns, while China and Greece recording the lowest.

Ranked Developed Markets Returns (%)



Ranked Emerging Markets Returns (%)

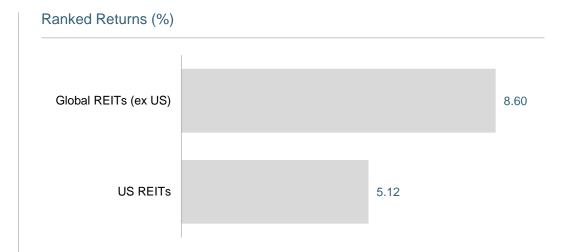






First Quarter 2016 Index Returns

REITs in developed markets posted very strong performance for the quarter. US REITs outperformed broad market US equity indices.



Total Value of REIT Stocks



Period Returns (%)

* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
US REITs	5.12	4.88	11.09	11.99	6.17
Global REITs (ex US)	8.60	2.53	3.46	6.58	3.49





First Quarter 2016 Index Returns

Commodities were mixed during the first quarter. The Bloomberg Commodity Index Total Return gained 0.42%. Precious metals led the index with gold returning 16.40% and silver returning 11.87%.

Energy was the worst-performing complex. Natural gas fell 21.81%, while unleaded gas declined 11.81%. WTI crude oil was down 11.58%.

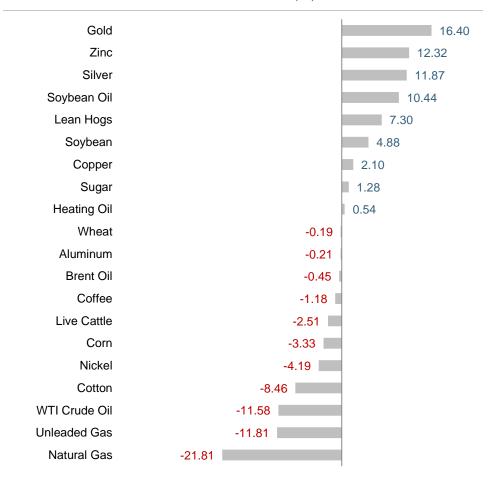
Grains were slightly positive. Soybean oil gained 10.44%, but corn fell 3.33%. Livestock was mixed. Lean hogs gained 7.30%, while live cattle fell 2.51%.

Period Returns (%)

* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Commodities	0.42	-19.56	-16.87	-14.15	-6.16

Ranked Returns for Individual Commodities (%)







First Quarter 2016 Index Returns

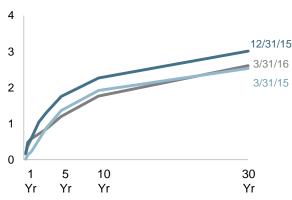
Interest rates across the US fixed income markets generally decreased during the quarter. The yield on the 5-year Treasury note fell 55 basis points (bps) to 1.21%. The yield on the 10-year Treasury note declined 49 bps to 1.78%. The 30-year Treasury bond declined 40 bps to finish at 2.61%.

The yield on the 1-year Treasury bill dipped 6 bps to 0.59%, and the 2-year Treasury note declined 33 bps to 0.73%. The 3-month T-bill increased 5 bps to yield 0.21%, while the 6-month T-bill decreased 10 bps to 0.39%.

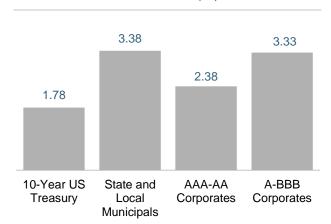
Short-term corporate bonds gained 1.16%, intermediate-term corporate bonds returned 2.76%, and long-term corporate bonds returned 6.83%.¹

Short-term municipal bonds returned 0.71% while intermediate-term munis gained 1.55%. Revenue bonds slightly outperformed general obligation bonds for the quarter.²





Bond Yields across Issuers (%)



Period Returns (%)

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Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
BofA Merrill Lynch Three-Month US Treasury Bill Index	0.07	0.12	0.07	0.08	1.15
BofA Merrill Lynch 1-Year US Treasury Note Index	0.36	0.40	0.29	0.32	1.74
Citigroup WGBI 1-5 Years (hedged to USD)	1.14	1.52	1.47	1.86	3.00
Barclays Long US Government Bond Index	8.06	2.80	6.04	9.52	7.88
Barclays US Aggregate Bond Index	3.03	1.96	2.50	3.78	4.90
Barclays US Corporate High Yield Index	3.35	-3.69	1.84	4.93	7.01
Barclays Municipal Bond Index	1.67	3.98	3.63	5.59	4.86
Barclays US TIPS Index	4.46	1.51	-0.71	3.02	4.63

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1. Barclays US Corporate Bond Index. 2. Barclays Municipal Bond Index. Yield curve data from Federal Reserve. State and local bonds are from the Bond Buyer Index, general obligation, 20 years to maturity, mixed quality.

