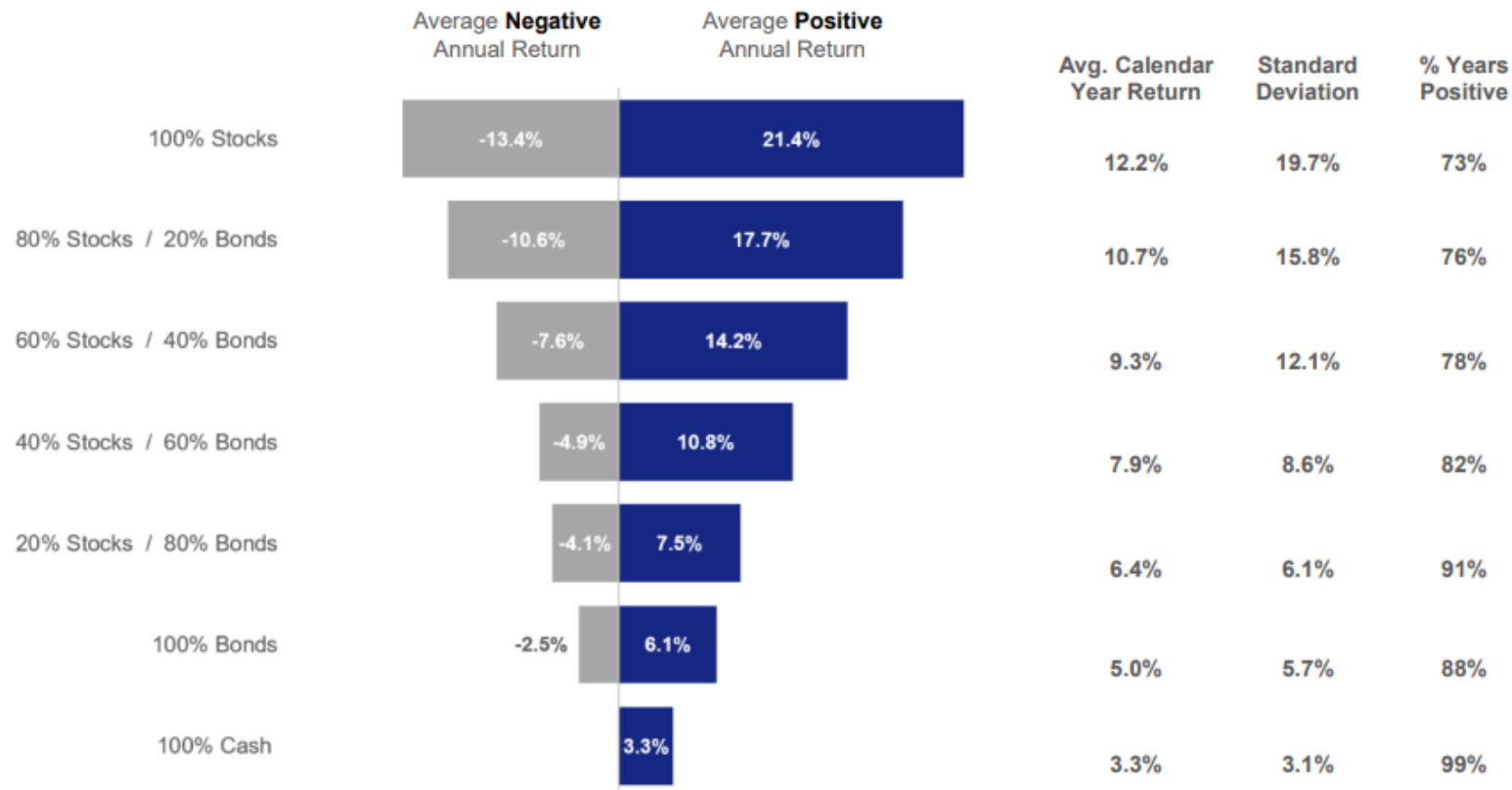


# Asset allocation is a powerful tool

## The relationship between upside and downside potential

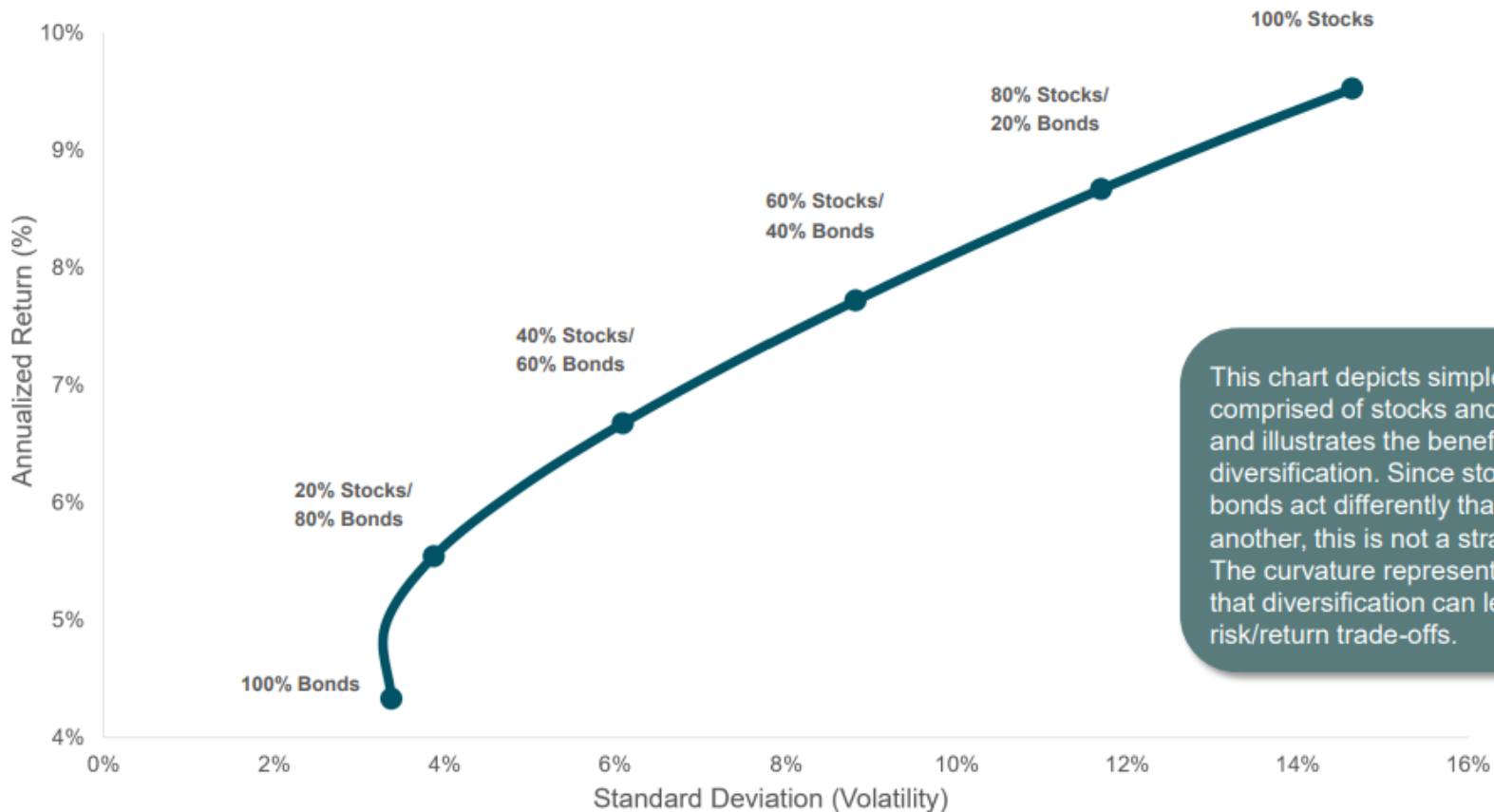
(1926 to 2023)



Source: Baird research, Ibbotson. Stocks are represented by the Ibbotson® S&P 500® US Large-Cap Stocks (Total Return), bonds are represented by Ibbotson® S&P 500® US Intermediate-term (5-Year) Government Bonds (Total Return), and cash is represented by Ibbotson® S&P 500® US (30-Day) Treasury Bills. These allocations are rebalanced annually. Indices are unmanaged and are not available for direct investment. **Past performance is not a guarantee of future results.**

# Diversification can lead to better risk/return trade-offs

## The Efficient Frontier



This chart depicts simple portfolios comprised of stocks and/or bonds and illustrates the benefits of diversification. Since stocks and bonds act differently than one another, this is not a straight line. The curvature represents the fact that diversification can lead to better risk/return trade-offs.

