



## Important information about benchmarks

Index	Definition	Source
3-month USD LIBOR Index	is unmanaged index considered representative of the average interest rate at which a selection of banks in London are prepared to lend to one another in American dollars with a maturity of three months.	Bloomberg LP
Alerian MLP Index	is designed to capture the performance of energy master limited partnerships (MLPs).	FactSet Research Systems Inc.
Barclays 10-Year Municipal Bond Index	is an unmanaged index of fixed-rate, investment-grade municipal securities with maturities of eight to 12 years.	FactSet Research Systems Inc.
Barclays 1-2 Year U.S. Government Bond Index	is an unmanaged index considered representative of U.S. Treasury and U.S. government agency issues with maturities of one to two years.	FactSet Research Systems Inc.
Barclays 1-3 Month Treasury Bill Index	is an unmanaged index considered representative of short-term US government debt instruments.	FactSet Research Systems Inc.
Barclays 1-3 Year Government/Credit Index	is an unmanaged index considered representative of short-term US corporate and US government bonds with maturities of one to three years.	FactSet Research Systems Inc.
Barclays 1-5 Government Credit Index	is an unmanaged index of short-term US corporate and government bonds with maturities of one to five years.	FactSet Research Systems Inc.
Barclays 3-Month Treasury Bellwether Index	measures the performance of treasury bills with maturities of less than three months.	FactSet Research Systems Inc.
Barclays 5 Year Municipal Bond Index	is an unmanaged index of fixed-rate, investment-grade municipal securities with maturities of four to six years.	FactSet Research Systems Inc.
Barclays California Insured Municipal Bond Index	tracks the performance of California-issued municipal bonds with two or more years to maturity.	FactSet Research Systems Inc.
Barclays California Municipal Index	is an unmanaged index considered representative of California investment-grade municipal bonds.	FactSet Research Systems Inc.
Barclays Global Aggregate ex-U.S. Index	is an unmanaged index considered representative of bonds of foreign countries.	FactSet Research Systems Inc.

Index	Definition	Source
Barclays Global Aggregate Index	is an unmanaged index considered representative of global investment-grade, fixed-income markets.	FactSet Research Systems Inc.
Barclays High Yield Municipal Bond Index	is an unmanaged index considered representative of noninvestment-grade bonds.	FactSet Research Systems Inc.
Barclays Municipal Bond Index	is an unmanaged index considered representative of the tax-exempt bond market.	FactSet Research Systems Inc.
Barclays New York Municipal Index	is an unmanaged index considered representative of New York investment-grade municipal bonds.	FactSet Research Systems Inc.
Barclays Pennsylvania Municipal Index	is an unmanaged index considered representative of Pennsylvania investment-grade municipal bonds.	FactSet Research Systems Inc.
Barclays U.S. Aggregate Index	is an unmanaged index considered representative of the US investment-grade, fixed-rate bond market.	FactSet Research Systems Inc.
Barclays U.S. Corporate High Yield 2% Issuer Cap Index	is an unmanaged index considered representative of the US high-yield, fixed-rate corporate bond market. Index weights for each issuer are capped at 2%.	FactSet Research Systems Inc.
Barclays U.S. Corporate Index	is an unmanaged index considered representative of publicly issued, fixed-rate, nonconvertible, investment-grade debt securities.	FactSet Research Systems Inc.
Barclays U.S. Credit Index	is an unmanaged index considered representative of publicly issued, SEC-registered U.S. corporate and specified foreign debentures and secured notes.	FactSet Research Systems Inc.
Barclays U.S. Government Index	is an unmanaged index considered representative of fixed income obligations issued by the US Treasury, government agencies and quasi-federal corporations.	FactSet Research Systems Inc.
Barclays U.S. Government Intermediate and MBS Index	is a market-weighted combination of Barclays Intermediate U.S. Government and Mortgage-Backed Securities indexes.	FactSet Research Systems Inc.
Barclays U.S. Government/Credit Index	includes treasuries and agencies that represent the government portion of the index, and includes publically issued US corporate and foreign debentures and secured notes that meet specified maturity, liquidity and quality requirements.	FactSet Research Systems Inc.