AAA-AA Corporates represent the Bank of America Merrill Lynch US Corporates, AA-AAA rated. A-BBB Corporates represent the Bank of America Merrill Lynch US Corporates, BBB-A rated. Barclays data provided by Barclays Bank PLC. US long-term bonds, bills, inflation, and fixed income factor data © Stocks, Bonds, Bills, and Inflation (SBBI) Yearbook™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield). Citigroup bond indices © 2016 by Citigroup. The BofA Merrill Lynch Indices are used with permission; © 2016 Merrill Lynch, Pierce, Fenner & Smith Incorporated; all rights reserved. Merrill Lynch, Pierce, Fenner & Smith Incorporated is a wholly owned subsidiary of Bank of America Corporation.

Global Diversification

First Quarter 2016 Index Returns

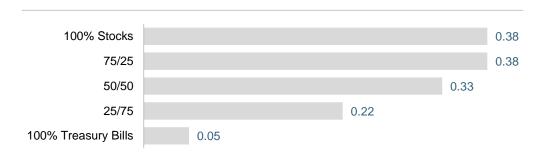
These portfolios illustrate the performance of different global stock/bond mixes and highlight the benefits of diversification. Mixes with larger allocations to stocks are considered riskier but have higher expected returns over time.

Period Returns (%)

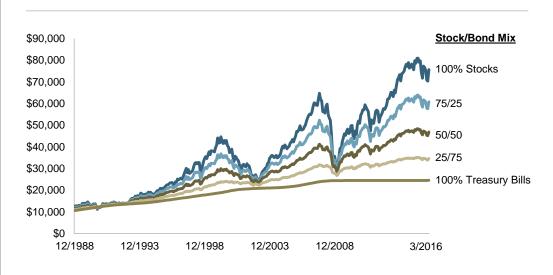
* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
100% Stocks	0.38	-3.81	6.10	5.80	4.63
75/25	0.38	-2.64	4.69	4.51	4.01
50/50	0.33	-1.61	3.20	3.12	3.20
25/75	0.22	-0.71	1.65	1.62	2.20
100% Treasury Bills	0.05	0.06	0.03	0.04	1.03

Ranked Returns (%)



Growth of Wealth: The Relationship between Risk and Return



Diversification does not eliminate the risk of market loss. Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect expenses associated with the management of an actual portfolio. Asset allocations and the hypothetical index portfolio returns are for illustrative purposes only and do not represent actual performance. Global Stocks represented by MSCI All Country World Index (gross div.) and Treasury Bills represented by US One-Month Treasury Bills. Globally diversified allocations rebalanced monthly, no withdrawals. Data © MSCI 2016, all rights reserved. Treasury bills © Stocks, Bonds, Bills, and Inflation Yearbook M, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield).



A basis point is the smallest measure used in quoting yields or interest rates. One basis point is equal to one one-hundredth of one percentage point (0.01%).

There is no guarantee that a diversified portfolio will enhance overall returns or outperform a non-diversified portfolio. Diversification does not protect against market risk.

Bonds are subject to market and interest rate risk if sold prior to maturity. Bond values will decline as interest rates rise and bonds are subject to availability and change in price. Bond yields are subject to change. Certain call or special redemption features may exist which could impact yield.

The price of **equity** securities may rise, or fall because of changes in the broad market or changes in a company's financial condition, sometimes rapidly or unpredictably. These price movements may result from factors affecting individual companies, sectors or industries, or the securities market as a whole, such as changes in economic or political conditions. Equity securities are subject to "stock market risk" meaning that stock prices in general may decline over short or extended periods of time.

Investments in **emerging markets** can be more volatile. As mentioned above, the normal risks of investing in foreign countries are heightened when investing in emerging markets. In addition, the small size of securities markets and the low trading volume may lead to a lack of liquidity, which leads to increased volatility. Also, emerging markets may not provide adequate legal protection for private or foreign investment or private property.