Source: Standard and Poor's, Barclays. For the 20-year period ending December 31, 2023. Stocks are represented by the S&P 500 Index, bonds by the Barclays Aggregate Bonds Index. The S&P 500 Index is a well-known gauge of stock market movements determined by the weighted capitalization of the 500 leading U.S. common stocks. The Barclays Aggregate Bond index is a broad U.S. bond benchmark composed of Treasury, government-related, corporate and securitized bonds. It includes investment-grade securities that have at least one year to maturity and an outstanding par value of at least \$250 million. These allocations were rebalanced monthly. Indices are unmanaged and are not available for direct investment. Diversification does not guarantee a profit, nor does it ensure against loss. **Past performance is not a guarantee of future results.** Standard deviation is a statistical measure of performance dispersion. The higher the measure, the more volatile the historical return pattern.

# Asset Class Correlations

## 10-Year Asset Class Correlation (monthly returns)

	Large Value	Large Growth	Mid Cap	Small Cap	Inter-national	Taxable Bonds	Municipal Bonds	Cash	Comm-odities	Real Estate	Emerging Markets	High Yield Bonds	Gold	Floating Rate	Global Bonds	
Large Value	1.00															
Large Growth	0.82	1.00						Correlation Legend								
Mid-Cap	0.96	0.89	1.00					High	0.70 - 0.99							
Small-Cap	0.89	0.80	0.95	1.00				Moderate	0.30 - 0.69							
International	0.87	0.80	0.87	0.78	1.00			Low	less than 0.30							
Taxable Bonds	0.25	0.42	0.35	0.25	0.39	1.00										
Municipal Bonds	0.30	0.41	0.39	0.29	0.45	0.86	1.00									
Cash	-0.22	-0.12	-0.22	-0.23	-0.10	0.07	-0.03	1.00								
Commodities	0.51	0.32	0.45	0.41	0.51	-0.07	0.03	-0.06	1.00							
Real Estate	0.77	0.73	0.82	0.72	0.69	0.55	0.57	-0.15	0.33	1.00						
Emerging Markets	0.71	0.66	0.71	0.64	0.90	0.38	0.42	-0.01	0.50	0.57	1.00					
High Yield Bonds	0.79	0.75	0.85	0.77	0.81	0.48	0.53	-0.21	0.51	0.73	0.71	1.00				
Gold	0.02	0.12	0.06	-0.05	0.18	0.42	0.33	0.18	0.19	0.16	0.29	0.20	1.00			
Floating Rate	0.52	0.43	0.57	0.53	0.49	0.11	0.22	-0.29	0.34	0.48	0.47	0.70	0.06	1.00		
Global Bonds	0.27	0.43	0.26	0.26	0.29	0.84	0.74	-0.02	-0.12	0.59	0.25	0.48	0.35	0.22	1.00	

Asset allocation and diversification are founded on the concept of correlation. Correlation measures how two variables relate to one another.

A correlation of +1 indicates that two variables are perfectly related; -1 indicates a perfectly inverted relationship.

Combining asset classes with lower correlation helps to temper volatility (although it does not guarantee against future loss).

Source: Vestek; Russell indices; Standard & Pooers; For the 10-year period ending December 31, 2023; Baird Analysis. Asset classes are represented by the following benchmarks: Russell 1000 Value® (Large Value), Russell 1000 Growth® (Large Growth), Russell Midcap® (Mid Cap), Russell 2000® (Small Cap), MSCI EAFE (Int'l), BbgBarclays Intermediate Govt/Credit (Taxable Bonds), Bbg Barclays Municipal (Municipal Bonds), FTSE 3-month T-bills (cash), Bloomberg Commodity (Commodities), Dow Jones US REIT (Real Estate), MSCI Emerging Markets (Emerging Markets), ICE BofAML US Corp High Yield (High Yield), Bbg Barclays Floating Rate, Bbg Barclays Global ex-US Aggregate, Gold spot price. See important disclosures and definitions included with this publication. Correlation does not guarantee against market losses.