Index	Definition	Source
Barclays US Corporate High Yield Index	is an unmanaged index considered representative of fixed-rate, noninvestment-grade debt.	FactSet Research Systems Inc.
Barclays US Government Mortgage Index	is an unmanaged index considered representative of US government treasury and agency mortgage-backed securities.	FactSet Research Systems Inc.
Barclays US Mortgage Backed Securities Index	represents mortgage-backed pass-through securities of Ginnie Mae, Fannie Mae and Freddie Mac.	FactSet Research Systems Inc.
Bloomberg Commodity Index	is an unmanaged index designed to be a highly liquid and diversified benchmark for the commodity futures market.	Bloomberg LP
CBOE S&P 500 BuyWrite Index	tracks the performance of a hypothetical buy-write strategy on the S&P 500 Index.	FactSet Research Systems Inc.
Citigroup 90-Day Treasury Bill Index	is an unmanaged index representative of three-month Treasury bills.	FactSet Research Systems Inc.
Credit Suisse Leveraged Loan Index	represents tradable, senior-secured, US-dollar-denominated, noninvestment-grade loans.	Bloomberg LP
Custom Invesco Balanced Risk Aggressive Allocation Broad Index	consists of 75% S&P 500 Index and 25% Barclays U.S. Aggregate Index.	Invesco, FactSet Research Systems Inc.
Custom Invesco Balanced Risk Aggressive Allocation Style Index	consists of 75% MSCI World Index and 25% Barclays U.S. Aggregate Index.	Invesco, FactSet Research Systems Inc.
Custom Invesco Balanced Risk Allocation Broad Index	consists of 60% S&P 500 Index and 40% Barclays U.S. Aggregate Index.	Invesco, FactSet Research Systems Inc.
Custom Invesco Balanced Risk Allocation Style Index	consists of 60% MSCI World Index and 40% Barclays U.S. Aggregate Index. Effective Dec. 1, 2009, the fixed income component of the Custom Balanced-Risk Allocation Style Index changed from the JP Morgan GBI Global (Traded) Index to the Barclays U.S. Aggregate Index. The MSCI World Index is an unmanaged index considered representative of stocks of developed countries. The index return is computed using the net return, which withholds applicable taxes for non-resident investors. The Barclays U.S. Aggregate Index is an unmanaged index considered representative of the U.S. investment-grade, fixed-rate bond market.	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco CollegeBound 2017-2018 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2017-2018 Portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2019-2020 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2019-2020 Portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2021-2022 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2021-2022 Portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2023-2024 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2023-2024 Portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and and Barclays 3-month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco CollegeBound 2025-2026 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2025-2026 portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2027-2028 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2027-2028 portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and 3M T-Bills Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2029-2030 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2029-2030. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and 3M T-Bills Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2031-2032 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2031-2032. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and 3M T-Bills Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco CollegeBound 2033-2034 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2033-2034 portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound 2035-2036 Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound 2035-2036. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound Conservative Index	was created by Invesco to serve as a benchmark for Invesco Conservative College portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index, Barclays U.S. Aggregate Index and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound Growth Index	was created by Invesco to serve as a benchmark for Invesco Growth College portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index and Barclays U.S. Aggregate Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco CollegeBound Moderate Index	was created by Invesco to serve as a benchmark for Invesco Moderate College portfolio. The index is composed of the following indexes: Russell 1000® Index, MSCI EAFE® Index and Barclays U.S. Aggregate Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco CollegeBound Today Index	was created by Invesco to serve as a style specific benchmark for Invesco CollegeBound Today portfolio. The index is composed of Barclays US Aggregate Index and Barclays 3-Month Treasury Bellwether Index. The composition of the index may change based on the portfolio's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the portfolio's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco Conservative Allocation Index	, created by Invesco to serve as a benchmark for Invesco Conservative Allocation Fund, is composed of the following indexes: S&P 500® Index, MSCI EAFE® Index and Barclays U.S. Aggregate Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the Fund's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco Conservative Allocation Index	was created by Invesco to serve as a benchmark for Invesco Conservative Allocation Fund and comprises the following indexes: S&P 500® Index, MSCI EAFE® Index and Barclays U.S. Aggregate Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the fund's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco Global Real Estate Income Index	is an index composed of FTSE NAREIT All Equity REIT Index through Aug. 31, 2011, and FTSE EPRA/NAREIT Developed Index, which is computed using the net return by withholding applicable taxes, thereafter.	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco Global Real Estate Index	is composed of the FTSE EPRA/NAREIT Developed Index (net) through June 30, 2014; and the FTSE/EPRA NAREIT Global Index (net) from July 1, 2014.	Invesco, FactSet Research Systems Inc.
Custom Invesco Global Real Estate Index - old	was created by Invesco to serve as a benchmark for Invesco Global Real Estate Income Fund and comprises the following indexes: FTSE EPRA/NAREIT Developed Real Estate (50%) and Wachovia Hybrid and Preferred Securities REIT (50%).	Invesco, FactSet Research Systems Inc.
Custom Invesco Growth Allocation Index	was created by Invesco to serve as a benchmark for Invesco Growth Allocation Fund and is composed of the following indexes: S&P 500® Index, MSCI EAFE® Index and Barclays U.S. Aggregate Index. The composition of the index may change based on the Fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the fund's objective. The MSCI EAFE® Index is an unmanaged index considered representative of stocks of Europe, Australasia and the Far East. The index is computed using the net return, which withholds applicable taxes for non-resident investors. The Barclays U.S. Aggregate Index is an unmanaged index considered representative of the U.S. investment-grade, fixed-rate bond market.	Invesco, FactSet Research Systems Inc.
Custom Invesco High Yield Municipal Index	was created by Invesco to serve as a benchmark for Invesco High Yield Municipal Fund and comprises 80% weight in bonds in the S&P Municipal Bond Index that are not rated or are rated below investment grade and a 20% weight in bonds that are rated investment grade by Standard & Poor's, Moody's and/or Fitch.	Invesco, FactSet Research Systems Inc.
Custom Invesco High Yield Municipal Index	is designed to measure the performance of a hypothetical allocation that consists of an 80% weight in bonds in the S&P Municipal Bond Index that are not rated or are rated below investment grade and a 20% weight in bonds that are rated investment grade by Standard & Poor's, Moody's and/or Fitch. S&P Municipal Bond Index is a broad, market value-weighted	Invesco, FactSet Research Systems Inc.



Index	Definition	Source
Custom Invesco IBRR 2020 Index	<p>was created by Invesco to serve as a style specific benchmark for Invesco Balanced-Risk Retirement 2020 Fund. From the inception of the Fund to Nov. 4, 2009, the index comprised the Custom Independence 2020 Index, which included the following indexes: Russell 3000® Index, MSCI EAFE®, FTSE NAREIT Equity REITs and Barclays U.S. Universal. From Nov. 4, 2009, through Nov. 30, 2009, the index comprised the MSCI World Index and the JP Morgan Global Government Bond Index. From Dec. 1, 2009, to Dec. 31, 2009, the index comprised the MSCI World Index and Barclays U.S. Aggregate Index. Since January 1, 2010, the index has comprised the MSCI World Index, Barclays U.S. Aggregate Index and Lipper T-Bill 3-Month Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the Fund's objective.</p>	Invesco, FactSet Research Systems Inc.
Custom Invesco IBRR 2030 Index	<p>was created by Invesco to serve as a style specific benchmark for Invesco Balanced-Risk Retirement 2030 Fund. From the inception of the Fund to Nov. 4, 2009, the index comprised the Custom Independence 2030 Index, which included the following indexes: Russell 3000® Index, MSCI EAFE®, FTSE NAREIT Equity REITs and Barclays U.S. Universal. From Nov. 4, 2009, through Nov. 30, 2009, the index comprised the MSCI World Index and the JP Morgan Global Government Bond Index. Since Dec. 1, 2009, the index has comprised the MSCI World Index and the Barclays U.S. Aggregate Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the Fund's objective.</p>	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco IBRR 2040 Index	<p>was created by Invesco to serve as a style specific benchmark for Invesco Balanced-Risk Retirement 2040 Fund. From the inception of the Fund to Nov. 4, 2009, the index comprised the Custom Independence 2040 Index, which included the following indexes: Russell 3000® Index, MSCI EAFE®, FTSE NAREIT Equity REITs and Barclays U.S. Universal. From Nov. 4, 2009, through Nov. 30, 2009, the index comprised the MSCI World Index and the JP Morgan Global Government Bond Index. Since Dec. 1, 2009, the index has comprised the MSCI World Index and the Barclays U.S. Aggregate Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the Fund's objective.</p>	Invesco, FactSet Research Systems Inc.
Custom Invesco IBRR 2050 Index	<p>was created by Invesco to serve as a style specific benchmark for Invesco Balanced-Risk Retirement 2050 Fund. From the inception of the Fund to Nov. 4, 2009, the index comprised the Custom Independence 2050 Index, which included the following indexes: Russell 3000® Index, MSCI EAFE®, FTSE NAREIT Equity REITs and Barclays U.S. Universal. From Nov. 4, 2009, through Nov. 30, 2009, the index comprised the MSCI World Index and the JP Morgan Global Government Bond Index. Since Dec. 1, 2009, the index has comprised the MSCI World Index and the Barclays U.S. Aggregate Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the Fund's objective.</p>	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco IBRR Now Index	<p>was created by Invesco to serve as a style specific benchmark for Invesco Balanced-Risk Retirement Now Fund. From the inception of the Fund to Nov. 4, 2009, the index comprised the Custom Independence Now Index, which included the following indexes: Russell 3000, MSCI EAFE, FTSE NAREIT Equity REITs, Barclays U.S. Universal and the three-month U.S. Treasury bill. From Nov. 4, 2009, through Nov. 30, 2009, the index comprised the MSCI World Index, the JP Morgan Global Government Bond Index and the three-month Treasury bill. Since Dec. 1, 2009, the index has comprised the MSCI World Index, Barclays U.S. Aggregate Index and the three-month Treasury bill. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the Fund's objective.</p>	Invesco, FactSet Research Systems Inc.
Custom Invesco Income Allocation Index	<p>, created by Invesco to serve as a benchmark for Invesco Income Allocation Fund, is composed of the following indexes: Russell 3000® Index, MSCI EAFE® Index, FTSE NAREIT Equity REITs Index and Barclays U.S. Universal Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the fund's objective.</p>	Invesco, FactSet Research Systems Inc.
Custom Invesco International Growth Index	<p>is composed of the MSCI EAFE® Growth Index through Feb. 28, 2013, and the MSCI All Country World ex-U.S. Growth Index thereafter. The MSCI EAFE® Growth Index is an unmanaged index considered representative of growth stocks of Europe, Australasia and the Far East. The MSCI All Country World ex-U.S. Growth Index is a market capitalization weighted index that includes growth companies in developed and emerging markets throughout the world, excluding the United States. Both MSCI indexes are computed using the net return, which withholds applicable taxes for non-resident investors.</p>	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco Moderate Allocation Index	was created by Invesco to serve as a benchmark for Invesco Moderate Allocation Fund and is composed of the following indexes: S&P 500® Index, MSCI EAFE® Index and Barclays U.S. Aggregate Index. The composition of the index may change based on the fund's target asset allocation. Therefore, the current composition of the index does not reflect its historical composition and will likely be altered in the future to better reflect the fund's objective.	Invesco, FactSet Research Systems Inc.
Custom Invesco Moderate Growth Allocation Index	was created by Invesco to serve as a benchmark for Invesco Moderate Growth Allocation Fund and is composed of the S&P 500, the MSCI EAFE® and the Barclays U.S. Aggregate. The composition of the index may change from time to time based on the target asset allocation.	Invesco, FactSet Research Systems Inc.
Custom Invesco Pacific Growth Index	was created by Invesco to serve as a benchmark for Invesco Pacific Growth Fund and comprises 50% MSCI Japan Index and 50% MSCI All Country Asia Pacific ex-Japan Index ND.	Invesco, FactSet Research Systems Inc.
Custom Invesco Premium Income Index	was created by Invesco to serve as a benchmark for Invesco Premium Income Fund and comprises the following indexes: S&P 500® (50%) and Barclays U.S. Universal (50%). The S&P 500® Index is an unmanaged index considered representative of the US stock market. Barclays U.S. Universal index is an unmanaged index comprising US dollar-denominated, taxable bonds that are rated investment grade or below investment grade.	Invesco, FactSet Research Systems Inc.
Custom Invesco Short Duration High Yield Municipal Index	consists of 60% S&P Municipal Bond High Yield Index, 40% S&P Municipal Bond Short Index.	Invesco, FactSet Research Systems Inc.
Custom Invesco Strategic Real Return Index	consists of 45% The BofA Merrill Lynch US Inflation Linked Treasury Index, 30% S&P/LSTA Leveraged Loan Total Return Index and 25% The BofA Merrill Lynch US High Yield Constrained Index. An investment cannot be made directly in an index.	Invesco, Bloomberg LP, FactSet Research Systems Inc., S&P Dow Jones Indices LLC
Custom Invesco V.I. Balanced-Risk Allocation Index	, created by Invesco to serve as a benchmark for Invesco V.I. Balanced-Risk Allocation Fund, comprises the following indexes: MSCI World Index (60%) and Barclays U.S. Aggregate Index (40%). Prior to 5/2/2011, the index comprised (65%) MSCI World Index, (30%) J.P. Morgan GBI Global Index, and (5%) Citigroup 3-Month Treasury Bill Index.	Invesco, FactSet Research Systems Inc.