Investments in **commodities** may have greater volatility than investments in traditional securities, particularly if the instruments involve leverage. The value of commodity-linked derivative instruments may be affected by changes in overall market movements, commodity index volatility, changes in interest rates, or factors affecting a particular industry or commodity, such as drought, floods, weather, livestock disease, embargoes, tariffs and international economic, political and regulatory developments. Use of leveraged commodity-linked derivatives creates an opportunity for increased return but, at the same time, creates the possibility for greater loss.

Real estate investments may be subject to a higher degree of market risk because of concentration in a specific industry, sector or geographical sector. Real estate investments may be subject to risks including, but not limited to, declines in the value of real estate, risks related to general and economic conditions, changes in the value of the underlying property owned by the trust and defaults by borrower. Investing in Real Estate Investment Trusts (REITs) involves special risks such as potential illiquidity and may not be suitable for all investors. There is no assurance that the investment objectives of this program will be attained.

International investing involves a greater degree of risk and increased volatility. Changes in currency exchange rates and differences in accounting and taxation policies outside the U.S. can raise or lower returns. Also, some overseas markets may not be as politically and economically stable as the United States and other nations.

Treasury inflation-protected securities (TIPS) help eliminate inflation risk to your portfolio as the principal is adjusted semiannually for inflation based on the Consumer Price Index – while providing a real rate of return guaranteed by the U.S. Government. Treasury Inflation-Protected Securities, or TIPS, are subject to market risk and significant interest rate risk as their longer duration makes them more sensitive to price declines associated with higher interest rates.



All indexes are unmanaged and an individual cannot invest directly in an index Unmanaged index returns do not reflect fees, expenses, or sales charges. Index performance is not indicative of the performance of any investment. Past performance is no guarantee of future results.

The Russell 3000 Index® measures the performance of the 3,000 largest U.S. companies based on total market capitalization.

The **Russell 1000 Index** consists of the 1,000 largest securities in the Russell 3000 Index, which represents approximately 90% of the total market capitalization of the Russell 3000 Index. It is a large-cap, market-oriented index and is highly correlated with the S&P 500 Index.

The Russell 2000 Index ® measures the performance of the 2,000 smallest companies in the Russell 3000 Index.

The Russell 2000 Value Index ® measures the performance of those Russell 2000 companies with lower price-to-book ratios and lower forecasted growth values.

The **MSCI World ex USA Index** captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries*--excluding the United States. With 1,005 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

The **MSCI World ex USA Small Cap Index** captures small cap representation across 22 of 23 Developed Markets (DM) countries* (excluding the United States). With 2,437 constituents, the index covers approximately 14% of the free float-adjusted market capitalization in each country.

The **MSCI Emerging Markets Small Cap Index** includes small cap representation across 23 Emerging Markets countries*. With 1,792 constituents, the index covers approximately 14% of the free float-adjusted market capitalization in each country. The small cap segment tends to capture more local economic and sector characteristics relative to larger Emerging Markets capitalization segments.

The **MSCI World ex USA Value Index** captures large and mid cap securities exhibiting overall value style characteristics across 22 of 23 Developed Markets countries*. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. With 540 constituents, the index targets 50% coverage of the free float-adjusted market capitalization of the MSCI World ex USA Index.

The **MSCI Emerging Markets Value Index** captures large and mid cap securities exhibiting overall value style characteristics across 23 Emerging Markets (EM) countries*. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend vield. With 484 constituents, the index targets 50% coverage of the free float-adjusted market capitalization of the MSCI EM Index.



The MSCI Emerging Markets IndexSM is a free float-adjusted market capitalization index that is designed to measure equity market performance in the global emerging markets. As of June 2007, the MSCI Emerging Markets Index consisted of the following 25 emerging market country indices: Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Hungary, India, Indonesia, Israel, Jordan, Korea, Malaysia, Mexico, Morocco, Pakistan, Peru, Philippines, Poland, Russia, South Africa, Taiwan, Thailand, and Turkey.

The MSCI ACWI (All Country World Index) Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. As of June 2009 the MSCI ACWI consisted of 45 country indices comprising 23 developed and 22 emerging market country indices.

The **S&P 500 Index** is widely regarded as the best single gauge of the U.S. equities market. This world renowned index includes a representative sample of 500 leading companies in leading industries of the U.S. economy. Although the S&P 500 Index focuses on the large-cap segment of the market, with approximately 75% coverage of U.S. equities, it is also an ideal proxy for the total market. An investor cannot invest directly in an index.