# Rolling Asset Class Returns (last 20 years)

Annual Returns																			
2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
International 20.7%	Commodities 17.5%	International 20.9%	Gold 31.9%	Taxable Bonds 5.1%	Mid Cap 40.5%	Gold 29.2%	Municipal Bonds 10.1%	International 17.9%	Small Cap 38.8%	Large Cap Value 13.5%	Large Cap Growth 5.7%	Small Cap 21.3%	Large Cap Growth 30.2%	Cash 1.9%	Large Cap Growth 36.4%	Large Cap Growth 38.5%	Large Cap Growth 27.6%	Commodities 16.1%	Large Cap Growth 42.7%
Mid Cap 20.2%	Gold 17.1%	Gold 32.3%	Large Cap Growth 11.8%	Municipal Bonds 4.6%	Large Cap Growth 37.2%	Small Cap 26.9%	Gold 8.8%	Large Cap Value 17.5%	Mid Cap 34.8%	Mid Cap 13.2%	Municipal Bonds 3.3%	Large Cap Value 17.3%	International 25.8%	Municipal Bonds 1.3%	Mid Cap 30.5%	Gold 24.6%	Commodities 27.1%	Cash 1.5%	International 18.9%
Small Cap 18.3%	International 14.0%	Large Cap Value 22.3%	International 11.6%	Gold 4.3%	International 32.5%	Mid Cap 25.5%	Taxable Bonds 7.8%	Mid Cap 17.3%	Large Cap Growth 33.5%	Large Cap Growth 13.1%	Taxable Bonds 1.1%	Mid Cap 13.8%	Mid Cap 18.5%	Taxable Bonds 0.0%	Large Cap Value 26.5%	Small Cap -20.0%	Large Cap Value 25.2%	Gold 0.4%	Mid Cap 17.2%
Large Cap Value 16.5%	Mid Cap 12.7%	Small Cap 18.4%	Commodities 11.1%	Cash 1.8%	Small Cap 27.2%	Commodities 16.7%	Large Cap Growth 2.8%	Small Cap 16.4%	Large Cap Value 32.5%	Municipal Bonds 6.1%	Cash 0.1%	Commodities 11.4%	Small Cap 14.0%	Gold -0.8%	Small Cap 25.5%	Mid Cap 17.1%	Mid Cap 22.6%	Large Cap Value -7.5%	Small Cap 16.9%
Equally Weighted 10.2%	Equally Weighted 8.5%	Mid Cap 15.3%	Equally Weighted 8.9%	Equally Weighted -21.5%	Gold 26.0%	Large Cap Growth 16.7%	Large Cap Value 0.4%	Large Cap Growth 15.3%	International 23.3%	Taxable Bonds 6.0%	International -0.4%	Equally Weighted 8.4%	Large Cap Value 13.7%	Large Cap Growth -1.5%	International 22.7%	Equally Weighted 12.1%	Small Cap 14.6%	Municipal Bonds -8.5%	Gold 14.6%
Commodities 7.6%	Large Cap Value 7.1%	Equally Weighted 12.5%	Taxable Bonds 7.4%	Small Cap -33.9%	Equally Weighted 21.4%	Large Cap Value 15.5%	Cash 0.1%	Equally Weighted 10.3%	Equally Weighted 12.3%	Small Cap 4.9%	Mid Cap -2.4%	Gold 6.1%	Gold 12.7%	Equally Weighted -5.4%	Gold 18.4%	International 8.3%	Equally Weighted 12.4%	Equally Weighted -9.2%	Equally Weighted 13.1%
Large Cap Growth 6.3%	Large Cap Growth 5.3%	Large Cap Growth 8.1%	Mid Cap 5.6%	Commodities -36.6%	Large Cap Value 19.7%	Equally Weighted 15.0%	Equally Weighted -0.1%	Gold 8.3%	Cash 0.1%	Equally Weighted 3.5%	Equally Weighted -3.7%	Large Cap Growth 7.1%	Equally Weighted 12.5%	Large Cap Value -8.3%	Equally Weighted 16.4%	Taxable Bonds 7.5%	International 11.8%	Taxable Bonds -13.0%	Large Cap Value 11.5%
Gold 5.9%	Small Cap 4.6%	Cash 4.6%	Municipal Bonds 5.1%	Large Cap Value -36.9%	Commodities 19.7%	International 8.2%	Mid Cap -1.6%	Municipal Bonds 6.8%	Municipal Bonds -1.0%	Gold 0.1%	Large Cap Value -3.8%	Taxable Bonds 2.6%	Municipal Bonds 6.4%	Mid Cap -9.1%	Taxable Bonds 8.7%	Municipal Bonds 5.2%	Municipal Bonds 1.5%	International -14.0%	Municipal Bonds 6.4%
Municipal Bonds 3.2%	Cash 3.0%	Taxable Bonds 4.1%	Cash 4.7%	Large Cap Growth -38.4%	Municipal Bonds 7.5%	Taxable Bonds 6.5%	Small Cap -4.2%	Taxable Bonds 4.2%	Taxable Bonds -2.0%	Cash 0.0%	Small Cap -4.4%	International 1.5%	Taxable Bonds 3.5%	Small Cap -11.0%	Municipal Bonds 7.5%	Large Cap Value 2.8%	Cash 0.0%	Mid Cap -17.3%	Taxable Bonds 5.5%
Taxable Bonds 3.9%	Municipal Bonds 1.7%	Municipal Bonds 4.0%	Large Cap Value -0.2%	Mid Cap -41.5%	Taxable Bonds 5.2%	Municipal Bonds 4.6%	International -11.7%	Cash 0.1%	Commodities -6.0%	International -4.5%	Gold -12.1%	Cash 0.3%	Commodities 0.8%	Commodities -13.0%	Commodities 5.4%	Cash 0.7%	Taxable Bonds -1.5%	Small Cap -20.4%	Cash 5.2%
Cash 1.2%	Taxable Bonds 1.6%	Commodities -2.7%	Small Cap -1.6%	International -43.1%	Cash 0.2%	Cash 0.1%	Commodities -13.4%	Commodities -1.1%	Gold 27.3%	Commodities -17.0%	Commodities -24.7%	Municipal Bonds 0.2%	Cash 0.8%	International -13.4%	Cash 2.3%	Commodities -3.5%	Gold -4.3%	Large Cap Growth -29.1%	Commodities -7.9%