Index	Definition	Source
Custom Invesco V.I. Global Multi-Asset Fund Index	, created by Invesco to serve as a benchmark for Invesco V.I. Global Multi-Asset Fund, comprises the following indexes: MSCI World (54%) and Barclays U.S. Universal (46%).	Invesco, FactSet Research Systems Inc.
Dow Jones Brookfield Global Infrastructure Index	is designed to measure the stock performance of infrastructure companies domiciled globally and covers all sectors of the infrastructure market.	FactSet Research Systems Inc.
Dow Jones U.S. Oil & Gas Index	is an unmanaged index considered representative of the oil and gas sector.	Bloomberg LP
Dow Jones U.S. Select Dividend Index	represent the country's leading stocks by dividend yield.	FactSet Research Systems Inc.
FTSE EPRA/NAREIT Developed Index	is an unmanaged index considered representative of global real estate companies and REITs. The index is computed using the gross return, which does not withhold taxes for non-resident investors.	FactSet Research Systems Inc.
FTSE EPRA/NAREIT Developed Index	is an unmanaged index considered representative of global real estate companies and REITs. The Index is computed using the net return which withholds taxes for non-resident investors.	FactSet Research Systems Inc.
FTSE NAREIT All Equity REITs Index	is an unmanaged index considered representative of US REITs.	FactSet Research Systems Inc.
FTSE RAFI Developed ex U.S. Index	The index is computed using the net return, which withholds applicable taxes for non-resident investors.	Bloomberg LP
FTSE RAFI US 1500 Small-Mid Index	is designed to track the performance of small and medium-sized U.S. companies. Companies are selected based on the following four fundamental measures of size: book value, cash flow, sales and dividends. Each of the equities with a fundamental weight ranking of 1,001 to 2,500 is then selected and assigned a weight equal to its fundamental weight.	FactSet Research Systems Inc.
JP Morgan EMBI Global Diversified Index	is an unmanaged, market-capitalization weighted, total-return index tracking the traded market for U.S.-dollar-denominated Brady bonds, Eurobonds, traded loans, and local market debt instruments issued by sovereign and quasi-sovereign entities.	FactSet Research Systems Inc.
JP Morgan Government Bond Index - Emerging Markets (GBI-EM) Global Diversified Index	is a comprehensive global local emerging markets index comprising liquid, fixed-rate, domestic currency government bonds.	FactSet Research Systems Inc.
JP Morgan Government Bond Index - Emerging Markets (GBI-EM) Global Diversified Index	is a comprehensive global local emerging markets index comprising liquid, fixed-rate, domestic currency government bonds.	FactSet Research Systems Inc.

Index	Definition	Source
Lipper Absolute Return Funds Index	is an unmanaged index considered representative of absolute return funds tracked by Lipper.	Lipper, Inc.
Lipper Alternative Credit Focus Funds Index	is an unmanaged index considered representative of alternative credit focus funds tracked by Lipper.	Lipper, Inc.
Lipper Alternative Equity Market Neutral Funds Index	is an unmanaged index considered representative of alternative equity market neutral funds tracked by Lipper.	Lipper, Inc.
Lipper Alternative Global Macro Funds Index	is an unmanaged index considered representative of alternative global macro funds tracked by Lipper.	Lipper, Inc.
Lipper Alternative Long/Short Equity Funds Index	is an unmanaged index considered representative of alternative long/short equity funds tracked by Lipper.	Lipper, Inc.
Lipper Alternative Long/Short Equity Funds Index	Domestic or foreign funds that employ portfolio strategies combining long holdings of equities with short sales of equity, equity options or equity index options. The funds may be either net long or net short, depending on the portfolio manager's view of the market.	Lipper, Inc.
Lipper Alternative Multi-Strategy Funds Classification Average	represents an average of all funds in the Lipper Alternative Multi-Strategy Funds classification.	Lipper, Inc.
Lipper Balanced Funds Index	is an unmanaged index considered representative of balanced funds tracked by Lipper.	Lipper, Inc.
Lipper BBB Rated Funds Index	is an unmanaged index considered representative of BBB-rated funds tracked by Lipper.	Lipper, Inc.
Lipper California Municipal Debt Funds Index	is an unmanaged index considered representative of California municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper China Region Funds Classification Average	represents an average of all funds in the Lipper China Region Funds classification.	Lipper, Inc.
Lipper China Region Funds Index	is an unmanaged index considered representative of China region funds tracked by Lipper.	Lipper, Inc.
Lipper Closed-End Real Estate Funds Index	is an unmanaged index considered representative of closed-end real estate funds tracked by Lipper.	Lipper, Inc.
Lipper Consumer Services Funds Classification Average	represents an average of all funds in the Lipper Consumer Services Funds classification.	Lipper, Inc.