A member of the S&P Global Property Index Series, **the S&P Global REIT Index** serves as a comprehensive benchmark of publicly traded equity REITs listed in both developed and emerging markets.

The **S&P Global ex-U.S. Property Index** defines and measures the investable universe of publicly traded property companies domiciled in developed and emerging markets excluding the U.S. The companies included are engaged in real estate related activities such as property ownership, management, development, rental and investment.

The Barclays US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency). Provided the necessary inclusion rules are met, US Aggregate eligible securities also contribute to the multi-currency Global Aggregate Index and the US Universal Index, which includes high yield and emerging markets debt. The US Aggregate Index was created in 1986 with history backfilled to January 1, 1976.

The **S&P/Citigroup International Treasury Bond Ex-U.S. 1-3 Years Index** is designed to reflect the performance of bonds issues by non-U.S. developed market countries maturing in 1-3 years.

The **Dow Jones U.S. Select REIT Index** intends to measure the performance of publicly traded REITs and REIT-like securities. The index is a subset of the Dow Jones U.S. Select Real Estate Securities Index (RESI), which represents equity real estate investment trusts (REITs) and real estate operating companies (REOCs) traded in the U.S. The indices are designed to serve as proxies for direct real estate investment, in part by excluding companies whose performance may be driven by factors other than the value of real estate.



The **Bloomberg Commodity Index** is composed of futures contracts on physical commodities and represents twenty two separate commodities traded on U.S. exchanges, with the exception of aluminum, nickel, and zinc

This **U.S. Treasury Index** is a component of the U.S. Government index.

The **BofA Merrill Lynch Three-Month US Treasury Bill Index** is an unmanaged market index of U.S. Treasury securities maturing in 90 days that assumes reinvestment of all income.

The **BofA Merrill Lynch 1-3 US Year Treasury Index** is an unmanaged index that tracks the performance of the direct sovereign debt of the U.S. Government having a maturity of at least one year and less than three years. It is not possible to invest directly in an unmanaged index

The Citigroup WGBI 1-5 Years Index measures the performance of the short-term global government bond market.

The **Barclays U.S.** Government Index is comprised of the U.S. Treasury and U.S. Agency Indices. The U.S. Government Index includes Treasuries (public obligations of the U.S. Treasury that have remaining maturities of more than one year) and U.S. agency debentures (publicly issued debt of U.S. Government agencies, quasi-federal corporations, and corporate or foreign debt guaranteed by the U.S. Government). The U.S. Government Index is a component of the U.S. Government/Credit Index and the U.S. Aggregate Index.

The **Barclays US Corporate High Yield Bond Index** measures the USD-denominated, high yield, fixed-rate corporate bond market. Securities are classified as high yield if the middle rating of Moody's, Fitch and S&P is Ba1/BB+/BB+ or below. Bonds from issuers with an emerging markets country of risk, based on Barclays EM country definition, are excluded. The US Corporate High Yield Index is a component of the US Universal and Global High Yield Indices. The index was created in 1986, with history backfilled to July 1, 1983.

The **Barclays U.S. Municipal Index** covers the USD-denominated long-term tax exempt bond market. The index has four main sectors: state and local general obligation bonds, revenue bonds, insured bonds, and prerefunded bonds. Many of the subindices of the Municipal Index have historical data to January 1980. In addition, several subindices based on maturity and revenue source have been created, some with inception dates after January 1980 but no later than July 1, 1993. In January 1996, Barclays Capital also began publishing a noninvestment grade municipal bond index and "enhanced" state-specific indices for Arizona, Connecticut, Maryland, Massachusetts, Minnesota, and Ohio. These indices are published separately from the Barclays Capital Municipal Bond Index. In 2005, Barclays Capital began publishing Managed Money Municipal Indices and Insurance Mandate Municipal Indices.

The **Barclays US Treasury Index** measures US dollar-denominated, fixed-rate, nominal debt issued by the US Treasury. Treasury bills are excluded by the maturity constraint, but are part of a separate Short Treasury Index. STRIPS are excluded from the index because their inclusion would result in double-counting. The US Treasury Index is a component of the US Aggregate, US Universal, Global Aggregate and Global Treasury Indices. The US Treasury Index was launched on January 1, 1973.