Source: FactSet; Standard & Poor's. As of December 31, 2023. Annualized return, volatility (as measured by standard deviation) and Risk-Adj. Return (as measured by Sharpe ratio) are calculated as of the most recent quarter-end. Large Growth is represented by Russell 1000® Growth Index. Large Value is represented by Russell 1000® Value Index. Mid Cap is represented by Russell Midcap® Index. Small Cap is represented by Russell 2000® Index. Taxable bonds is represented by BbgBarc. Intermediate Govt/Credit Bond Index. Municipal bonds is represented by the BbgBarc Municipal Index. International is represented by The MSCI EAFE Index. Cash is represented by FTSE 3 month T-bills. Satellite is an equally-weighted return of the following indices, rebalanced monthly: ICE BofAML US High Yield (High Yield) DJ US Select REIT (Real Estate), Bloomberg Commodity (Commodities), and MSCI Emerging Markets (Emerging Markets). Indices are unmanaged and are used to measure and report performance of various sectors of the market. Past performance is no guarantee of future results and diversification does not ensure against loss. Direct investment in indices is not available. The Russell Indices are a trademark of the Frank Russell Company. Russell® is a trademark of the Frank Russell Company.

# Rolling Asset Class Returns (last 10 years)

Annual Returns										Annualized (through quarter-end)		
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	3-Year	5-Year	10-Year
Large Cap Value 13.5%	Large Cap Growth 5.7%	Small Cap 21.3%	Large Cap Growth 30.2%	Cash 1.9%	Large Cap Growth 36.4%	Large Cap Growth 38.5%	Large Cap Growth 27.6%	Commodities 16.1%	Large Cap Growth 42.7%	Commodities 10.8%	Large Cap Growth 19.5%	Large Cap Growth 14.9%
Mid Cap 13.2%	Municipal Bonds 3.3%	Large Cap Value 17.3%	International 25.6%	Municipal Bonds 1.3%	Mid Cap 30.5%	Gold 24.8%	Commodities 27.1%	Cash 1.5%	International 18.9%	Large Cap Growth 8.9%	Mid Cap 12.7%	Mid Cap 9.4%
Large Cap Growth 13.1%	Taxable Bonds 1.1%	Mid Cap 13.8%	Mid Cap 18.5%	Taxable Bonds 0.0%	Large Cap Value 26.5%	Small Cap 20.0%	Large Cap Value 25.2%	Gold 0.4%	Mid Cap 17.2%	Large Cap Value 8.9%	Large Cap Value 10.9%	Large Cap Value 8.4%
Municipal Bonds 6.1%	Cash 0.1%	Commodities 11.4%	Small Cap 14.6%	Gold -0.9%	Small Cap 25.5%	Mid Cap 17.1%	Mid Cap 22.6%	Large Cap Value -7.5%	Small Cap 16.9%	Mid Cap 5.9%	Gold 10.2%	Small Cap 7.2%
Taxable Bonds 6.0%	International -0.4%	Equally Weighted 8.4%	Large Cap Value 13.7%	Large Cap Growth -1.5%	International 22.7%	Equally Weighted 12.1%	Small Cap 14.8%	Municipal Bonds -8.5%	Gold 14.6%	International 4.5%	Small Cap 10.0%	Gold 5.6%
Small Cap 4.9%	Mid Cap -2.4%	Gold 8.1%	Gold 12.7%	Equally Weighted -5.4%	Gold 18.4%	International 8.3%	Equally Weighted 12.4%	Equally Weighted -9.2%	Equally Weighted 13.1%	Equally Weighted 4.3%	International 8.7%	Equally Weighted 5.5%
Equally Weighted 3.5%	Equally Weighted -3.7%	Large Cap Growth 7.1%	Equally Weighted 12.5%	Large Cap Value -8.3%	Equally Weighted 18.4%	Taxable Bonds 7.5%	International 11.8%	Taxable Bonds -13.0%	Large Cap Value 11.5%	Gold 3.3%	Equally Weighted 8.4%	International 4.8%
Gold 0.1%	Large Cap Value -3.8%	Taxable Bonds 2.6%	Municipal Bonds 5.4%	Mid Cap -9.1%	Taxable Bonds 8.7%	Municipal Bonds 5.2%	Municipal Bonds 1.5%	International -14.0%	Municipal Bonds 6.4%	Small Cap 2.2%	Commodities 7.2%	Municipal Bonds 3.0%
Cash 0.0%	Small Cap -4.4%	International 1.5%	Taxable Bonds 3.5%	Small Cap -11.0%	Municipal Bonds 7.5%	Large Cap Value 2.8%	Cash 0.0%	Mid Cap -17.3%	Taxable Bonds 5.5%	Cash 2.2%	Municipal Bonds 2.3%	Taxable Bonds 1.8%
International -4.5%	Gold -12.1%	Cash 0.3%	Commodities 0.8%	Commodities -13.0%	Commodities 5.4%	Cash 0.7%	Taxable Bonds -1.5%	Small Cap -20.4%	Cash 5.2%	Municipal Bonds -0.4%	Cash 1.9%	Cash 1.3%
Commodities -17.0%	Commodities -24.7%	Municipal Bonds 0.2%	Cash 0.8%	International -13.4%	Cash 2.3%	Commodities -3.5%	Gold -4.3%	Large Cap Growth -29.1%	Commodities -7.9%	Taxable Bonds -3.3%	Taxable Bonds 1.1%	Commodities -1.1%