<b>Index</b>	<b>Definition</b>	<b>Source</b>
Lipper Convertible Securities Funds Index	is an unmanaged index considered representative of convertible securities funds tracked by Lipper.	Lipper, Inc.
Lipper Convertible Securities Funds Index	is an unmanaged index considered representative of convertible securities funds tracked by Lipper.	Lipper, Inc.
Lipper Core Plus Bond Funds Index	is an unmanaged index considered representative of core plus bond funds tracked by Lipper.	Lipper, Inc.
Lipper Emerging Market Funds Index	is an unmanaged index considered representative of emerging market funds tracked by Lipper.	Lipper, Inc.
Lipper Emerging Markets Hard Currency Debt Funds Index	is an unmanaged index considered representative of emerging market debt funds tracked by Lipper.	Lipper, Inc.
Lipper Energy MLP Funds Index	is an unmanaged index considered representative of energy MLP funds tracked by Lipper.	Lipper, Inc.
Lipper Equity Income Funds Index	is an unmanaged Index considered representative of equity income funds tracked by Lipper.	Lipper, Inc.
Lipper European Funds Index	is an unmanaged index considered representative of European funds tracked by Lipper.	Lipper, Inc.
Lipper Financial Services Funds Index	is an unmanaged index considered representative of financial services funds tracked by Lipper.	Lipper, Inc.
Lipper Flexible Portfolio Funds Index	is an unmanaged index considered representative of flexible portfolio funds tracked by Lipper.	Lipper, Inc.
Lipper General Municipal Debt Funds Index	is an unmanaged index considered representative of general municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper Global Equity Income Funds Index	is an unmanaged Index considered representative of global equity income funds tracked by Lipper.	Lipper, Inc.
Lipper Global Flexible Portfolio Funds Index	is an equally weighted representation of the largest funds in the Lipper Global Flexible Portfolio Funds classification. These funds allocate their investments across various asset classes, including both domestic and foreign stocks, bonds and money market instruments, with a focus on total return.	Lipper, Inc.

<b>Index</b>	<b>Definition</b>	<b>Source</b>
Lipper Global Health/Biotechnology Funds Index	is an unmanaged index considered representative of global health/biotechnology funds tracked by Lipper.	Lipper, Inc.
Lipper Global Infrastructure Funds Classification Average	represents an average of all of the funds in the Lipper Global Infrastructure Funds classification.	Lipper, Inc.
Lipper Global Large-Cap Core Funds Index	is an unmanaged index considered representative of global large-cap core funds tracked by Lipper.	Lipper, Inc.
Lipper Global Large-Cap Growth Funds Index	is an unmanaged index considered representative of global large-cap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Global Large-Cap Value Funds Classification Average	represents an average of all funds in the Lipper Global Large-Cap Value Funds classification.	Lipper, Inc.
Lipper Global Multi-Cap Core Funds Index	is an unmanaged index considered representative of global multicap core funds tracked by Lipper.	Lipper, Inc.
Lipper Global Multi-Cap Growth Funds Index	is an unmanaged index considered representative of global multicap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Global Multi-Cap Value Funds Index	is an unmanaged index considered representative of global multicap value funds tracked by Lipper.	Lipper, Inc.
Lipper Global Real Estate Funds Classification Average	represents an average of all funds in the Lipper Global Real Estate Funds classification.	Lipper, Inc.
Lipper Global Small/Mid-Cap Funds Classification Average	represents an average of all funds in the Lipper Global Small/Mid-Cap Funds classification.	Lipper, Inc.
Lipper Health/Biotechnology Funds Index	is an unmanaged index considered representative of health/biotechnology funds tracked by Lipper.	Lipper, Inc.
Lipper High Current Yield Bond Funds Index	is an unmanaged index considered representative of high-yield bond funds tracked by Lipper.	Lipper, Inc.
Lipper High Yield Municipal Debt Funds Index	is an unmanaged index considered representative of high-yield municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper Income Funds Index	is an unmanaged index considered representative of income funds tracked by Lipper.	Lipper, Inc.
Lipper Inflation Protected Bond Funds Index	is an unmanaged index considered representative of inflation protected bond funds tracked by Lipper.	Lipper, Inc.



<b>Index</b>	<b>Definition</b>	<b>Source</b>
Lipper Inflation Protected Bond Funds Index	is an unmanaged index considered representative of inflation protected bond funds tracked by Lipper.	Lipper, Inc.
Lipper Intermediate Investment Grade Debt Funds Index	is an unmanaged index considered representative of intermediate investment-grade debt funds tracked by Lipper.	Lipper, Inc.
Lipper Intermediate Municipal Debt Funds Index	is an unmanaged index considered representative of intermediate municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper Intermediate U.S. Government Funds Index	is an unmanaged index considered representative of intermediate US government funds tracked by Lipper.	Lipper, Inc.
Lipper International Income Funds Index	is an unmanaged index considered representative of international income funds tracked by Lipper.	Lipper, Inc.
Lipper International Large-Cap Core Funds Index	is an unmanaged index considered representative of international large-cap core funds tracked by Lipper.	Lipper, Inc.
Lipper International Large-Cap Growth Funds Index	is an unmanaged index considered representative of international large-cap growth funds tracked by Lipper.	Lipper, Inc.
Lipper International Large-Cap Value Funds Index	is an unmanaged index considered representative of international large-cap value funds tracked by Lipper.	Lipper, Inc.
Lipper International Multi-Cap Core Funds Index	is an unmanaged index considered representative of international multicap core funds tracked by Lipper.	Lipper, Inc.
Lipper International Multi-Cap Growth Funds Index	is an unmanaged index considered representative of international multicap growth funds tracked by Lipper.	Lipper, Inc.
Lipper International Small/Mid-Cap Growth Funds Index	is an unmanaged index considered representative of international small/mid-cap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Japan Funds Index	is an unmanaged index considered representative of Japan funds tracked by Lipper.	Lipper, Inc.
Lipper Large Cap Core Funds Index	is an unmanaged index considered representative of large-cap core funds tracked by Lipper.	Lipper, Inc.
Lipper Large-Cap Growth Funds Index	is an unmanaged index considered representative of large-cap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Large-Cap Value Funds Index	is an unmanaged index considered representative of large-cap value funds tracked by Lipper.	Lipper, Inc.

<b>Index</b>	<b>Definition</b>	<b>Source</b>
Lipper Loan Participation Funds Classification Average	represents an average of all of the funds in the Lipper Loan Participation Funds classification.	Lipper, Inc.
Lipper Mid-Cap Core Funds Index	is an unmanaged index considered representative of mid-cap core funds tracked by Lipper.	Lipper, Inc.
Lipper Mid-Cap Core Funds Index	is an unmanaged index considered representative of mid-cap core funds tracked by Lipper.	Lipper, Inc.
Lipper Mid-Cap Growth Funds Index	is an unmanaged index considered representative of mid-cap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Mid-Cap Value Funds Index	is an unmanaged index considered representative of mid-cap value funds tracked by Lipper.	Lipper, Inc.
Lipper Mid-Cap Value Funds Index	is an unmanaged index considered representative of mid-cap value funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target 2010 Funds Index	is an unmanaged index considered representative of mixed-asset target 2010 funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target 2020 Funds Index	is an unmanaged index considered representative of mixed-asset target 2020 funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target 2030 Funds Index	is an unmanaged index considered representative of mixed-asset target 2030 funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target 2040 Funds Index	is an unmanaged index considered representative of mixed-asset target 2040 funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target 2050 Funds Classification Average	represents an average of all funds in the Lipper Mixed-Asset Target 2050 Funds classification.	Lipper, Inc.
Lipper Mixed-Asset Target 2050 Funds Index	is an unmanaged index considered representative of mixed-asset target 2050 funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target Allocation Conservative Funds Index	is an unmanaged index considered representative of mixed-asset target allocation conservative funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target Allocation Conservative Funds Index	is an unmanaged index considered representative of mixed-asset target allocation conservative funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target Allocation Growth Funds Index	is an unmanaged index considered representative of mixed-asset target allocation growth funds tracked by Lipper.	Lipper, Inc.

Index	Definition	Source
Lipper Mixed-Asset Target Allocation Moderate Funds Index	is an unmanaged index considered representative of mixed-asset target allocation moderate funds tracked by Lipper.	Lipper, Inc.
Lipper Mixed-Asset Target Today Funds Index	is an unmanaged index considered representative of mixed-asset target today funds tracked by Lipper.	Lipper, Inc.
Lipper Multi-Cap Core Funds Index	is an unmanaged index considered representative of multicap core funds tracked by Lipper.	Lipper, Inc.
Lipper Multi-Cap Core Funds Index	is an unmanaged index considered representative of multicap core funds tracked by Lipper.	Lipper, Inc.
Lipper Multi-Cap Growth Funds Index	is an unmanaged index considered representative of multicap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Multi-Cap Value Funds Index	is an unmanaged index considered representative of multicap value funds tracked by Lipper.	Lipper, Inc.
Lipper Multi-Sector Income Funds Index	is an unmanaged index considered representative of multi-sector income funds tracked by Lipper.	Lipper, Inc.
Lipper Natural Resource Funds Index	is an unmanaged index considered representative of natural resource funds tracked by Lipper.	Lipper, Inc.
Lipper New York Municipal Debt Funds Index	is an unmanaged index considered representative of New York municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper Pacific Region ex-Japan Funds Index	is an unmanaged index considered representative of Pacific region ex-Japan funds tracked by Lipper.	Lipper, Inc.
Lipper Pacific Region Funds Index	is an unmanaged index considered representative of Pacific region funds tracked by Lipper.	Lipper, Inc.
Lipper Pennsylvania Municipal Debt Funds Index	is an unmanaged index considered representative of Pennsylvania municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper Precious Metals Equity Funds Index	is an unmanaged index considered representative of precious metals funds tracked by Lipper.	Lipper, Inc.
Lipper Real Estate Funds Index	is an unmanaged index considered representative of real estate funds tracked by Lipper.	Lipper, Inc.
Lipper S&P 500 Objective Funds Index	is an unmanaged index considered representative of S&P 500 funds tracked by Lipper.	Lipper, Inc.

Index	Definition	Source
Lipper Science & Technology Funds Index	is an unmanaged index considered representative of science and technology funds tracked by Lipper.	Lipper, Inc.
Lipper Short Investment Grade Debt Funds Index	is an unmanaged index considered representative of short investment-grade debt funds tracked by Lipper.	Lipper, Inc.
Lipper Short U.S. Treasury Funds Classification Average	represents an average of all funds in the Lipper Short U.S. Treasury Funds classification.	Lipper, Inc.
Lipper Short-Intermediate Municipal Debt Funds Classification Average	represents an average of all funds in the Lipper Short-Intermediate Municipal Debt Classification Average.	Lipper, Inc.
Lipper Short-Intermediate Municipal Debt Funds Index	is an unmanaged index considered representative of short-intermediate municipal debt funds tracked by Lipper.	Lipper, Inc.
Lipper Small-Cap Core Funds Index	is an unmanaged index considered representative of small-cap core funds tracked by Lipper.	Lipper, Inc.
Lipper Small-Cap Growth Funds Index	is an unmanaged index considered representative of small-cap growth funds tracked by Lipper.	Lipper, Inc.
Lipper Small-Cap Value Funds Index	is an unmanaged index considered representative of small-cap value funds tracked by Lipper.	Lipper, Inc.
Lipper Specialty Diversified Equity Funds Index	is an unmanaged index considered representative of the specialty diversified equity funds tracked by Lipper.	Lipper, Inc.
Lipper Specialty/Miscellaneous Funds Classification Average	**Invesco does not use this average**	Lipper, Inc.
Lipper Ultra Short Funds Index	is an unmanaged index considered representative of ultra-short funds tracked by Lipper.	Lipper, Inc.
Lipper Ultra Short Obligations Funds Classification Average	represents an average of bond funds tracked by Lipper have a weighted average durations of less than one year.	Lipper, Inc.
Lipper Utility Funds Index	is an unmanaged index considered representative of utility funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Absolute Return Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Absolute Return Funds Classification.	Lipper, Inc.
Lipper VUF Core Plus Bond Funds Index	is an unmanaged index considered representative of core plus bond variable insurance underlying funds tracked by Lipper.	Lipper, Inc.

Index	Definition	Source
Lipper VUF Corporate Debt BBB-Rated Funds Index	is an unmanaged index considered representative of corporate debt BBB-rated variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Equity Income Funds Index	is an unmanaged index considered representative of equity income variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Financial Services Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Financial Services Funds classification.	Lipper, Inc.
Lipper VUF General U.S. Government Funds Index	is an unmanaged index considered representative of general US government variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Global Core Funds Index	is an unmanaged index considered representative of global core variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Global Flexible Portfolio Funds Classification Average	is an average of all variable insurance underlying funds tracked by the Lipper Global Flexible Portfolio Funds classification.	Lipper, Inc.
Lipper VUF Global Multi-Cap Value Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Global Multi Cap Value Funds classification.	Lipper, Inc.
Lipper VUF Health/Biotechnology Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Health/Biotechnology Funds classification.	Lipper, Inc.
Lipper VUF High Yield Bond Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper High Yield Bond Funds classification.	Lipper, Inc.
Lipper VUF International Growth Funds Index	is an unmanaged index considered representative of international growth variable insurance underlying funds tracked by Lipper. *Lipper has terminated calculation of this index*	Lipper, Inc.
Lipper VUF International Large-Cap Growth Funds Index	is an unmanaged index considered representative of international large-cap growth variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Large-Cap Core Funds Index	is an unmanaged index considered representative of large-cap core variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Large-Cap Growth Funds Index	is an unmanaged index considered representative of large-cap growth variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Large-Cap Value Funds Index	is an unmanaged index considered representative of large-cap value variable insurance underlying funds tracked by Lipper.	Lipper, Inc.