Source: FactSet; Standard & Poor's. As of December 31, 2023. Annualized return, volatility (as measured by standard deviation) and Risk-Adj. Return (as measured by Sharpe ratio) are calculated as of the most recent quarter-end. Large Growth is represented by Russell 1000® Growth Index. Large Value is represented by Russell 1000® Value Index. Mid Cap is represented by Russell Midcap® Index. Small Cap is represented by Russell 2000® Index. Taxable bonds is represented by BbgBarc. Intermediate Govt/Credit Bond Index. Municipal bonds is represented by the BbgBarc Municipal Index. International is represented by the MSCI EAFE Index. Cash is represented by FTSE 3 month T-bills. Satellite is an equally-weighted return of the following indices, rebalanced monthly: ICE BofAML US High Yield (High Yield) DJ US Select REIT (Real Estate), Bloomberg Commodity (Commodities), and MSCI Emerging Markets (Emerging Markets). Indices are unmanaged and are used to measure and report performance of various sectors of the market. Past performance is no guarantee of future results and diversification does not ensure against loss. Direct investment in indices is not available. The Russell Indices are a trademark of the Frank Russell Company. Russell® is a trademark of the Frank Russell Company.

# Rolling Stock Sector Returns (last 10 years)

Annual Returns										Quarterly Returns			
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	1Q23	2Q23	3Q23	4Q23
Real Estate 30.2%	Consumer Discretionary 10.1%	Energy 27.4%	Info Tech 38.8%	Health Care 6.5%	Info Tech 50.3%	Info Tech 43.9%	Energy 54.6%	Energy 65.7%	Info Tech 57.8%	Information Technology 21.8%	Information Technology 17.2%	Energy 12.2%	Real Estate 18.8%
Utilities 29.0%	Health Care 6.9%	Comm. Services 23.5%	Materials 23.8%	Utilities 4.1%	Comm. Services 32.7%	Consumer Discretionary 33.3%	Real Estate 46.2%	Utilities 1.6%	Comm. Services 55.8%	Comm. Services 20.5%	Consumer Discretionary 14.6%	Comm. Services 3.1%	Information Technology 17.2%
Health Care 25.3%	Consumer Staples 6.6%	Financials 22.8%	Consumer Discretionary 23.0%	Consumer Discretionary 0.8%	Financials 32.1%	Comm. Services 23.6%	Financials 35.0%	Consumer Staples -0.6%	Consumer Discretionary 42.4%	Consumer Discretionary 16.1%	Comm. Services 13.1%	Financials -1.1%	Financials 14.0%
Info Tech 20.1%	Info Tech 5.9%	Industrials 18.9%	Financials 22.2%	Info Tech -0.3%	S&P 500 31.5%	Materials 20.7%	Info Tech 34.5%	Health Care -2.0%	S&P 500 26.3%	S&P 500 7.5%	S&P 500 8.7%	Health Care -2.7%	Industrials 13.1%
Consumer Staples 16.0%	Real Estate 4.7%	Materials 16.7%	Health Care 22.1%	Real Estate -2.2%	Industrials 29.4%	S&P 500 18.4%	S&P 500 28.7%	Industrials -5.5%	Industrials 18.1%	Materials 4.3%	Industrials 6.5%	S&P 500 -3.3%	Consumer Discretionary 12.4%