Index	Definition	Source
Lipper VUF Mid Cap Value Funds Index	is an unmanaged index considered representative of mid-cap value variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Mid-Cap Core Funds Index	is an unmanaged index considered representative of mid-cap core variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Mid-Cap Growth Funds Index	is an unmanaged index considered representative of mid-cap growth variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Mixed-Asset Target Allocation Growth Funds Index	is an unmanaged index considered representative of mixed-asset target allocation growth variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Mixed-Asset Target Allocation Moderate Funds Index	is an unmanaged index considered representative of mixed-asset target allocation moderate variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Multi-Cap Core Funds Index	is an unmanaged index considered representative of multicap core variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Multi-Cap Growth Funds Classification Average	represents an average of all of the variable insurance underlying funds in the Lipper Multi-Cap Growth Funds classification.	Lipper, Inc.
Lipper VUF Multi-Cap Value Funds Index	is an unmanaged index considered representative of multicap value variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Real Estate Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Real Estate Funds classification.	Lipper, Inc.
Lipper VUF S&P 500 Funds Index	is an unmanaged index considered representative of S&P 500 variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Science & Technology Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Science & Technology Funds classification.	Lipper, Inc.
Lipper VUF Small-Cap Core Funds Index	is an unmanaged index considered representative of small-cap core variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Small-Cap Growth Funds Index	is an unmanaged index considered representative of small-cap growth variable insurance underlying funds tracked by Lipper.	Lipper, Inc.
Lipper VUF Utility Funds Classification Average	represents an average of all variable insurance underlying funds in the Lipper Utility Funds classification.	Lipper, Inc.

<b>Index</b>	<b>Definition</b>	<b>Source</b>
Morningstar Aggressive Allocation Category Average	represents an average of all funds in the Morningstar Aggressive Allocation category.	©Morningstar, Inc.
Morningstar Bank Loan Category Average	represents an average of all funds in the Morningstar Bank Loan category.	©Morningstar, Inc.
Morningstar China Region Category Average	represents an average of all funds in the Morningstar China Region category.	©Morningstar, Inc.
Morningstar Commodities Broad Basket Category Average	represents an average of all funds in the Morningstar Commodities Broad Basket category.	©Morningstar, Inc.
Morningstar Conservative Allocation Category Average	represents an average of all funds in the Morningstar Conservative Allocation category.	©Morningstar, Inc.
Morningstar Consumer Discretionary Category Average	represents an average of all funds in the Morningstar Consumer Discretionary category.	©Morningstar, Inc.
Morningstar Convertibles Category Average	represents an average of all funds in the Morningstar Convertibles category.	©Morningstar, Inc.
Morningstar Currency Category Average	represents an average of all funds in the Morningstar Currency category.	©Morningstar, Inc.
Morningstar Diversified Emerging Markets Category Average	represents an average of all funds in the Morningstar Diversified Emerging Markets category.	©Morningstar, Inc.
Morningstar Diversified Emerging Markets Category Average	represents an average of all funds in the Morningstar Diversified Emerging Markets category.	©Morningstar, Inc.
Morningstar Diversified Pacific/Asia Category Average	represents an average of all funds in the Morningstar Diversified Pacific/Asia category.	©Morningstar, Inc.
Morningstar Emerging Markets Bond Category Average	represents an average of all funds in the Morningstar Emerging Markets Bond category.	©Morningstar, Inc.
Morningstar Equity Energy Category Average	represents an average of all funds in the Morningstar Equity Energy category.	©Morningstar, Inc.
Morningstar Equity Precious Metals Category Average	represents an average of all funds in the Morningstar Equity Precious Metals category.	©Morningstar, Inc.
Morningstar Europe Stock Category Average	represents an average of all funds in the Morningstar Europe Stock category.	©Morningstar, Inc.
Morningstar Financial Category Average	represents an average of all funds in the Morningstar Financial	©Morningstar, Inc.

Index	Definition	Source
	category.	
Morningstar Foreign Large Blend Category Average	represents an average of all funds in the Morningstar Foreign Large Blend category.	©Morningstar, Inc.
Morningstar Foreign Large Growth Category Average	represents an average of all funds in the Morningstar Foreign Large Growth category.	©Morningstar, Inc.
Morningstar Foreign Large Value Category Average	represents an average of all funds in the Morningstar Foreign Large Value category.	©Morningstar, Inc.
Morningstar Foreign Small/Mid Growth Category Average	represents an average of all funds in the Morningstar Foreign Small/Mid Growth category.	©Morningstar, Inc.
Morningstar Global Real Estate Category Average	represents an average of all funds in the Morningstar Global Real Estate category.	©Morningstar, Inc.
Morningstar Health Category Average	represents an average of all funds in the Morningstar Health category.	©Morningstar, Inc.
Morningstar High Yield Bond Category Average	represents an average of all funds in the Morningstar High Yield Bond category.	©Morningstar, Inc.
Morningstar High Yield Muni Category Average	represents an average of all funds in the Morningstar High Yield Muni category.	©Morningstar, Inc.
Morningstar Intermediate Government Category Average	represents an average of all funds in the Morningstar Intermediate Government category.	©Morningstar, Inc.
Morningstar Intermediate Government Category Average	represents an average of all funds in the Morningstar Intermediate Government category.	©Morningstar, Inc.
Morningstar Intermediate-Term Bond Category Average	represents an average of all funds in the Morningstar Intermediate-Term Bond category.	©Morningstar, Inc.
Morningstar Japan Stock Category Average	represents an average of all funds in the Morningstar Japan Stock category.	©Morningstar, Inc.
Morningstar Large Blend Category Average	represents an average of all funds in the Morningstar Large Blend category.	©Morningstar, Inc.
Morningstar Large Growth Category Average	represents an average of all funds in the Morningstar Large Growth category.	©Morningstar, Inc.
Morningstar Large Value Category Average	represents an average of all funds in the Morningstar Large Value category.	©Morningstar, Inc.



<b>Index</b>	<b>Definition</b>	<b>Source</b>
Morningstar Mid-Cap Blend Category Average	represents an average of all funds in the Morningstar Mid-Cap Blend category.	©Morningstar, Inc.
Morningstar Mid-Cap Growth Category Average	represents an average of all funds in the Morningstar Mid-Cap Growth category.	©Morningstar, Inc.
Morningstar Mid-Cap Value Category Average	represents an average of all funds in the Morningstar Mid-Cap Value category.	©Morningstar, Inc.
Morningstar Moderate Allocation Category Average	represents an average of all funds in the Morningstar Moderate Allocation category.	©Morningstar, Inc.
Morningstar Multialternative Category Average	represents an average of all funds in the Morningstar Multialternative category.	©Morningstar, Inc.
Morningstar Multisector Bond Category Average	represents an average of all funds in the Morningstar Multisector Bond category.	©Morningstar, Inc.
Morningstar Muni California Long Category Average	represents an average of all funds in the Morningstar Muni California Long category.	©Morningstar, Inc.
Morningstar Muni National Intermediate Category Average	represents an average of all funds in the Morningstar Muni National Intermediate category.	©Morningstar, Inc.
Morningstar Muni National Long Category Average	represents an average of all funds in the Morningstar Muni National Long category.	©Morningstar, Inc.
Morningstar Muni National Short Category Average	represents an average of all funds in the Morningstar Muni National Short category.	©Morningstar, Inc.
Morningstar Muni New York Long Category Average	represents an average of all funds in the Morningstar Muni New York Long category.	©Morningstar, Inc.
Morningstar Muni Pennsylvania Category Average	represents an average of all funds in the Morningstar Muni Pennsylvania category.	©Morningstar, Inc.
Morningstar Pacific/Asia ex-Japan Stock Category Average	represents an average of all funds in the Morningstar Pacific/Asia ex-Japan Stock category.	©Morningstar, Inc.
Morningstar Real Estate Category Average	represents an average of all funds in the Morningstar Real Estate category.	©Morningstar, Inc.
Morningstar Retirement Income Category Average	represents an average of all funds in the Morningstar Retirement Income category.	©Morningstar, Inc.

<b>Index</b>	<b>Definition</b>	<b>Source</b>
Morningstar Short Government Category Average	represents an average of all funds in the Morningstar Short Government category.	©Morningstar, Inc.
Morningstar Short-Term Bond Category Average	represents an average of all funds in the Morningstar Short-Term Bond category.	©Morningstar, Inc.
Morningstar Small Blend Category Average	represents an average of all funds in the Morningstar Small Blend category.	©Morningstar, Inc.
Morningstar Small Growth Category Average	represents an average of all funds in the Morningstar Small Growth category.	©Morningstar, Inc.
Morningstar Small Growth Category Average	represents an average of all funds in the Morningstar Small Growth category.	©Morningstar, Inc.
Morningstar Small Value Category Average	represents an average of all funds in the Morningstar Small Value category.	©Morningstar, Inc.
Morningstar Target-Date 2000-2010 Category Average	represents an average of all funds in the Morningstar Target-Date 2000-2010 category.	©Morningstar, Inc.
Morningstar Target-Date 2016-2020 Category Average	represents an average of all funds in the Morningstar Target-Date 2016-2020 category.	©Morningstar, Inc.
Morningstar Target-Date 2026-2030 Category Average	represents an average of all funds in the Morningstar Target-Date 2026-2030 category.	©Morningstar, Inc.
Morningstar Target-Date 2036-2040 Category Average	represents an average of all funds in the Morningstar Target-Date 2036-2040 category.	©Morningstar, Inc.
Morningstar Target-Date 2050+ Category Average	represents an average of all funds in the Morningstar Target-Date 2050+ category.	©Morningstar, Inc.
Morningstar Technology Category Average	represents an average of all funds in the Morningstar Technology category.	©Morningstar, Inc.
Morningstar Ultrashort Bond Category Average	represents an average of all funds in the Morningstar Ultrashort Bond category.	©Morningstar, Inc.
Morningstar Ultrashort Bond Category Average	represents an average of all funds in the Morningstar Ultrashort Bond category.	©Morningstar, Inc.
Morningstar Utilities Category Average	represents an average of all funds in the Morningstar Utilities category.	©Morningstar, Inc.
Morningstar World Allocation Category Average	represents an average of all funds in the Morningstar World Allocation category.	©Morningstar, Inc.

Index	Definition	Source
Morningstar World Bond Category Average	represents an average of all funds in the Morningstar World Bond category.	©Morningstar, Inc.
Morningstar World Stock Category Average	represents an average of all funds in the Morningstar World Stock category.	©Morningstar, Inc.
MSCI ACWI ex USA Small Cap Growth	represents the performance of small-cap growth stocks in developed and emerging markets, excluding the US. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World ex USA Small Cap Index	represents the performance of small-cap stocks in developed and emerging markets, excluding the US. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World Ex-U.S. Index	is an index considered representative of developed and emerging market stock markets, excluding the US. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World Ex-U.S. Index	is an index considered representative of developed and emerging stock markets, excluding the U.S. The index is	FactSet Research Systems Inc.
MSCI All Country Asia Pacific ex-Japan Index (ND)	is an unmanaged index considered representative of Asia Pacific region stock markets, excluding Japan. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country Asia Pacific Index (ND)	is an unmanaged index considered representative of Asia Pacific region stock markets. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World ex-U.S. Growth Index	is an unmanaged index considered representative of growth stocks across developed and emerging markets, excluding the US. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World Growth Index	is an unmanaged index considered representative of large- and mid-cap growth stocks of developed and emerging markets. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.

Index	Definition	Source
MSCI All Country World Index	is an unmanaged index considered representative of large- and mid-cap stocks across developed and emerging markets. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World Small and Mid Cap Growth Index	is an unmanaged index designed to measure small and mid-cap growth stocks across developed and emerging markets. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI All Country World Small Mid Cap Index	is an unmanaged index designed to measure small and mid-cap stocks across developed and emerging markets. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI China 10/40 Index	is an unmanaged index designed to measure equity market performance in China, taking into consideration concentration constraints applicable to funds registered for sale in Europe pursuant to the UCITS III Directive. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI China Index	is an unmanaged index considered representative of Chinese stocks. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI EAFE Growth Index	is an unmanaged index considered representative of growth stocks of Europe, Australasia and the Far East. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI EAFE Index	is an unmanaged index considered representative of stocks of Europe, Australasia and the Far East. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI Emerging Markets Index	is an unmanaged index considered representative of stocks of developing countries. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI Europe Growth Index	is an unmanaged index considered representative of European growth stocks. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.

Index	Definition	Source
MSCI Europe Index	captures large and mid cap representation across 15 Developed Markets (DM) countries in Europe. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI Europe Small Cap Index	is an unmanaged index considered representative of small-cap European stocks. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI Golden Dragon Index	captures the equity market performance of large- and mid-cap China securities and non-domestic China securities listed in Hong Kong and Taiwan. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI Japan Index	is an unmanaged index considered representative of Japanese stocks. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI U.S. REIT Index	is an unmanaged index considered representative of real estate equity performance. The index is computed using the gross return, which does not withhold taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI World Energy Index	is designed to capture the performance of energy stocks across developed market countries. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI World ex-U.S. Small Cap Index	is an unmanaged index considered representative of small-cap stocks of global developed markets, excluding the US. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI World Growth Index	is an unmanaged index considered representative of growth stocks of developed countries. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI World Health Care Index	is an unmanaged index considered representative of health care stocks of developed countries. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.