Financials 15.2%	Comm. Services 3.4%	Utilities 16.3%	S&P 500 21.8%	S&P 500 -4.4%	Real Estate 29.0%	Health Care 13.4%	Materials 27.3%	Financials -10.5%	Materials 12.5%	Industrials 3.5%	Financials 5.3%	Materials -4.8%	S&P 500 11.7%
S&P 500 13.7%	S&P 500 1.4%	Info Tech 13.9%	Industrials 21.0%	Consumer Staples -8.4%	Consumer Discretionary 27.9%	Industrials 11.1%	Health Care 26.1%	Materials -12.3%	Real Estate 12.4%	Real Estate 1.9%	Materials 3.3%	Consumer Discretionary -4.8%	Comm. Services 11.0%
Industrials 9.8%	Financials -1.5%	S&P 500 12.0%	Consumer Staples 13.5%	Comm. Services -12.5%	Consumer Staples 27.6%	Consumer Staples 10.7%	Consumer Discretionary 24.4%	S&P 500 -18.1%	Financials 12.1%	Consumer Staples 0.8%	Health Care 3.0%	Industrials -5.2%	Materials 9.7%
Consumer Discretionary 9.7%	Industrials -2.5%	Consumer Discretionary 12.0%	Utilities 12.1%	Financials -13.0%	Utilities 26.3%	Utilities 0.5%	Comm. Services 21.6%	Real Estate -26.1%	Health Care 2.1%	Utilities -3.2%	Real Estate 1.8%	Information Technology -5.6%	Utilities 8.6%
Materials 6.9%	Utilities -4.9%	Consumer Staples 5.4%	Real Estate 10.8%	Industrials -13.3%	Materials 24.6%	Financials -1.7%	Industrials 21.1%	Info Tech -28.2%	Consumer Staples 0.5%	Health Care -4.3%	Consumer Staples 0.5%	Consumer Staples -6.0%	Health Care 6.4%
Comm. Services 3.0%	Materials -8.4%	Real Estate 3.4%	Energy -1.0%	Materials -14.7%	Health Care 20.8%	Real Estate -2.2%	Consumer Staples 18.6%	Consumer Discretionary -37.0%	Energy -1.3%	Energy -4.7%	Energy -0.9%	Real Estate -8.9%	Consumer Staples 5.5%
Energy -7.8%	Energy -21.1%	Health Care -2.7%	Comm. Services -1.3%	Energy -18.1%	Energy 11.8%	Energy -33.7%	Utilities 17.7%	Comm. Services -39.9%	Utilities -7.1%	Financials -8.6%	Utilities -2.5%	Utilities -9.2%	Energy -6.9%

Source: FactSet; Standard & Poor's. As of December 31, 2023. Annualized return, volatility (as measured by standard deviation) and Risk-Adj. Return (as measured by Sharpe ratio) are calculated as of the most recent quarter-end. Global Industry Classification Standard (GICS) consists of 11 sectors aggregated up from 23 Industry Groups, 59 Industries, and 123 Sub-industries covering almost 6,000 companies globally. GICS sector returns in this chart are based on the S&P 500 Index. GICS is the exclusive property of Morgan Stanley Capital International Inc. ("MSCI"). Indices are unmanaged and are used to measure and report performance of various sectors of the market. Past performance is no guarantee of future results and diversification does not ensure against loss. Investments cannot be made directly in an index or sector.