Index	Definition	Source
MSCI World Index	is an unmanaged index considered representative of stocks of developed countries. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI World Small Cap Index	is an unmanaged index considered representative of small-cap stocks of global developed markets. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
MSCI World Value Index	is an unmanaged index considered representative of value stocks of developed countries. The index is computed using the net return, which withholds applicable taxes for non-resident investors.	FactSet Research Systems Inc.
NASDAQ Composite Index	is a broad-based, capitalization-weighted, total return index of all Nasdaq domestic and international based common type stocks listed on The Nasdaq Stock Market.	FactSet Research Systems Inc.
NYSE Arca Technology 100 Index	is a price-weighted index comprising common stocks and American Depositary Receipts of technology-related companies listed on US exchanges.	FactSet Research Systems Inc.
Philadelphia Gold & Silver Index (Price Only)	is a capitalization-weighted, price-only index on the Philadelphia Stock Exchange that includes the leading companies involved in mining gold and silver.	FactSet Research Systems Inc.
Russell 1000 Growth Index	is an unmanaged index considered representative of large-cap growth stocks. The Russell 1000 Growth Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 1000 Index	is an unmanaged index considered representative of large-cap stocks. The Russell 1000 Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 1000 Value Index	is an unmanaged index considered representative of large-cap value stocks. The Russell 1000 Value Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 2000 Growth Index	is an unmanaged index considered representative of small-cap growth stocks. The Russell 2000 Growth Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.

Index	Definition	Source
Russell 2000 Index	is an unmanaged index considered representative of small-cap stocks. The Russell 2000 Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 2000 Value Index	is an unmanaged index considered representative of small-cap value stocks. The Russell 2000 Value Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 2500 Value Index	measures the performance of those Russell 2500 companies with lower price-to-book ratios and lower forecasted growth values. The Russell 2500™ Value Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 3000 Index	is an unmanaged index considered representative of the US stock market. The Russell 3000 Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell 3000 Value Index	is an unmanaged index considered representative of US value stocks. The Russell 3000 Value Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell Midcap Growth Index	is an unmanaged index considered representative of mid-cap growth stocks. The Russell Midcap Growth Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell Midcap Index	is an unmanaged index considered representative of mid-cap stocks. The Russell Midcap Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
Russell Midcap Value Index	is an unmanaged index considered representative of mid-cap value stocks. The Russell Midcap Value Index is a trademark/service mark of the Frank Russell Co. Russell® is a trademark of the Frank Russell Co.	FactSet Research Systems Inc.
S&P 1500 Value Index	combines the value stocks of the S&P 500, S&P MidCap 400 and the S&P SmallCap 600 indexes.	FactSet Research Systems Inc.
S&P 500 Consumer Discretionary Index	is an unmanaged index considered representative of the consumer discretionary market.	FactSet Research Systems Inc.
S&P 500 Equal Weight Index	is the equally weighted version of the S&P 500® Index.	FactSet Research Systems Inc.
S&P 500 Financials Index	is an unmanaged index considered representative of the financial	FactSet Research Systems Inc.

Index	Definition	Source
	market.	
S&P 500 Health Care Index	is an unmanaged index considered representative of the health care market.	FactSet Research Systems Inc.
S&P 500 Index	is an unmanaged index considered representative of the U.S. stock market.	FactSet Research Systems Inc.
S&P 500 Utilities Index	is an unmanaged index considered representative of the utilities market.	FactSet Research Systems Inc.
S&P Municipal Bond 2-17 Years Investment Grade Index	is composed of market value-weighted investment grade U.S. municipal bonds and seeks to measure the performance of U.S. municipals whose maturities are equal to or greater than two years but less than 17 years.	FactSet Research Systems Inc.
S&P Municipal Bond 5+ Year Investment Grade Index	is composed of market value-weighted investment grade US municipal bonds that seek to measure the performance US municipals with maturities equal to or greater than five years.	FactSet Research Systems Inc.
S&P Municipal Bond California 5+ Year Investment Grade Index	is an unmanaged index considered representative of investment-grade municipal bonds issued in California with maturities of five years or greater.	FactSet Research Systems Inc.
S&P Municipal Bond High Yield Index	consists of bonds in the S&P Municipal Bond Index that are not rated or are rated below investment grade.	FactSet Research Systems Inc.
S&P Municipal Bond Index	is a broad, market value-weighted index that seeks to measure the performance of the US municipal bond market.	FactSet Research Systems Inc.
S&P Municipal Bond Investment Grade Short Intermediate Index	is an unmanaged index considered representative of investment-grade US municipal bonds with maturities between one and eight years.	FactSet Research Systems Inc.
S&P Municipal Bond New York 5+ Year Investment Grade Index	is composed of market value-weighted investment grade US municipal bonds that seek to measure the performance of New York issued US municipals with maturities equal to or greater than five years.	FactSet Research Systems Inc.
S&P Municipal Bond Pennsylvania 5+ Year Investment Grade Index	is a sub-set of the broad S&P Municipal Bond Index. This index of market value-weighted investment grade US municipal bonds seeks to measure the performance of Pennsylvania issued US municipals whose maturities are equal to or greater than five years.	FactSet Research Systems Inc.
S&P North American Technology Sector Index	is a capitalization-weighted index considered representative of the technology industry.	FactSet Research Systems Inc.



Index	Definition	Source
S&P/LSTA Leveraged Loan Index	reflects the market-value-weighted performance of U.S. dollar denominated institutional leveraged loans.	S&P Dow Jones Indices LLC
The BofA Merrill Lynch 100 Technology Index	is a price-only index designed to measure the performance of a cross section of 100 large, actively traded technology stocks and American Depositary Receipts.	Bloomberg LP
The BofA Merrill Lynch 1-10 Year Treasury Index	tracks the performance of US Treasury securities with maturities between one and 10 years.	FactSet Research Systems Inc.
The BofA Merrill Lynch 1-5 Year US Inflation-Linked Treasury Index	is a subset of The BofA Merrill Lynch US Inflation-Linked Treasury Index including all securities with a remaining term to final maturity less than five years.	FactSet Research Systems Inc.
The BofA Merrill Lynch 3-7 Year Municipal Index	is an unmanaged index comprising bonds with outstanding par of at least \$25 million and maturities of three to seven years.	FactSet Research Systems Inc.
The BofA Merrill Lynch All U.S. Convertibles Index	tracks the performance of US-dollar-denominated convertible securities that are not currently in bankruptcy and have total market values of more than \$50 million at issuance.	FactSet Research Systems Inc.
The BofA Merrill Lynch Current 10 Year Treasury Index	is a one-security index composed of the most recently issued 10-year US Treasury Note. The index is rebalanced monthly.	Bloomberg LP
The BofA Merrill Lynch U.S. Treasury Bill Index	measures total return on cash, including price and interest income, based on short term government Treasury Bills.	Bloomberg LP
Tokyo Stock Price Index (Price Only)	is a capitalization-weighted index of large and mid-sized companies listed on the Tokyo Stock Exchange.	Bloomberg LP
U.S. 3-Month Treasury Bill Index	is tracked by Lipper to provide performance for the three-month US Treasury bill.	Lipper, Inc.
U.S. Three-Month LIBOR	is the average interest rate at which a selection of banks in London are prepared to lend to one another in American dollars with a maturity of three months.	Bloomberg LP
US Consumer Price Index	is a measure of change in consumer prices as determined by the US Bureau of Labor Statistics.	Bloomberg LP
USD Overnight LIBOR	reflects the rates at which banks will lend money to each other in US dollars.	Bloomberg LP