# Rolling Bond Sector Returns (last 10 years)

Annual Returns									
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Investment Grade 7.5%	Municipal Bonds 3.3%	High Yield 17.1%	Intl. Bond 10.5%	Cash 1.9%	Investment Grade 14.5%	Intl. Bond 10.1%	High Yield 5.3%	Cash 1.5%	High Yield 13.4%
Municipal Bonds 6.1%	Mortgage-Backed 1.5%	Bank Loans 10.2%	High Yield 7.5%	Municipal Bonds 1.3%	High Yield 14.3%	Investment Grade 9.9%	Bank Loans 3.5%	Bank Loans -0.6%	Bank Loans 13.2%
Mortgage-Backed 6.1%	U.S. Treasury 0.8%	Investment Grade 6.1%	Investment Grade 6.4%	Mortgage-Backed 1.0%	Broad Bond Market 8.7%	U.S. Treasury 8.0%	Municipal Bonds 1.5%	Municipal Bonds -8.5%	Investment Grade 8.5%
Broad Bond Market 6.0%	Broad Bond Market 0.5%	Broad Bond Market 2.6%	Municipal Bonds 5.4%	U.S. Treasury 0.9%	Bank Loans 8.6%	Broad Bond Market 7.5%	Cash 0.0%	High Yield -11.2%	Municipal Bonds 6.4%
U.S. Treasury 5.1%	Cash 0.0%	Mortgage-Backed 1.7%	Bank Loans 4.1%	Bank Loans 0.4%	Municipal Bonds 7.5%	High Yield 7.1%	Mortgage-Backed -1.0%	Mortgage-Backed -11.8%	Intl. Bond 5.6%
High Yield 2.5%	Investment Grade -0.7%	Intl. Bond 1.5%	Broad Bond Market 3.6%	Broad Bond Market 0.0%	U.S. Treasury 6.9%	Municipal Bonds 5.2%	Investment Grade -1.0%	U.S. Treasury -12.5%	Broad Bond Market 5.5%
Bank Loans 1.6%	Bank Loans -0.7%	U.S. Treasury 1.0%	Mortgage-Backed 2.5%	High Yield -2.1%	Mortgage-Backed 6.4%	Mortgage-Backed 3.9%	Broad Bond Market -1.5%	Broad Bond Market -13.0%	Cash 5.2%
Cash 0.0%	High Yield -4.5%	Cash 0.3%	U.S. Treasury 2.3%	Intl. Bond -2.1%	Intl. Bond 5.1%	Bank Loans 2.8%	U.S. Treasury -2.3%	Investment Grade -15.8%	Mortgage-Backed 5.1%
Intl. Bond -3.1%	Intl. Bond -6.0%	Municipal Bonds 0.2%	Cash 0.8%	Investment Grade -2.5%	Cash 2.3%	Cash 0.7%	Intl. Bond -7.0%	Intl. Bond -18.7%	U.S. Treasury 4.1%

Quarterly Returns			
1Q23	2Q23	3Q23	4Q23
High Yield 3.6%	Bank Loans 3.3%	Bank Loans 3.1%	Intl. Bond 9.2%
Investment Grade 3.5%	High Yield 1.7%	Cash 1.3%	Investment Grade 8.5%
Intl. Bond 3.1%	Cash 1.2%	High Yield 0.5%	Municipal Bonds 7.9%
U.S. Treasury 3.0%	Municipal Bonds -0.1%	U.S. Treasury -3.1%	Mortgage-Backed 7.5%
Broad Bond Market 3.0%	Investment Grade -0.3%	Investment Grade -3.1%	High Yield 7.2%
Bank Loans 3.0%	Mortgage-Backed -0.6%	Broad Bond Market -3.2%	Broad Bond Market 6.8%
Municipal Bonds 2.8%	Broad Bond Market -0.8%	Municipal Bonds -3.9%	U.S. Treasury 5.7%
Mortgage-Backed 2.5%	U.S. Treasury -1.4%	Intl. Bond -4.0%	Bank Loans 3.2%
Cash 1.1%	Intl. Bond -2.2%	Mortgage-Backed -4.1%	Cash 1.4%

Source: FactSet. As of December 31, 2023. Annualized return, volatility (as measured by standard deviation) and Risk-Adj. Return (as measured by Sharpe ratio) are calculated as of the most recent quarter-end. Sectors are represented by the following indices: BBgBarc. US Aggregate Bond (Broad Bond Market), BBgBarc. US MBS (Mortgage-Backed), ICE BofAML US High Yield (High Yield), BBgBarc. IG Corporate (Corporate), BBgBarc. Municipal (Municipal), BBgBarc. US Treasury (U.S. Treasury), BBgBarc. Global Aggregate ex USD (International), S&P/LSTA Leveraged Loan (Bank Loans), and FTSE Treasury 3-Mo T-Bills (Cash). Indices are unmanaged and are used to measure and report performance of various sectors of the market. Past performance is no guarantee of future results and diversification does not ensure against loss. Direct investment in indices is not available.